

2016 Maryland May Count

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The annual Maryland May Count was held on Saturday, 14 May 2016. Results were submitted from 22 of Maryland's 23 counties, two more than submitted results in 2015 (Table 1).

Weather statewide on 14 May was clear and calm in the morning, with a front accompanied by thunderstorms, gusty winds, and rain moving through from west to east in the afternoon. Temperatures were as low as 36° F (2° C) in Garrett County in the morning, to as high as 77° F (25° C) in Dorchester County at 4:11 p.m. just before the front arrived. Calvert and Dorchester reported wind gusts up to 45–50 mph (72–80 kph) with the front.

Table 1. 2016 Maryland May Count: participating counties, county codes, and compilers. (The dashed line separates the Western and Eastern Shore counts.)

County	Code	Compiler
Garrett	GA	Nadine Jakubowski
Allegany	AL	J.B. Churchill
Washington	WA	Mark Abdy
Frederick	FR	David Smith
Montgomery	MO	Diane Ford
Carroll	CA	Don Jewell
Howard	HO	Kevin Heffernan & Chuck Stirrat
Baltimore	BA	Joel Martin
Prince George's	PG	Fred Fallon
Anne Arundel	AA	Dotty Mumford
Charles	CH	Lynne Wheeler
Calvert	CT	Sherman Suter
St. Mary's	SM	J. Tyler Bell
Harford	HA	Rick Cheicante
Cecil	CE	Richard Donham
Kent	KE	Walter Ellison
Talbot	TA	David Palmer
Caroline	CN	Debby Bennett
Dorchester	DO	Harry Armistead
Somerset	SO	Paul Bystrak
Wicomico	WI	Travis Clemens
Worcester	WO	Marcia Balestri

A total of 461 counters in 279 parties reported 244 species and 127,262 individual birds (Tables 2 and 3).

Among the most notable sightings reported were: 115 Ruddy Turnstones (9 in Dorchester, 4 in Kent, 102 in Worcester), 9 Purple Sandpipers (Worcester), 218 Northern Gannett (Anne Arundel), 213 Brown Pelicans (1 in Calvert, 52 in St. Mary's, 140 in Dorchester, and 20 in Wicomico), 1 White Ibis (Worcester), 1 Swallow-tailed Kite (Howard) (Figure 1), 1 Loggerhead Shrike (Garrett) (report submitted to MD/DC Records Committee), 34 Gray-cheeked Thrushes (ranging from 1 to 8 each in 12 different counties), 322 Swainson's Thrushes (a nice rebound from only 22 individuals last year; reported from 17 counties with Howard high at 106), 4604 Cedar Waxwings (more than 3 times higher than previous years, reported from every county except Somerset, with a Howard high at 1049), 121 Canada Warblers (up from a low of 7 last year; reported from 18 counties with Howard high at 29), 17 Dickcissels (9 in Allegany, 1 in Carroll, 3 in Prince George's (Figure 2), 1 in Harford, 3 in Kent) (Tables 4 and 5).

Additionally, 2 Swainson's Warblers were reported from Calvert. The report was submitted to the MD/DC Records Committee, but was not accepted by the Committee.

Notable misses this year were Blue-winged Teal, Northern Shoveler, and Black-necked Stilt. White-crowned Sparrows continue to decrease, with only 4 individuals reported (1 from Garrett, 2 from Allegany, 1 from Howard).

The 2015 May Count was notable for low numbers of most thrushes and eighteen species of warblers. This year showed improved numbers, especially for Gray-cheeked and Swainson's Thrushes, as noted above. Counts for all eighteen species of warblers noted as low in 2015 were higher, as well. The cases in which 2016 numbers were lower than 2015 were not large differences, and in two cases were decreases from counts noted as significantly high in 2015: Prothonotary Warbler (123 in 2016 vs. 184 in 2015) and Yellow-throated Warbler (92 vs. 153.)

Comparing data from 2003, 2013, 2014, 2015, and 2016 there have been clear increases in Black and Turkey Vultures, Common Raven, Bald Eagle, and Brown-headed Nuthatch. Blue Jay numbers this year were about twice the numbers reported in previous years. Raptor numbers were improved this year compared to 2015, for example, 502 Bald Eagles vs. 401.

This was a good year in terms of the increase in number of individual birds seen, counties reporting, and counters involved in the May Count, but a few large population counties would do much better with more people in the field.

Table 2. 2016 Maryland May Count: Western Shore summary.

