

Fall 2001 North American Migration Day Count in South Carolina

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550 Pin Oak Drive
Lexington, SC 29073

The Fall 2001 North American Migration Count was held on September 15, 2001. In South Carolina 18,568 individuals of 194 species were tallied. 111 observers in 74 parties participated in 13 counties across the state.

High winds adversely affected the Fall 2001 Count. All counties reported winds of Beaufort scale 2 or greater, with two counties reporting periods of winds of Beaufort scale 5. The high winds sent many birds into hiding and made hearing difficult. Those who did find birds on this windy day reported that they were in sheltered areas, out of the wind.

A comparison of the Fall 2000 and the Fall 2001 Counts reveals that the diversity of birds reported was undermined somewhat by the difficulty of finding birds in the winds. While the Fall 2001 Count had two more counties reporting than reported in fall 2000 and, consequently, greater coverage and participation, six fewer species and 1,525 fewer individual birds were tallied for fall 2001. Shorebird and songbird diversity within selected families on the Fall 2001 Count was down from the previous autumn's count, while sparrow diversity increased slightly. Several species of shorebird were absent from the Fall 2001 Count, including Black-necked Stilt and American Avocet, perhaps due simply to the absence of Jasper County (and the Savannah Spoil Site) from the Fall 2001 Count. 29 species of warbler were reported in Fall 2000, and 28 species of warbler were reported in Fall 2001. Blackpoll Warbler and Swainson's Warbler occurred on the statewide tally for this fall's count, but Golden-winged Warbler, Orange-crowned Warbler, and Canada Warbler were not found in fall 2001, as they had been last year.

Continued monitoring of a trend noted in the spring 2001 summary finds that numbers of Common Yellowthroat are down on this fall's count. 262 Common Yellowthroats were counted in fall 2000. For fall 2001, 102 individuals were counted, a drop of 61.1%. While Common Yellowthroat was reported from all counties, two counties (Colleton and Kershaw) tallied well over half of all the Common Yellowthroats reported.

Numbers of Common Ground-Dove also declined on this fall's count. Last year 38 individuals from two counties (Georgetown and Jasper) were reported. This year, 2 individuals were reported from only one county, Georgetown. This species grows increasingly difficult to find in South Carolina.

Sparrow diversity increased by one species for the Fall 2001 Count, adding Savannah Sparrow and Grasshopper Sparrow to this year's count. Bachman's Sparrow, occurring on the statewide tally in fall 2000, was not found in fall 2001.

Among the widespread species reported from every county (except Calhoun, where coverage was limited to an hour) were Turkey Vulture, Mourning Dove, Blue Jay, Carolina Chickadee, Tufted Titmouse, Northern Mockingbird, White-eyed Vireo, Red-eyed Vireo, Common Yellowthroat, and Northern Cardinal. Mourning Dove was the most numerous of the widespread species, followed by Northern Cardinal.

Among the highlights of the Fall 2001 North American Migration Count are American White Pelican in Colleton County, Upland Sandpiper from Kershaw County, Black-billed Cuckoo in Dorchester County, Philadelphia Vireo from Lexington County, Purple Finch in Spartanburg County, Red Crossbill in Oconee County, and Dickcissel from Hampton County. 46 species were "exclusives," found only in one county. The exclusives are distributed as follows:

Aiken: 5	Georgetown: 14	Lexington: 1	Spartanburg: 3
Colleton: 10	Hampton: 1	Oconee: 5	
Dorchester: 2	Kershaw: 4	Richland: 1	

County Summaries

Aiken County (AIKE): 107 species, 2,739 individuals. 60° F to 78° F.

Start Time: 5:50 AM

Stop Time: 8:50 PM

Coordinator: Anne Waters

1621 Apple Valley Drive

Augusta, GA 30906

706-793-2788

Participants: Paula Austin, Dan Connelly, Gary Gray, Nancy Greco, Judy Gregory, Gene Howard, Joan Howard, Christine Huzella, Sandra Johnson, James Keener, Paul Koehler, George Reeves, Alice Walker, Doug Walker, Vernon Waters, Calvin Zippler

While Aiken County always reports a nice selection of warblers, this fall's count was a banner year. Aiken County tallied 19 of the 28 species of warbler found statewide. Several of these were exclusives: Blue-winged Warbler, Worm-eating Warbler, and Yellow-breasted Chat.

