

# 1999 Fall North American Migration Count In South Carolina

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Donna S. Bailey  
176 Raven's Place  
Winnsboro, SC 29180

The Fall 1999 North American Migration Count was conducted on September 18, 1999. 27,676 individuals of 204 species were discovered by 82 observers in 52 parties covering 12 counties in South Carolina on this seasonable fall day. Numbers of observers and counties included on the count are somewhat low because the count was disrupted by the evacuation and subsequent return of coastal residents due to Hurricane Floyd. Of this total 38 species were "exclusives," found only in one county. The exclusives break down as follows:

Aiken: 2	Fairfield: 1	Richland: 2
Charleston: 7	Georgetown: 7	Spartanburg: 3
Cherokee: 2	Hampton: 1	
Chester: 6	Jasper: 7	

## County Summaries

**Aiken County (Aike):** 107 species, 2752 individuals. 54° F - 80° F. 7:30 AM - 7:30 PM.

Participants: Coordinator Anne Waters, 1621 Apple Valley Drive, Augusta, GA 30906. 706/793-2788. John Austin, Paula Austin, Steve Bingham, Kathi Borgman, John Demko, Nancy Demko, Christine Huzella, Sandra Johnson, Carol Jordan, Paul Koehler, Richard Lux, Marylyn McLeod, Daphne Parker, Damon Paradise, Vernon Waters, Alice Walker, Carolyn White, Calvin Zippler

Aiken County's exclusives were excellent finds - 2 lingering Mississippi Kites and a Gray Kingbird that might have arrived with Hurricane Floyd.

**Barnwell County (Barn):** 58 species, 411 individuals. 60° F - 80° F. 8:00 AM - 3:00 PM.

Participants: Coordinator Teddy Shuler, 433 Sheraton Drive, Beech Island, SC 29842. 803-302-6104. Ned Shuler.

Barnwell County reported two Black-throated Green Warblers, three Yellow Warblers, and six early Ruby-crowned Kinglets.

**Charleston County (Char):** 132 species, 8122 individuals. 60° F - 78° F. 5:45 AM - 7:45 PM.

Participants: Coordinator Perry Nugent, 2260 Dallerton Circle, Charleston, SC 29414. 843/556-3841. Gifford Beaton, Jim Brownlee, Sue Brownlee, John Brubaker, Edward Conradi, Sandra Conradi, John Cottingham, Ben Smith, Craig Watson.

One of Charleston County's exclusives was an Orange-crowned Warbler, perhaps a somewhat early date for this species. The other Charleston exclusives were Least Bittern, Black-crowned Night-Heron, Peregrine Falcon, Sora, Marbled Godwit, and Gull-billed Tern.

**Cherokee County (Cher):** 91 species, 1490 individuals. 57° F - 78° F. Times not recorded.

Participants: Coordinator Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. 864/585-1228. Laura Bannan, Russell Bannan, Tim Brown, Sarah Campbell, Marion Clark, Dan Codispoti, Frances Craig, Sammy Floyd, Robin Gilman, Teressa Glen, John Green, Alice Henderson, Don Henderson, Betty Howard, Joel Jones, Dennis Kimbrell, Micky Marotte, Bill Moody, Bill Myeres, Mary Ann Myeres, Lisa Pearson, Ken Pearson, Doug Raynor, Emma Raynor, Alan Rose, Jenny Scott, Walton Scott, Gerald Thurmond, Les Young.

Exclusive to Cherokee County were Blackburnian Warbler and a lingering Orchard Oriole.

**Chester County (Ches):** 81 species, 479 individuals. 48° F - 72° F. 6:45 AM - 4:15 PM.

Participants: Coordinator Albert E. Conway, 1672 Deer Run Road, Catawba, SC 29704. 803/329-3759. Gail B. Ice.

Chester had an six exclusives – early Ring-necked Duck and Bufflehead, Common Snipe, Horned Lark, Grasshopper Sparrow, and the always excellent Barn Owl.

**Fairfield County (Fair):** 85 species, 1585 individuals. 51° F - 76° F. 4:30 AM - 8:30 PM.

Participants: Coordinator Donna S. Bailey, 176 Raven's Place, Winnsboro, SC 29180. 803/635-7032. Buddy Bailey, Bob Ellis, Tim Kalbach, Gary Sowell, Nancy Lyman.

Fairfield County's exclusive was an early Common Loon, found on Lake Monticello.