	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Parties	24	6	10	12	1	12	34	42	28	21	8	10	15	10
Observers	42	6	18	21	4	18	70	44	49	30	13	16	15	33
Start time	0530	0540	0430	0445	0700	0500	0445	0000	0530	0530	0530	0000	0300	0005
End time	0000	1900	1900	1930	1400	2100	2330	2156	2030	1930	2000	2018	2030	2045
Driving														
hours	61.15	24	32	47.25		27	34.8	1	53.3	7.5	21	4.5	85.82	35.5
miles	464	112	283	481		268.5	426.4	24	108	49.5	268	23.75	324.2	169
Walking														
hours	60.15	18	24.5	35.5		43	190.1	73.5	91	68.5	37.5	49.45	18.75	43.5
miles	48.75	17	18.5	23.2	5.5	29.1	143.5	72.76	59	61	31	29.75	16.5	21.5
Owling														
hours	3.75		1.5	1.25		0.75	1.8		4		1	1.67	2.25	
miles	43		3			0	5		5		0.5	6	64	
Stationary														
hours	23		5.5	6.5	0.25	18	4	19.2	14	15.5	5	5.42	6.5	
Other										golf				
conveyance tractor										cart	bike			
hours	3.55									2	3			
miles	20.5									3	3			
Total	147	136	121	144	77	130	148	139	141	147	123	147	138	151
species														
Total	7445	2725	4237	8842	452	5904	14,732	4624	6672	9597	5476	6090	6232	6493
individuals														

Table 3. 2016 Maryland May Count: Eastern Shore and total summary.

	CE	KE	TA	CN	DO	SO	WI	WO	West & East Total
Parties	4	5	10	11	9	2	5		279
Observers	6	7	14	16	14	2	8	15	461
Start time	0438	0520	0400	0430	0000	0500	0508	0500	
End time	1500	2045	2000	2130	2100	1730	1530	1952	
Driving									
hours		18.5	42	30	69	4.5	4.35	30.15	628.97
miles		141	108	292	584	8.1	26.3	350	4510.75
Walking									
hours		16.5	15	12	29.5	20	2	7 20.35	875.8
miles		13	12.1	6.5	13	16	2.5	3.5 20.6	664.26
Owling									
hours			2	2.75	8			0.5	31.22
miles			27	44	32			2	231.5
Stationary									
hours		0.5	5.25	13	1.5	3.583	6	3.7	156.403
Other conveyance					golf cart	boat			
hours					1	2			11.55
miles					1				27.5
Total species	100	135	133	131	166	90	95	161	244
Total individuals	1467	5798	3607	7760	10,215	1603	1323	5968	127,262



Figure 1. Swallow-tailed Kite (*Elanoides forficatus*). Alpha Ridge Landfill, Howard County, Maryland, 14 May 2016, photographed by Joe Hanfman.



Figure 2. Dickcissel (*Spiza americana*). Beltsville Agricultural Research Center, Prince George’s County, Maryland, 14 May 2016, photographed by Jack Saba.

Table 4. 2016 Maryland May Count: Western Shore observed species.
 (* = report submitted to MD/DC Records Committee)

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Canada Goose	316	86	182	329	43	331	674	116	259	267	181	71	112	284
Mute Swan				1									10	9
Tundra Swan				1										1
Wood Duck	65	28	9	24	1	2	40	5	95	43	32	14	2	23
Gadwall														
American Black Duck					2						2		1	2
Mallard	63	27	85	95	4	31	82	64	57	74	28	57	40	25
Green-winged Teal														
Canvasback														
Ring-necked Duck				1										
Lesser Scaup	1									3				
unidentified scaup									1					
Surf Scoter														
Long-tailed Duck														
Bufflehead	2			2		1								
Hooded Merganser				10						4				3
Common Merganser	5			1	1									
Red-breasted Merganser											1	1		
Ruddy Duck			2									8	21	
unidentified duck														
Northern Bobwhite				1										
Ruffed Grouse	7	1												
Wild Turkey	39	11	19	2		5	12		11	4	20	10	8	32
Pied-billed Grebe		2					5	1						1
Horned Grebe														
Rock Pigeon	58	132	88	87	1	41	86	44	22	36	1		16	33
Mourning Dove	151	36	111	195	12	107	263	85	117	139	114	71	68	124
Yellow-billed Cuckoo	3	7	15	19	1	9	17	7	26	12	2	8	6	21
Black-billed Cuckoo	3	2		1		1	2							1
Common Nighthawk							10	26	4	19		4		7
Chuck-will's-widow												3		6
Eastern Whip-poor-will	3		5					1					1	20
Chimney Swift	23	39	45	111	13	61	127	104	95	118	83	43	20	81
Ruby-throated Hummingbird	60	8	7	13	2	16	15	17	8	14	13	10	18	14
Clapper Rail													1	1
King Rail														2
Virginia Rail						2						2		3
Sora										1		1	1	4
unidentified rail														
Common Gallinule		1		1					1					
American Coot		3	1	2			1	2	1					
Sandhill Crane	4													
American Oystercatcher														
Black-bellied Plover														
Semipalmated Plover	7											3	18	1
unidentified plover (mostly Black-bellied?)														
Killdeer	34	12	16	32		8	10	1	8	4	16	6	14	42
Ruddy Turnstone														