Calhoun County (CALH): 9 species, 17 individuals. Temperatures not reported.

Start Time: 8:00 AM

Stop Time: 9:00 AM

Coordinator: Tim Kalbach

159A Villas Court

West Columbia, SC 29170

803-808-7589

Participants: Tim Kalbach

Calhoun County reported a nice selection of songbird migrants, including Black-throated Blue Warbler, Chestnut-sided Warbler, and Scarlet Tanager. Calhoun County also reported Swainson's Warbler, possibly a local breeder at the surveyed locale, Congaree Bluff Heritage Preserve.

Cherokee County (CHER): 63 species, 905 individuals. 55° F to 71° F.

Start and stop times not reported

Coordinator: Lyle Campbell
126 Greengate Lane
Spartanburg, SC 29307
864-585-1228

Participants: Ken Garrett, J.B. Hines, Karla Lavender, Scott Lavender, Alan Rose, Ed Wilde

Cherokee County reported a nice Horned Lark and excellent numbers of Wild Turkey, as well as a nice pair of migrant warblers, Chestnut-sided Warbler and Magnolia Warbler.

Colleton County (COLL): 100 species, 2535 individuals. 60° F to 72°F.

Start Time: 7:25 AM Stop Time: 6:30 PM

Coordinator: Sharon Brown
PO Box 327
Adams Run, SC 29426
843-889-8299

Participants: Mrs. M. A. Aldenderfer, Van Atkins, Pete Laurie, Susan McConnell, Tuck McConnell, Bob Seigler, Liz Smylie

Some of the species found in a pocket of warbler fallout in Colleton County were Tennessee Warbler, Nashville Warbler, Blackpoll Warbler, and Northern Waterthrush, as well as more regularly occurring species, such as Magnolia Warbler, Black-throated Blue Warbler, and early Palm Warblers.

Dorchester County (DORC): 85 species, 1257 individuals. Temperatures not reported.

Start Time: 8:00 AM Stop Time: 5:30 PM

Coordinator: Dennis Forsythe
748 Swanson Avenue
James Island, SC 29412
843-798-3996

Participants: Donna Forsythe, Tom Burst, Margo McMicken, Ann Shahid, Susan Simmons, Jean Wattlely

Black-billed Cuckoo, Least Sandpiper, Dunlin, and Swainson's Warbler were nice to find in Dorchester County. Dorchester also reported good numbers of White Ibis and Red-headed Woodpecker.

Fairfield County (FAIR): 66 species, 565 individuals. 60° F to 75° F.

Start Time: 4:30 AM Stop Time: 7:00 PM

Coordinator: Donna Slyce Bailey
550 Pin Oak Drive
Lexington, SC 29073
803-996-0960

Participants: Bob Ellis, Kathleen O'Grady

One of two counties reporting winds of Beaufort scale 5, Fairfield was slow for songbirds, but the raptor count was better than average. With the exception of accipiters, Fairfield recorded every regularly occurring raptor, from Osprey to American Kestrel. Fairfield also reported Caspian Tern, only a third county record.

Georgetown County (GEOR): 85 species, 716 individuals. 65° F to 78° F.

Start Time: 7:30 AM Stop Time: 5:30 PM

Coordinator: Jack Peachey
103 Walnut Circle
Conway, SC 29520
843-347-5810

Participants: Wendy Allen, Charles Heacock

Along with the previously mentioned Common Ground-Dove, among the species exclusive to Georgetown County were Reddish Egret, American Oystercatcher, Great Black-backed Gull, Black Skimmer, Louisiana Waterthrush, and Cape May Warbler.

Hampton County (HAMP): 45 species, 581 individuals. 61° F to 80° F.