**Georgetown County (Geor):** 84 species, 2436 individuals. 65° F - 82° F. 7:30 AM - 4:30 PM.

Participants: Coordinator Jack Peachey, 103 Walnut Circle, Conway, SC 29520. 843/347-5810. Wendy Allen, Bob Maxwell, Paul Rogers.

Among Georgetown's exclusives were Piping Plover, Whimbrel, Red Knot, Bonaparte's Gull, Common Tern, and Seaside Sparrow. The Seaside Sparrow is a nice bird to find in South Carolina.

**Hampton County (Hamp):** 57 species, 548 individuals. 62° F - 85° F. 6:45 AM - 5:45 PM.

Participants: Coordinator Carroll Richard, P.O. Box 893, Hampton, SC 29924. 803/943-4661. David Breland, Karen Breland.

Hampton County's exclusive was a Purple Gallinule. Hampton County also reported an early Palm Warbler, a nice find along the coast which does not usually have the warbler push that the interior of the state sees.

**Jasper County (Jasp):** 53 species, 2448 individuals. 76° F - 78° F. 12:00 PM - 4:15 PM.

Participants: Coordinator Patricia E. Metz, Parkway Business Center, Suite 1000, Business Center Drive, Savannah, GA 31405. 912/652-4415 ext. 103. John Metz.

A half-day effort in Jasper yielded numerous exclusives, including American White Pelican, early Green-winged Teal and Northern Shoveler, Ruddy Duck, American Avocet, Lesser Yellowlegs, and Black Tern.

**Lexington County (Lexi):** 60 species, 1104 individuals. Temperatures not reported. 8:00 AM - 5:00 PM.

Participants: Coordinator Molly Bonnell, 220 Cannon Trail Road, Lexington, SC 29072. 803/359-6280. Andrea Ceselski, Jerry Griggs.

Two Tennessee Warblers and two Magnolia Warblers were nice finds for Lexington County.

**Richland County (Rich):** 80 species, 1432 individuals. 54° F - 82° F. 6:15 AM - 6:45 PM.

Participants: Coordinator Robin Carter, 4165 E. Buchanan Drive, Columbia, SC 29206. 803/788-8820. Bobby Desportes, Caroline Eastman, Heidi Hoerman, Kathleen O'Grady.

The exclusives reported from Richland County were Bicknell's Thrush, an excellent find anywhere in the state, and Ovenbird.

**Spartanburg County (Spar):** 97 species, 5195 individuals. 57° F - 78° F. 6:30 - 10:30 PM.

Participants: Coordinator Lyle Campbell, 126 Greengate Lane, Spartanburg, SC 29307. 864/585-1228. Laura Bannan, Russell Bannan, Tim Brown, Sarah Campbell, Marion Clark, Dan Codispoti, Frances Craig, Sammy Floyd, Robin Gilman, Teressa Glen, John Green, Alice Henderson, Don Henderson, Betty Howard, Joel Jones, Dennis Kimbrell, Micky Marotte, Bill Moody, Bill Myers,

Mary Ann Myers, Lisa Pearson, Ken Pearson, Doug Raynor, Emma Raynor, Alan Rose, Jenny Scott, Walton Scott, Gerald Thurmond, Les Young

Spartanburg County had three exclusives – an early Yellow-bellied Sapsucker, an early Winter Wren, and a Song Sparrow.

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North American Migration Count															
South Carolina															
18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species	
Common Loon						1							1	1	
Pied-billed Grebe		8	80	1	2	1	1		35			1	40	5	
American White Pelican									1				1	1	
Brown Pelican			191				189		1				190	2	
Double-crested Cormorant	2		129		27	11	15	2	20		10	3	88	7	
Anhinga	1	18	35								1		1	1	
Least Bittern			3										0	0	
Great Blue Heron	4	4	44	2	4	8	13	16	1	2	2	16	62	8	
Great Egret	3	1	149		23	30	110	19	107	2	1	2	294	8	
Snowy Egret			163				27	1	59				87	3	
Little Blue Heron	1		53				1	3	16				20	3	
Tricolored Heron			158				27		9				36	2	
Cattle Egret	43		1				32	7	10				49	3	
Green Heron	3	1	12		2		6	1		1	1	6	17	6	
Black-crowned Night-Heron			17										0	0	
Yellow-crowned Night-Heron			1				1		1				2	2	
White Ibis			71				75		536				611	2	
Glossy Ibis			8				1		67				68	2	
Wood Stork	38		44				3	31					34	2	
Canada Goose	40		21	66	34	35				37	55	149	310	5	
Wood Duck	28	6	85		1	4		11	3	9	1	9	38	7	
Green-winged Teal									9				9	1	
American Black Duck									12			1	13	2	
Mottled Duck			2						14				14	1	
Mallard	7				2						27	147	176	3	
Blue-winged Teal	5		256						434				434	1	