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Red Knot														
Sanderling														1
Dunlin														
Purple Sandpiper														
Least Sandpiper	3	9					4	15	1	2		24	69	21
White-rumped Sandpiper	7													
Pectoral Sandpiper														
Semipalmated Sandpiper		1				2						4	10	6
unidentified sandpiper (mostly Dunlin?)														
Short-billed Dowitcher													1	
Wilson's Snipe	1						7		1					
American Woodcock	4		8				2							7
Spotted Sandpiper	27	14	13	15	2	8	37	16	26	22	12	22	11	13
Solitary Sandpiper	9	2	1	10	1	5	33	4	15	5	1	4	9	21
Greater Yellowlegs				1					5			2	1	1
Willet														
Lesser Yellowlegs	1	4	1						2		1			1
Bonaparte's Gull			3									14	50	
Laughing Gull									16	8	3	31	50	
Ring-billed Gull						3		18	2	61	176	162	527	20
Herring Gull								6		49	4	41	54	
Great Black-backed Gull								3		27		75	20	
unidentified gull.								5	1				15	
Least Tern								1		10		2		14
Caspian Tern								1	2	3	2			5
Common Tern								2		4	26	1		
Forster's Tern											4			
Royal Tern														
unidentified tern									2					5
Black Skimmer														
Common Loon	5	2	3			10	2	2	1	3	4			1
Northern Gannet										218				
Double-crested Cormorant	17		26	3	1	5	63	29	160			163	371	181
American White Pelican														492
Brown Pelican													1	52
American Bittern							2							
Least Bittern										1			1	3
Great Blue Heron	1	2	8	20	9	20	37	20	62	72	39	20	34	72
Great Egret							1	1	3	2	1		4	2
Snowy Egret								1		2		10		
Little Blue Heron								3						
Tricolored Heron														
Cattle Egret										4				
Green Heron	8	5	1	8	2	4	26	4	8	8	5	3	4	6
Black-crowned Night-Heron				11			1					1		
Yellow-crowned Night-Heron						2		4						
White Ibis														
Glossy Ibis												5		1
Black Vulture		2	16	33		86	106	8	56	35	119	19	55	28
Turkey Vulture	69	43	61	103	2	86	225	46	77	199	75	90	58	136
Osprey	1	1	4	5		2	26	15	53	101	176	77	119	51
Swallow-tailed Kite							1							