Start Time: 7:05 AM Stop Time: 4:05 PM

Coordinator: Carroll Richard
P.O. Box 893
Hampton, SC 29924
803-943-4661

Participants: David Breland, Karen Breland

Hampton County reported an excellent bird for count day, a Dickcissel, a species exclusive to Hampton County, as well as nice-to-find Yellow Warbler and early Yellow-rumped Warbler.

Kershaw County (KERS): 108 species, 2047 individuals. 62° F to 84° F.

Start Time: 5:00 AM Stop Time: 7:30 PM

Coordinator: Lex Glover
PO Box 117
Lugoff, SC 29078
803-438-9855

Participants: Lex Glover

As a result of surveying several areas that have historically hosted long-legged waders and shorebirds that are interesting because of the far inland location, Kershaw County tallied Snowy Egret, Little Blue Heron, White Ibis, Upland Sandpiper, and Least Sandpiper.

Lexington County (LEXI): 65 species, 1201 individuals. 69° F to 89° F.

Start Time: 7:00 AM Stop Time: 8:00 PM

Coordinator: Molly Bonnell
202 Cannon Trail Road
Lexington, SC 29072
803-359-6280

Participants: Andrea Ceselski, Barbara Darden, Jerry Griggs

Lexington County reported the previously mentioned Philadelphia Vireo, always nice to find in the state and exclusive to Lexington County for this count, as well as migrant Scarlet Tanager.

Oconee County (OCON): 65 species, 573 individuals. 50° F to 78° F.

Start Time: 6:40 AM Stop Time: 6:20 PM

Coordinator: Steve Wagner
316 E. Creswell
Greenwood, SC 29646
864-223-0416

Participants: Carroll Belser, Michael Childress, Don Cox, Steve Cox, Vicki Cox, Jennifer Dever, Sid Gauthreaux, Michelle Kittell, Drew Lanham, Larry LeCroy, Steve Patterson, Margaret Ptacek

Accumulating the usual good number of exclusives, Oconee County reported Red-breasted Nuthatch, Brown Creeper, Blue-headed Vireo, Dark-eyed Junco, and the previously mentioned Red Crossbill. Oconee County also reported a nice number of the "mountain" warblers, including Tennessee Warbler, Chestnut-sided Warbler, and Blackburnian Warbler.

Richland County (RICH): 53 species, 3150 individuals. 56° F to 76° F.

Start Time: 5:30 AM Stop Time: 8:30 PM

Coordinator: Robin Carter
4165 E. Buchanan Drive
Columbia, SC 29206
803-788-8820

Participants: Caroline Eastman, Ida Frueh, Paul Frueh, Lloyd Moon, Roger Thorndike

The species exclusive to Richland County was Yellow-bellied Flycatcher, a distinctly uncommon migrant. Richland also reported Blackburnian Warbler and Magnolia Warbler, a pair of nice-to-find species, among the migrant

warblers. Richland County was also one of only three counties reporting Common Nighthawk, along with Spartanburg and Cherokee Counties

Spartanburg County (SPAR): 93 species, 2282 individuals. 55° F to 71° F.
Start and stop times not reported

Coordinator: Lyle Campbell
126 Greengate Lane
Spartanburg, SC 29307
864-585-1228

Participants: Debbie Allman, Frankie Altman, Chris Anderson, Laura Bannon, Beth Bartel, Frank Bartel, Anna Bennett, Susan Bennett, Tim Brown, Sarah Campbell, Dan Codispoti, Linda Deahl, Glenn Englehardt, Roy Fowler, Pat Fowler, Ron Gahagan, Onoosh Gahagan, Robin Gilman, John Green, Betty Howard, Jessie Ivy, Connie Jenne, Ron Jenne, Joel Jones, Micky Marotte, Angela Miller, Mike Miller, Jim Miller, Margaret Miller, Bill Moody, Virl Momier, Ken Pearson, Lisa Pearson, Bob Powell, Doug Rayner, Ginny Scott, Walton Scott, Mac Shealy, Dick Thorpe, Lois Thorpe, Gerald Thurmond, Dan Wooten, Nancy Wooten

Spartanburg tallied a diverse selection of songbirds, including Tennessee Warbler, Nashville Warbler, Yellow Warbler, Yellow-rumped Warbler, and Purple Finch. Purple Finch was one of the species exclusive to Spartanburg County. Spartanburg County reported the highest number of Wild Turkey in the state, recording 64 birds.