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Northern Shoveler									52				52	1
Ring-necked Duck					3								3	1
scaup sp.									2				2	1
Bufflehead					2								2	1
Ruddy Duck									1				1	1
Black Vulture	55	3	26	6	2	40		36				1	79	4
Turkey Vulture	38	8	80	8	5	35	7	21	10	14	8	29	129	8
Osprey			12		2		11		2	1		1	17	5
Mississippi Kite	2												0	0
Bald Eagle	2		3		4	2		10					16	3
Northern Harrier	2						2		3				5	2
Sharp-shinned Hawk			1	1	1							2	3	2
Cooper's Hawk											1	2	3	2
accipiter sp.									1				1	1
Red-shouldered Hawk	8		13		1	4	4	1		3	4	4	21	7
Broad-winged Hawk				2					2			1	3	2
Red-tailed Hawk	3		5	3	2	3	1	3		2	1	10	22	7
buteo sp.				2									0	0
American Kestrel	7		3	2		2	2	2		5	1		12	5
Merlin			2				1						1	1
Peregrine Falcon			1										0	0
Wild Turkey	9	17		8	7	18					1	28	54	4
Northern Bobwhite											1	9	10	2
Clapper Rail			44				15		6				21	2
Sora			6										0	0
Purple Gallinule								5					5	1
Common Moorhen		2	123				6	8	12				26	3
American Coot		6	6		3				3		1		7	3

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Black-bellied Plover			82				54						54	1
Semipalmated Plover			9				51						51	1
Piping Plover							2						2	1
Killdeer	36	4	4	23	17		9	4	2		13	63	108	6
American Oystercatcher			6				33						33	1
Black-necked Stilt			1						29				29	1
American Avocet									358				358	1
Greater Yellowlegs			136				44		22	3			69	3
Lesser Yellowlegs									115				115	1
Solitary Sandpiper	1		5						1			2	3	2
Willet			24				27						27	1
Spotted Sandpiper	1		3		2	1	5		1			1	10	5
Whimbrel							1						1	1
Marbled Godwit			1										0	0
Ruddy Turnstone			8				25						25	1
Red Knot							3						3	1
Sanderling	1		123				21						21	1
Western Sandpiper	3						2						2	1
Least Sandpiper	36		8										0	0
peep sp.							26		108				134	2
Pectoral Sandpiper	5		1										0	0
Dunlin			3				34						34	1
Short-billed Dowitcher			800				669						669	1
dowitcher sp.									16				16	1
Common Snipe					1								1	1
Laughing Gull			91				78		12				90	2
Bonaparte's Gull							1						1	1
Ring-billed Gull			63		13		13						26	2

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Herring Gull			2				24						24	1
Gull-billed Tern			1										1	1
Caspian Tern			4				122		2				124	2
Royal Tern			34				37						37	1
Sandwich Tern							83						83	1
Common Tern							3						3	1
Forster's Tern			5						3				3	1
Least Tern			2				2						2	1
Black Tern									4				4	1
Black Skimmer			24				160		2				162	2
Rock Dove	49		26		11	14					43	187	255	4
Mourning Dove	166	11	111	92	11	46	28	39	22	543	123	140	952	8
Common Ground-Dove	2						2		7				9	2
Yellow-billed Cuckoo	2	1	7	3							1	1	2	2
Barn Owl					2								2	1
Eastern Screech-Owl	1		4			4					5	7	16	3
Great Horned Owl	1		3			1					1	1	3	3
Barred Owl	4				1	1					4	1	7	4
Common Nighthawk	2				6						10		16	2
Whip-poor-will						1					2	1	4	3
Chimney Swift	73		2004	65	45	39		9		36	44	47	220	6
Ruby-throated Hummingbird	6	2	2	9	2	15	1	1		7	1	34	61	7
Belted Kingfisher	7	3	43	2	1	5	8	3	5	1	6	17	46	8
Red-headed Woodpecker	14	4	12	1		4		6			10	1	21	4
Red-bellied Woodpecker	65	2	37	5	3	17	1	5	1	21	26	21	95	8
Yellow-bellied Sapsucker												3	3	1
Downy Woodpecker	28	1	20	5	4	16				7	6	16	49	5
Hairy Woodpecker	1		1		1					1	7	2	11	4