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Mississippi Kite														1
Bald Eagle	5	1		2		5	13	5	36	62	53	7	25	51
Northern Harrier			1	1			2	2	3	6		1		3
Sharp-shinned Hawk						1	2	2	2	49	2	1		2
Cooper's Hawk	1	1	1	1		8	6	3	4	9		3	1	2
Red-shouldered Hawk			6	15	1	14	72	21	24	15	9	9	7	12
Broad-winged Hawk	6		1	3	1		8	1	2	136	1		2	4
Red-tailed Hawk	8	2	12	23		18	19	9	21	15	8	8	2	18
unidentified hawk														
Barn Owl											16			
Eastern Screech-Owl	1	3		4		1	1		1	2	1	5		1
Great Horned Owl	1					1	6		1	1				1
Barred Owl	5	1	2	5		4	13	1	4	6	3	13	1	7
Belted Kingfisher	1	2	3	5		6	15	7	5	7	4	5	2	4
Red-headed Woodpecker	13			6		6	3	3	1		7	12	9	5
Red-bellied Woodpecker	38	22	43	135	9	84	237	63	69	70	56	62	28	49
Yellow-bellied Sapsucker	6													
Downy Woodpecker	36	12	27	45	11	44	98	35	31	37	11	28	15	23
Hairy Woodpecker	33	5	7	5	3	10	19	14	9	7	4	11	3	6
Northern Flicker	39	12	8	13	1	17	31	9	18	10	4	8	10	18
Pileated Woodpecker	19	10	20	23	1	16	49	10	16	13	11	18	11	14
American Kestrel	6	1	3	8		5	3		5		1			2
Merlin											2			
Peregrine Falcon											1			
Olive-sided Flycatcher		2												
Eastern Wood-Pewee	14	9	19	92	4	40	135	38	46	49	52	79	55	28
Acadian Flycatcher	2	5	11	51	1	36	116	6	44	42	53	88	50	31
Alder Flycatcher	1	1					1		1					
Willow Flycatcher	1	1	1	5		8	17	3		1				4
Alder/Willow Flycatcher (Traill's Flycatcher)														
Least Flycatcher	16	2		1			2	3	1			1		
unidentified <i>Empidonax</i>				4		2								
Eastern Phoebe	25	10	19	36		32	61	23	19	6	14	10	10	23
Great Crested Flycatcher	13	8	43	91	5	41	93	25	49	45	49	54	68	45
Eastern Kingbird	17	10	20	67	1	46	103	30	104	77	38	60	37	70
Loggerhead Shrike*	1													
White-eyed Vireo	2	4	4	13		24	50	11	43	23	42	58	46	35
Yellow-throated Vireo	1	2	6	9	1	6	14	15	24	4	14	16	3	23
Blue-headed Vireo	33	2		3	1	2	2	4	1	9			2	
Philadelphia Vireo									2					
Warbling Vireo		9	14	33	4	16	14	31	3	2				16
Red-eyed Vireo	236	43	86	235	26	113	388	109	154	195	122	190	211	94
Blue Jay	178	78	114	159	7	154	562	292	110	2244	44	48	59	115
American Crow	277	75	147	159	3	186	383	86	70	107	107	97	158	108
Fish Crow		4	17	36	1	14	53	16	29	37	18	27	43	14
unidentified crow				30	1		137	9		5		7	23	8
Common Raven	26	11	2	4		2	2	5	1	1				1
Horned Lark			11	9		1	16	1				8	10	2
Purple Martin			32	28		22	83	3	28	16	128	30	82	10
Tree Swallow	298	25	42	71	2	74	125	53	196	168	40	32	15	181
N. Rough-winged Swallow	85	15	11	35	3	17	32	32	13	22	10	13	2	46
Bank Swallow	4	1		1		1		1	4	11				6

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Cliff Swallow	149	70	46	16		51	39		1	2				
Barn Swallow	620	25	96	162	4	156	248	58	107	208	168	89	163	248
Carolina Chickadee			64	144	9	83	261	64	83	65	50	119	104	78
Black-capped Chickadee	117	22	9											
Tufted Titmouse	68	36	80	119	6	97	260	73	83	84	82	114	97	54
Red-breasted Nuthatch	6	5												
White-breasted Nuthatch	39	17	28	41	5	30	72	46	26	23	12	22	9	17
Brown-headed Nuthatch												4	13	
Brown Creeper	9	3		1										
House Wren	56	20	23	100	5	53	99	37	12	18	2	3	6	20
Winter Wren	1	1												
Sedge Wren	1						1							
Marsh Wren	1							1		4	4	3	4	3
Carolina Wren	9	34	56	157	14	54	165	57	79	60	67	86	101	44
Blue-gray Gnatcatcher	15	11	35	95	3	78	192	46	109	95	64	138	38	84
Golden-crowned Kinglet	4	1												
Ruby-crowned Kinglet	3			1			12	3		2		4		
Eastern Bluebird	31	64	94	95		86	180	29	79	62	36	36	42	80
Veery	13	1	1	1	15	19	11	3	2		10	6	7	
Gray-cheeked Thrush				2			8	2	3		1	6	3	2
Swainson's Thrush	1		6	13	1	7	106	49	22	22	5	28	7	29
Hermit Thrush	11	1				1	6							
unidentified <i>Catharus</i> thrush														
Wood Thrush	24	13	56	137	2	103	244	51	65	55	53	73	54	25
American Robin	428	207	176	569	19	186	520	227	270	328	162	107	148	171
Gray Catbird	138	82	127	277	19	301	438	149	87	16	17	78	98	177
Brown Thrasher	37	11	36	35		31	26	5	23	12	45	20	34	13
Northern Mockingbird		17	58	97	1	57	155	26	55	70	90	48	75	68
European Starling	265	180	393	801	7	307	594	208	413	207	306	83	222	440
Cedar Waxwing	21	24	28	210	42	244	1049	480	427	942	136	431	88	189
House Sparrow	78	65	109	187	26	103	236	94	66	50	140	78	72	59
American Pipit									1					
House Finch	40	37	47	95	5	100	144	54	41	52	59	55	28	40
Purple Finch	25	3	3											
Pine Siskin	11	3												
American Goldfinch	213	84	104	226	7	227	461	97	111	277	64	94	124	93
Evening Grosbeak		3												
Ovenbird	122	13	28	91	1	58	158	25	71	52	42	52	48	35
Worm-eating Warbler	1	10	5	9		5	9	1	3	4	2	21	9	3
Louisiana Waterthrush	9	2	4	15	1	5	27	4	4	5	16	13	6	11
Northern Waterthrush	3	10		2		1	9	7	7	5	2	7	2	11
Golden-winged Warbler	2			1										
Blue-winged Warbler		1	1	1		11	10		1	3				3
Black-and-white Warbler	37	3	9	24	2	7	34	19	11	17	8	35	26	12
Prothonotary Warbler	1		2	5					6	12	8	1		5
Tennessee Warbler	1	3		1			12	1		1				
Nashville Warbler							3	3				1		
Mourning Warbler	1	1	1			1		1	1					
Kentucky Warbler	5	2	1	4		2	12	4		1	11	8	10	10
Common Yellowthroat	196	26	27	76	2	104	265	60	128	84	80	147	128	99
Hooded Warbler	10	14	5	2		2	8	4	5	6	29	47	12	3
American Redstart	68	29	26	46		41	151	67	65	25	22	61	36	67
Cape May Warbler				4		1	8	3	3	1		2		4