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North American Migration Count
South Carolina

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Common Loon									1					1	1
Pied-billed Grebe			1	4		2	5		2			1		15	6
American White Pelican				4										4	1
Brown Pelican				49			3							52	2
Double-crested Cormorant	1			4		6	8		6	1				26	6
Anhinga	4			21	1			2	4	1				33	6
Least Bittern				1										1	1
Great Blue Heron	6		1	26	1	11	3	3	64	6	4		10	135	11
Great Egret	8			252	5	25	23	156	43	1	15		3	531	10
Snowy Egret				29	2		26	12	52					121	5
Little Blue Heron	3			8	1		14	1	8					35	6
Tricolored Heron				16			6							22	2
Reddish Egret							1							1	1
Cattle Egret	57			78	25				94	9				263	5
Green Heron	8			5		1	2		1		2	1	5	25	8
Black-crowned Night-Heron				2										2	1
White Ibis				204	95		13		30					342	4
Glossy Ibis				5			3							8	2
Wood Stork	2			28	1		41	8						80	5
Canada Goose	141		86		21				1	2	48		255	554	7
Wood Duck	13		5			2			14	4	3		4	45	7
Mottled Duck				2										2	1
Mallard	26				38			6		8			82	160	5
Northern Pintail	9													9	1
Blue-winged Teal							3							3	1
Black Vulture	33		16	30	40	41		69	38	13	7	1	6	294	11

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Turkey Vulture	48		12	62	18	46	10	39	56	32	27	4	22	376	12
Osprey	1			6	1	3	4		4		3		1	23	8
Bald Eagle	1			6		3	2	4	3					19	6
Northern Harrier	1			2		1	1							5	4
Sharp-shinned Hawk				1	2				3	1	1		2	10	6
Cooper's Hawk		1	1						1					3	3
accipiter sp.									1					1	1
Red-shouldered Hawk	11		1	3	18	2			1			1	3	40	8
Broad-winged Hawk						1					59			61	3
Red-tailed Hawk	3		7	2	5	2			6	5	3			41	9
American Kestrel	6		1	8	14	4		3	5	1				44	9
Peregrine Falcon	2													2	1
Wild Turkey	19		14		3	1	1		2				64	104	7
Northern Bobwhite	12				1	2			1	1			6	23	6
Clapper Rail				1			10							11	2
Common Moorhen	1			19			2	32						54	4
Black-bellied Plover							11							11	1
Semipalmated Plover	1			14			7							22	3
Piping Plover				1										1	1
Killdeer	53		10		35	2	1		18	2	11	1	20	153	10
American Oystercatcher							4							4	1
Greater Yellowlegs	8			2			8		1					19	4
Lesser Yellowlegs				3	1									4	2
Solitary Sandpiper									2					2	1
Willet							16							16	1
Spotted Sandpiper	1						6		3	1			1	12	5
Upland Sandpiper									4					4	1
Marbled Godwit							1							1	1
Ruddy Turnstone				10			8							18	2
Sanderling				166			6							172	2

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Semipalmated Sandpiper							2							2	1
Western Sandpiper	2			9			2							13	3
Least Sandpiper	79				1		2		18					100	4
peep sp.				2										2	1
Dunlin					12									12	1
Short-billed Dowitcher							63							63	1
dowitcher sp.							7							7	1
Common Snipe									2					2	1
Laughing Gull				367			41							408	2
Bonaparte's Gull				3										3	1
Ring-billed Gull				18			3		2					23	3
Herring Gull				43			7							50	2
Great Black-backed Gull							1							1	1
Gull-billed Tern				3										3	1
Caspian Tern				8		2	12	1						23	4
Royal Tern				53			20							73	2
Sandwich Tern				3			4							7	2
Forster's Tern				7			10							17	2
Black Tern				1										1	1
Black Skimmer							6							6	1
Rock Dove	17			12	16	2		25	102	100	2	89	53	418	10
Eurasian Collared Dove				5					9			1		15	3
Mourning Dove	105		47	17	81	16	4	44	84	107	56	15	98	674	12
Common Ground-Dove								2						2	1
Black-billed Cuckoo					1									1	1
Yellow-billed Cuckoo					1	2			1	1			2	7	5
Eastern Screech-Owl	7					1			2		1	1	1	13	6
Great Horned Owl									3				1	4	2
Barred Owl	1			1	2	2			4	1			2	13	7
Common Nighthawk			3									9	3	15	3