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Red-cockaded Woodpecker			11				1						1	1
Northern Flicker	6	3	7	6		6	1			4	2	6	19	5
Pileated Woodpecker	27	12	20	2	1	7	2			2	9	4	25	6
Eastern Wood-Pewee	18	3	26			9		3		8	2	3	25	5
Acadian Flycatcher	1		2	1		1					7		8	2
Eastern Phoebe	1	1		2	1					1		21	23	3
Great Crested Flycatcher	1		5		1	1						1	3	3
Eastern Kingbird		2	7							4		6	10	2
Gray Kingbird	1												0	0
Horned Lark					17								17	1
Purple Martin	1		4										0	0
Tree Swallow			25				50	12				2	64	3
Northern Rough-winged Swa	90		37										0	0
Barn Swallow	15		5				4	54	3			3	64	4
Blue Jay	127		97	61	1	17	20	9		19	45	92	203	7
American Crow	62	15	104	67	30	48	2	18		46	53	162	359	7
Fish Crow	12		85	2	2	5	13	33		2	5		60	6
crow sp.	12		50				3	46	1	5			55	4
Carolina Chickadee	88	22	54	37	5	35		4		34	29	90	197	6
Tufted Titmouse	112	30	44	27	2	25	6	5		16	37	58	149	7
Red-breasted Nuthatch	1			1		1						2	3	2
White-breasted Nuthatch	14	1	20	2	1						8	9	18	3
Brown-headed Nuthatch	56	12	50	6	4	23		3		5	11	13	59	6
Carolina Wren	78	8	64	28	1	45	8	1		28	71	51	205	7
House Wren	1					3					1	1	5	3
Winter Wren												1	1	1
Marsh Wren			4				2						2	1
Ruby-crowned Kinglet		6								1		9	10	2

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Blue-gray Gnatcatcher	7	2	10	2		6		4		3	4	8	25	5
Eastern Bluebird	20	7	15	31	5	11		14		8	5	94	137	6
Veery	2		1			26				2	12		40	3
Gray-cheeked Thrush						20				7	2		29	3
Bicknell's Thrush											1		1	1
Swainson's Thrush	1					31				8	30		69	3
Hermit Thrush	2					2						2	4	2
Wood Thrush						5		1			12	1	19	4
American Robin	10	6	18	43	11	1					3	71	86	4
Gray Catbird	9	5	6	9	2	17	4			5	7	8	43	6
Northern Mockingbird	36	15	43	37	9	26	16	17	2	26	17	39	152	8
Brown Thrasher	21	3	6	13	2	3	2	1		6	5	16	35	7
Loggerhead Shrike	4	1	1	1	2	1	2	4		1	6		16	6
European Starling	463	6	37	135	20	7	4	2		2	5	209	249	7
White-eyed Vireo	40	17	50		1	29	4	3		11	29	1	78	7
Blue-headed Vireo	1						1						1	1
Yellow-throated Vireo	4			1									0	0
Philadelphia Vireo						2						2	4	2
Red-eyed Vireo	9	2	53	2		29	10	1		5	8	3	56	6
Blue-winged Warbler	3		1								1		1	1
Golden-winged Warbler						2						1	3	2
Tennessee Warbler			2	2		1				2			3	2
Orange-crowned Warbler			1										0	0
Northern Parula	15		9		3	8		4		4	13		32	5
Yellow Warbler		3				2						4	6	2
Chestnut-sided Warbler	2			9		3					2		5	2
Magnolia Warbler				3		13				2	3	3	21	4
Black-throated Blue Warbler	1		1							1	3		4	2