Species	GA	AL	WA	FR	MO	CA	HO	BA	PG	AA	CH	CT	SM	HA
Cerulean Warbler	7	8	15	1			3					2		4
Northern Parula	19	4	5	21	4	18	137	43	48	39	76	114	41	44
Magnolia Warbler	35	5	5	5	1	1	26	28	24	16	2	30	26	28
Bay-breasted Warbler		3		6			2	6	1	5		8	5	2
Blackburnian Warbler	24			2			5	9	3		5		4	2
Yellow Warbler	71	35	7	34	2	60	72	33	16	18	11	14	13	55
Chestnut-sided Warbler	101	4	3	3		2	23	23	13	9			8	3
Blackpoll Warbler	1	10	11	24	5	9	38	19	74	28	19	80	34	29
Black-throated Blue Warbler	36	3	1	11			18	76	37	16	11	1	53	13
Palm Warbler		1			2	1	2		1	3				1
Pine Warbler	1	7	4	2		1	2	4	5	3	5	16	59	2
Yellow-rumped Warbler	9	2	15	35	2	16	77	56	38	22	6	17	2	44
Yellow-throated Warbler			2	1			2		2	3	8	33	8	1
Prairie Warbler		5	16	6		13	24	2	14	12	11	8	28	23
Black-throated Green Warbler	54	6	3	9		2	16	11	11	9	2	25	2	5
Canada Warbler	8		2	1	1	4	29	14	15	12	4	7	1	10
Wilson's Warbler	2			1			1	3	2	1	2	5	3	2
Yellow-breasted Chat	1		4	6		7	12	4	9	10	4	8	7	30
unidentified warbler														
Eastern Towhee	162	36	33	83	1	61	149	13	47	31	15	39	45	26
Chipping Sparrow	146	30	84	160	3	125	231	34	110	66	106	104	131	97
Field Sparrow	52	4	39	70		59	42	5	18	4	20	7	12	12
Vesper Sparrow	1	2		6			2							
Savannah Sparrow	7	3		2		6	20		4	9		7	3	8
Grasshopper Sparrow	10	2	9	11		9	11		12	3	9	11	48	18
Henslow's Sparrow		2												
Saltmarsh Sparrow														
Seaside Sparrow								3				1	2	
Song Sparrow	189	67	48	134	5	106	123	22	35	65	7	40	13	25
Lincoln's Sparrow		2					1		2	1		2	21	
Swamp Sparrow	40	1	1			1	2	4	2	1	6	7	3	18
White-throated Sparrow	2	4	7	10	1	26	41	37	4	11	2	10	5	15
White-crowned Sparrow	1	2					1							
unidentified sparrow														
Dark-eyed Junco	6													
Summer Tanager									4	4	8	42	31	
Scarlet Tanager	84	12	16	64	4	47	137	34	64	23	53	33	30	61
Northern Cardinal	92	103	119	471	21	271	659	162	219	256	169	198	237	186
Rose-breasted Grosbeak	63	10	5	5		3	13	9	1	6	1	7	1	3
Blue Grosbeak				7			4	2	22	10	11	18	20	24
Indigo Bunting	73	39	86	191	4	63	228	38	119	102	147	108	127	102
Dickcissel		9				1			3					1
Bobolink	72	33	12	34		3	180		87	105		31	19	75
Red-winged Blackbird	400	83	55	407	8	183	618	70	482	436	270	256	237	244
Eastern Meadowlark	40	28	15	33		11	12		9	2	5	13	35	18
Rusty Blackbird	1													
Common Grackle	117	79	228	361	7	76	231	87	155	176	328	205	431	117
Boat-tailed Grackle														
Brown-headed Cowbird	44	28	63	69	5	72	152	34	46	96	116	60	29	95
unidentified blackbird									13					
Orchard Oriole	16	11	5	15	3	18	53	16	39	16	38	28	13	67
Baltimore Oriole	89	19	72	76	8	76	127	40	19	7	5	6	1	38