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Whip-poor-will			1						1					2	2
Chimney Swift	100				28	13	3	1	140	140	9	2200	58	2692	10
Ruby-throated Hummingbird	13		4	1	6	5		4	5	9	6		67	120	10
Belted Kingfisher	4		1	1		3	3		2	2	7		15	38	9
Red-headed Woodpecker	13			2	10	2		5	1			4	1	38	8
Red-bellied Woodpecker	37		4	13	8	3	3		4	16		7	26	121	10
Downy Woodpecker	15		8	10	6	7	2		3	3	5	3	23	85	11
Hairy Woodpecker	1				2							2	3	8	4
Red-cockaded Woodpecker					1				2					3	2
Northern Flicker	2		1	2				1	6	1		2	2	17	8
Pileated Woodpecker	18		1	4	5	2	1		1	5	2	1	5	45	11
Eastern Wood-Pewee	18		4	6	1		1		1	8	3	7	8	57	10
Yellow-bellied Flycatcher												1		1	1
Acadian Flycatcher	2											1		3	2
Eastern Phoebe			1		2	4			4		7		35	53	6
Great Crested Flycatcher	3		1	1	1		1				1	1	2	11	8
Eastern Kingbird					2				11	1				14	3
Horned Lark			1						4					5	2
Purple Martin													15	15	1
Tree Swallow	12			69	8		8			11				108	5
Northern Rough-winged Swallow	72	8				1			30					111	4
Bank Swallow					5				20					25	2
Barn Swallow	111			7	11			30	120					279	5
Blue Jay	58		43	7	7	19	16	1	41	38	4	19	79	332	12
American Crow	160		114	117	119	31		23	93	66	18	14	142	897	11
Fish Crow	1		2	26	40	3								72	5
crow sp.						20	1	7	2					30	4
Carolina Chickadee	104		15	49	22	21	14	1	25	48	29	23	74	425	12
Tufted Titmouse	107		18	38	17	19	14	3	34	37	13	10	84	394	12
Red-breasted Nuthatch										10				10	1

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
White-breasted Nuthatch	20			4	4		1		1		6	2	4	42	8
Brown-headed Nuthatch	54		3	7	3	5	13		40	9	1	11	18	164	11
Brown Creeper											2			2	1
Carolina Wren	74		16	20	16	5	8		44	35	13	22	54	307	11
House Wren					1	1			1	1		1	2	7	6
Marsh Wren				1										1	1
Ruby-crowned Kinglet	7				1								3	11	3
Blue-gray Gnatcatcher	5			12	4	2	1		8	8	1		5	46	9
Eastern Bluebird	48		15	2	6	2		5	21	44	13	4	113	273	11
Veery	3				1	2			1			2	1	10	6
Gray-cheeked Thrush	1					1								2	2
Swainson's Thrush	1			2		1			2			2		8	5
Hermit Thrush	3			1										4	2
Wood Thrush	1				1								2	4	3
American Robin	18		50		1	1			30	4		3	130	237	8
Gray Catbird	8		3		9		2		3	1	1		12	39	8
Northern Mockingbird	39		31	8	44	9	5	8	29	59	4	15	65	316	12
Brown Thrasher	12		1	1	2		1		10	8		1	24	60	9
Loggerhead Shrike	6		1		4			4	14	2			2	33	7
European Starling	335		174	47		50		3	177	88	73	13	42	1002	10
White-eyed Vireo	20		1	17	11	1	7	2	9	2	2	10	4	86	12
Blue-headed Vireo											6			6	1
Yellow-throated Vireo	2				4					2			1	9	4
Philadelphia Vireo										3				3	1
Red-eyed Vireo	18		3	7	8	2	4	1	21	4	6	4	3	81	12
Blue-winged Warbler	1													1	1
Tennessee Warbler				1							3		3	7	3
Nashville Warbler				1									1	2	2
Northern Parula	39	1		9	1	1		7	10		5	3	5	81	10
Yellow Warbler	1							1					1	3	3