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Yellow-rumped Warbler		12			1							2	3	2
Black-throated Green Warbler		2		1								3	3	1
Blackburnian Warbler				4									0	0
Yellow-throated Warbler	1			1	2	2		1		2		2	9	5
Pine Warbler	94	15	51	7	1	29		9		13	28	26	106	6
Prairie Warbler			5				2						2	1
Palm Warbler	1		52		1	20	2	1	17			10	51	6
Black-and-white Warbler	9	1	10	3		9		2			3	6	20	4
American Redstart	20		6	25	3	14		7		4	26	12	66	6
Prothonotary Warbler		2			1								1	1
Worm-eating Warbler	1										1		1	1
Ovenbird											1		1	1
Northern Waterthrush			18			2					3		5	2
Louisiana Waterthrush	4				1							1	2	2
Common Yellowthroat	3	7	30		2	18				9		13	42	4
Hooded Warbler	2		2	2		4							4	1
Yellow-breasted Chat				2		1						1	2	2
Summer Tanager	18	11	22		1	7		1		4	7	7	27	6
Scarlet Tanager	3				1	7					1	1	10	4
Northern Cardinal	109	8	117	25	2	46	11	12		48	76	74	269	7
Rose-breasted Grosbeak	1			1	1	4							5	2
Blue Grosbeak	2		4		2	6		16		4			28	4
Indigo Bunting	4		82	2	1	23						3	27	3
Painted Bunting			9				1						1	1
Eastern Towhee	39	4	14	14	1	24	1			10	4	15	55	6
Chipping Sparrow	7	20	20	7	1	2	8	1				23	35	5
Field Sparrow		3		23	1	1						3	5	3
Savannah Sparrow			3		4								4	1



18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
Hours foot	17.75	2	30	11	7	10	7.25	6	3	9	11	33.5		86.75
Hours car	18.25	5	16	12.25	2.5	6	1.75	5	1	2	7	11.5		36.75
Hours boat	0			0	0	0		0		0	0	3		3
Hours canoe/kayak	0			0	0	0		0		0	0	0		0
Hours bike	0			0	0	0	2	0		0	0	0		2
Hours horseback	0			0	0	0		0		0	0	0		0
Hours other	0		2	0	0	0		0		0	0	0		0
Miles foot	29.5	2	18	12	12	5	9.25	4	5	5.5	8	25.5		74.25
Miles car	212.5	77	52	101.5	131	131	23.5	121	50	61	107	241.6		866.1
Miles boat	0			0	0	0		0		0	0	8		8
Miles canoe/kayak	0			0	0	0		0		0	0	0		0
Miles bike	0			0	0	0	6.5	0		0	0	0		6.5
Miles horseback	0			0	0	0		0		0	0	0		0
Miles other	0		7	0	0	0		0		0	0	0		0
Hours Feeder Watch	10.5		0	0	0	0		0		0	0	25		25
#Feeder Watchers	4		0	0	0	0		0		0	0	13		13
#Feeder Stations	9		0	0	0	0		0		0	0	10		10
Hours Stationary	0		0	0	0	0		0		0	0	0		0
#Parties Stationary	0		0	0	0	0		0		0	0	0		0
#Observers Stationary	0		0	0	0	0		0		0	0	0		0
Hours Owling	0		0	0	0	3		0		0	0.5	1.5		5
Miles Owling	0		0	0	0	0		0		0	0	5		5
#parties owling	0		0	0	0	1		0		0	1	3		5
#observers owling	0		0	0	0	1		0		0	2	4		7

18 September 1999	Aike	Barn	Char	Cher	Ches	Fair	Geor	Hamp	Jasp	Lexi	Rich	Spar	TOTAL Individuals	# Counties Reporting Species
TEMPERATURE: PRE-DAV	54		60	59	-	51	65	-			54	59		
DAWN	60	60	62	57	48	-	72	62			54	57		
AM	74		70	61	-	-	82	72			76	61		
NOON	77	80	78	76	-	70		86	76		77	76		
PM	80		75	78	72	76		85	78		82	78		
SUNSET	68		-	75	-	73		-				75		
NIGHT	68		-	60	-	-		-				60		
WIND: PRE-DAWN	0		2	8	-	0		0			0	8		
DAWN	0	0	2	3	-	0		0			0	3		
AM	9		5	8	-	0	3	0			S, 3	8		
NOON	6	5	15	5	-	0	3	2	10		S, 3	5		
PM	5		5	16	-	0	3	2	5 to 15		S, 3	16		
SUNSET	5		-	6	-	0		-			0	6		
NIGHT	5		-	0	-	0		-				0		
%CLOUDS: PRE-DAWN	5		40	0	-	0		-			0	0		
DAWN	15	10	40	0	-	0		40			5	0		
AM	10		40	0	-	10	0	100			20	0		
NOON	0	0	10	0	-	10	30	100	75		30	0		
PM	50		10	0	-	20	55	100	80		30	0		
SUNSET	0		-	0	-	20		-				0		
NIGHT	85		-	0	-	-		-				0		
PRECIPITATION:	0	0	0	0	0	0	0	0	0	0	0	0		