Table 5. 2016 Maryland May Count: Eastern Shore and total observed species. (* = report submitted to MD/DC Records Committee)

Species	CE	KE	TA	CN	DO	SO	WI	WO	Total
Canada Goose	14	81	79	177	305		46	239	4192
Mute Swan									20
Tundra Swan					1				3
Wood Duck		23	7	27	22	1	2	1	466
Gadwall					2			1	3
American Black Duck		2	2	2	27	5		19	64
Mallard		104	83	38	168	3	5	37	1170
Green-winged Teal			2		1				3
Canvasback		1			3				4
Ring-necked Duck									1
Lesser Scaup unidentified scaup								1	2
Surf Scoter			3						3
Long-tailed Duck			9						9
Bufflehead								5	10
Hooded Merganser			3						20
Common Merganser									7
Red-breasted Merganser					6				8
Ruddy Duck		3			47				81
unidentified duck					2				2
Northern Bobwhite				5	74				80
Ruffed Grouse									8
Wild Turkey	1	13	20	66	23	1	5	5	307
Pied-billed Grebe									9
Horned Grebe			2						2
Rock Pigeon	10	9	10	36	34		1	15	760
Mourning Dove	24	65	39	128	93	5	25	20	1992
Yellow-billed Cuckoo	7	10	3	13	30	2	17	25	260
Black-billed Cuckoo									10
Common Nighthawk		1			1			2	74
Chuck-will's-widow			2	1	21		3	7	43
Eastern Whip-poor-will	8			3			1	2	44
Chimney Swift	4	82	49	402	71		1	21	1593
Ruby-throated Hummingbird		10	3	18	14	1	13	9	283
Clapper Rail					10	4		2	18
King Rail			2		3				7
Virginia Rail		3	3	1	36	2		3	55
Sora								1	8
unidentified rail					4				4
Common Gallinule					12				15
American Coot									10
Sandhill Crane									4
American Oystercatcher					2			19	21
Black-bellied Plover		221		50	2	18		638	929
Semipalmated Plover	4	14	275	3	11			9	345
unidentified plover (mostly Black-bellied?)						150			150
Killdeer	2	4	8	29	23		3	6	278
Ruddy Turnstone		4			9			102	115
Red Knot								6	6

Species	CE	KE	TA	CN	DO	SO	WI	WO	Total
Sanderling						4		3	8
Dunlin			79		270	263		756	1368
Purple Sandpiper								9	9
Least Sandpiper	2	36	66	59	124	15	3	89	542
White-rumped Sandpiper						1			8
Pectoral Sandpiper			3			11		1	15
Semipalmated Sandpiper	1	3			11	47		27	112
unidentified sandpiper (mostly Dunlin?)						450			450
Short-billed Dowitcher						46		52	99
Wilson's Snipe				10					19
American Woodcock				2	1				24
Spotted Sandpiper	2	5	8	12	24		2	11	302
Solitary Sandpiper		1	1	18	2			3	145
Greater Yellowlegs		3	1	12	18	20	1	12	77
Willet			1		18	14		30	63
Lesser Yellowlegs		6	1	5	22	3		44	91
Bonaparte's Gull		5	10	3	1				86
Laughing Gull		1	33	661	443	60	27	505	1838
Ring-billed Gull	2	279	15	410	20			20	1715
Herring Gull			51	3	75	7		128	418
Great Black-backed Gull		1		2	17	2		81	228
unidentified gull						4			25
Least Tern		4	8		6	1		15	61
Caspian Tern	1	7							21
Common Tern		2	6	2	4	3		80	130
Forster's Tern			33	1	19	8	39	30	134
Royal Tern					4	13		125	142
unidentified tern					47				54
Black Skimmer								9	9
Common Loon					4			2	39
Northern Gannet									218
Double-crested Cormorant	242	32	514	38	598	14	92	373	3414
American White Pelican					1				1
Brown Pelican					140		20		213
American Bittern				1					3
Least Bittern					2				7
Great Blue Heron	41	32	54	43	105	2	7	3	703
Great Egret		1	9		59	4	1	25	113
Snowy Egret			5	1	29	16		19	83
Little Blue Heron			1					3	7
Tricolored Heron					1				1
Cattle Egret			9	4				22	39
Green Heron		5	7	8	3			4	119
Black-crowned Night-Heron					3			2	18
Yellow-crowned Night-Heron								1	7
White Ibis								1	1
Glossy Ibis		4	19	1	1			59	90
Black Vulture	25	39	21	40	51		12	14	765
Turkey Vulture	18	152	85	184	247	18	52	85	2111
Osprey	1	116	103	43	171		28	6	1099
Swallow-tailed Kite									1
Mississippi Kite	1								2
Bald Eagle	9	29	18	26	138	3	9	5	502

Species	CE	KE	TA	CN	DO	SO	WI	WO	Total
Northern Harrier	2								21
Sharp-shinned Hawk		1			1				63
Cooper's Hawk		1	3	3	3	1			51
Red-shouldered Hawk	4	11		3	3	1	1	4	232
Broad-winged Hawk	2	1			1				169
Red-tailed Hawk	6	10	4	12	9	1		1	206
unidentified hawk					1				1
Barn Owl					1				17
Eastern Screech-Owl			2	3	4		2		31
Great Horned Owl			2	6	8				27
Barred Owl		9	5	7			2	1	89
Belted Kingfisher	1		2	2	4		1		76
Red-headed Woodpecker					18		1	4	88
Red-bellied Woodpecker	36	51	15	55	18	1	23	18	1182
Yellow-bellied Sapsucker									6
Downy Woodpecker	2	18	8	17	24	2	7	6	537
Hairy Woodpecker	1	9	4	4	4	2		1	161
Northern Flicker	3	4	3	7	12	3	1	1	232
Pileated Woodpecker	5	11	8	24	6	2	4	4	295
American Kestrel				4					38
Merlin								1	3
Peregrine Falcon									1
Olive-sided Flycatcher									2
Eastern Wood-Pewee	17	48	8	37	32	5	11	1	819
Acadian Flycatcher	11	50	4	8	8	1	12	21	651
Alder Flycatcher									4
Willow Flycatcher			1						42
Alder/Willow Flycatcher (Traill's Flycatcher)								1	1
Least Flycatcher		1							27
unidentified <i>Empidonax</i>									6
Eastern Phoebe	4	5	3	23	2		2	3	330
Great Crested Flycatcher	18	82	43	87	145	10	25	46	1085
Eastern Kingbird	2	28	23	26	79	2	14	19	873
Loggerhead Shrike*									1
White-eyed Vireo	13	20	4	17	40	8	21	45	523
Yellow-throated Vireo	3	2			1	1		9	154
Blue-headed Vireo									59
Philadelphia Vireo									2
Warbling Vireo		6		6					154
Red-eyed Vireo	68	126	19	53	97	2	11	47	2625
Blue Jay	25	45	17	79	23		10	15	4378
American Crow	43	30	62	105	134	6	40	51	2434
Fish Crow	7	20	15	23	28	3	4	29	438
unidentified crow					12				232
Common Raven									55
Horned Lark		15	12	63	7			19	174
Purple Martin		120	111	167	432	3	41	100	1470
Tree Swallow	20	50	46	41	251	8	3	34	1775
Northern Rough-winged Swallow	2	6	3	8	5				360
Bank Swallow		1	1	1	21				52
Cliff Swallow			3	6	4				387
Barn Swallow	4	96	125	175	275	11	31	67	3136

Species	CE	KE	TA	CN	DO	SO	WI	WO	Total
Carolina Chickadee	35	63	34	70	80	8	28	20	1462
Black-capped Chickadee									148
Tufted Titmouse	27	78	30	84	86	3	28	28	1617
Red-breasted Nuthatch									11
White-breasted Nuthatch	6	6	4	10				1	414
Brown-headed Nuthatch		3	5		43	8	2	14	92
Brown Creeper					1				14
House Wren	2	11	3	3	39	14	2	5	533
Winter Wren									2
Sedge Wren									2
Marsh Wren		3	2	2	62	16	10		115
Carolina Wren	9	83	19	49	90	10	47	30	1320
Blue-gray Gnatcatcher	9	60	4	13	67	11	19	55	1241
Golden-crowned Kinglet									5
Ruby-crowned Kinglet					1			1	27
Eastern Bluebird	2	23	21	71	28	1		11	1071
Veery	8	2	1		1				101
Gray-cheeked Thrush	2	3		1				1	34
Swainson's Thrush	16	7		2			1		322
Hermit Thrush				4					23
unidentified <i>Catharus</i> thrush					2				2
Wood Thrush	71	64	21	31	13	1	11	21	1188
American Robin	13	298	113	384	181		24	66	4597
Gray Catbird	45	64	25	48	51	9	9	67	2322
Brown Thrasher	5	21	20	30	14		3	7	428
Northern Mockingbird	8	58	30	73	85	1	14	26	1112
European Starling	21	381	95	889	404	11	13	122	6362
Cedar Waxwing	13	55	26	29	110		6	54	4604
House Sparrow	3	182	32	330	74		1	3	1988
American Pipit									1
House Finch		27	24	93	17		9	9	976
Purple Finch									31
Pine Siskin									14
American Goldfinch	13	107	25	81	76	4	16	20	2524
Evening Grosbeak									3
Ovenbird	74	66	7	27	62	11	29	45	1117
Worm-eating Warbler	6	5	3	2	15	1	6	8	128
Louisiana Waterthrush			1	1	2		3	6	135
Northern Waterthrush	1	8			2			5	82
Golden-winged Warbler									3
Blue-winged Warbler					1				32
Black-and-white Warbler	3	20	9	5	26		4	20	331
Prothonotary Warbler	1	4	2	15	20	2	8	31	123
Tennessee Warbler									19
Nashville Warbler									7
Mourning Warbler			1						7
Kentucky Warbler		9	2	2				10	93
Common Yellowthroat	25	92	41	38	286	23	31	52	2010
Hooded Warbler	15							1	163
American Redstart	9	26	14	16	49		4	34	856
Cape May Warbler					1			1	28
Cerulean Warbler									40
Northern Parula	5	26	9	10	20		5	21	709

Species	CE	KE	TA	CN	DO	SO	WI	WO	Total
Magnolia Warbler	3	7	6		14		2	11	275
Bay-breasted Warbler	2	1				3		1	45
Blackburnian Warbler		2	1		1			4	62
Yellow Warbler	2	4	7	3	13	1	1	12	484
Chestnut-sided Warbler		6	1	1	2			2	211
Blackpoll Warbler	2	14	14	17	12	1	4	10	455
Black-throated Blue Warbler	3	5	5	6	9	2		3	344
Palm Warbler				3					14
Pine Warbler	8	9	16	3	167	17	12	20	363
Yellow-rumped Warbler	7	6	3	7	7		2	4	377
Yellow-throated Warbler		2			5	1	4	20	92
Prairie Warbler	2		3	7	13	3	8	23	221
Black-throated Green Warbler	5	5		1		1		2	169
Canada Warbler	3	6	2		1			1	121
Wilson's Warbler					2				24
Yellow-breasted Chat	3	6		15	7	2	2	9	146
unidentified warbler					6				6
Eastern Towhee	31	21	1	12	25	8	8	16	863
Chipping Sparrow	8	118	36	98	166	6	29	30	1918
Field Sparrow	13	5	5	15	23		5	9	419
Vesper Sparrow		2		7					20
Savannah Sparrow			2		2				73
Grasshopper Sparrow		9	10	15	43		2	4	236
Henslow's Sparrow									2
Saltmarsh Sparrow					1			1	2
Seaside Sparrow					112	43		22	183
Song Sparrow	7	12	1	9	11	5	1	5	930
Lincoln's Sparrow									29
Swamp Sparrow					12			1	99
White-throated Sparrow	3	4	1	4				2	189
White-crowned Sparrow									4
unidentified sparrow					12				12
Dark-eyed Junco									6
Summer Tanager			2	9	33	1	5	17	156
Scarlet Tanager	27	40	6	15	15		2	14	781
Northern Cardinal	35	255	79	168	133	13	33	46	3925
Rose-breasted Grosbeak	1		7	1	2			5	143
Blue Grosbeak		24	20	49	74	4	9	16	314
Indigo Bunting	16	151	19	114	109	7	26	63	1932
Dickcissel		3							17
Bobolink	30	1	3		11			3	699
Red-winged Blackbird	41	398	212	320	921	46	104	155	5946
Eastern Meadowlark	5	2		4	21	3		8	264
Rusty Blackbird									1
Common Grackle	8	392	174	648	564	3	30	138	4555
Boat-tailed Grackle					13	7		16	36
Brown-headed Cowbird	19	100	23	103	118	7	13	43	1335
unidentified blackbird					2				15
Orchard Oriole	3	27	7	17	61	3	6	14	476
Baltimore Oriole	15	12	1	17	2			26	656