15 September 2001	ATKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Chestnut-sided Warbler	7	1	5						3	1	3		14	34	7
Magnolia Warbler	4		4	1		1			5		1	1	10	27	8
Cape May Warbler							1							1	1
Black-throated Blue Warbler	2	1		2									1	6	4
Yellow-rumped Warbler	1							1					3	5	3
Black-throated Green Warbler	1								7		4			12	3
Blackburnian Warbler											1	1	2	4	3
Yellow-throated Warbler	1						2			1	1		1	6	5
Pine Warbler	72		5	26	3	6	3		26	12	7	12	18	190	11
Prairie Warbler	13				1		2		1				3	20	5
Palm Warbler	2		3	3			1		6				5	20	6
Blackpoll Warbler				2										2	1
Black-and-white Warbler	5	1	3	1	3		5		7	5	1	2	4	37	11
American Redstart	44	2	4	35	5	2	6	2	4	10		2	37	153	12
Prothonotary Warbler	1							1						2	2
Worm-eating Warbler	1													1	1
Swainson's Warbler		1			1									2	2
Ovenbird									3		2			5	2
Northern Waterthrush				5			1		1					7	3
Louisiana Waterthrush							1							1	1
Common Yellowthroat	8		2	37	6	2	6	2	22	3	4	1	9	102	12
Hooded Warbler	4				1				1		5		1	12	5
Yellow-breasted Chat	1													1	1
Summer Tanager	13			6	4	2			10	4	2	2	3	46	9
Scarlet Tanager	2	1	1						2	2	1		1	10	7
Northern Cardinal	113		29	27	42	37	10	9	49	79	10	48	115	568	12
Rose-breasted Grosbeak									2		2		1	5	3
Blue Grosbeak	5				2	4			1					12	4
Indigo Bunting	32			1	1	12		2	2			3	4	57	8
Painted Bunting							3	1	1					5	3

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
Observers	17	1	6	4	7	3	3	1	1	4	13	6	45	111	
Parties	13	1	5	7	4	2	2	1	1	3	1	2	32	74	
#Counties	1	1	1	1	1	1	1	1	1	1	1	1	1	13	
Hours foot	47.5	1	19.5	10.3	2	5.5	10.8	4.5	4	6.5	6.5	8.5	42	168.5	
Hours car	15	0	8.5	4	7.5	9	2.75	4.5	7.5	9	5	1	9.5	83.25	
Hours boat	0	0	0	0	0	0	0	0	0	0	0	0	2.5	2.5	
Hours canoe/kayak	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
Hours other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Miles foot	27.3	2	19.5	5.25	4	8	8	3	3	9	4	5	27.8	125.75	
Miles car	138	0	124	88.8	215	240	25	127	162	240	122	38	219	1738.8	
Miles boat	0	0	0	0	0	0	0	0	0	0	0	0	8	8	
Miles canoe/kayak	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
Miles other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hours Feeder Watch	5.5	0	4	0	8.5	0	0	0	0	4	0	0	59.5	81.5	
#Feeder Watchers	5	0	3	0	3	0	0	0	0	1	0	0	27	39	
#Feeder Stations	11	0	2	0	0	0	0	0	0	3	0	0	15	31	
Hours Stationary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#Parties Stationary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
#Observers Stationary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hours Owling	3	0	1.5	0	0	2	0	0	2	0	0	1.5	2	12	
Miles Owling	30	0	2	0	0	0	0	0	21	0	0	4	2	59	
#parties owling	3	0	2	0	0	1	0	0	1	0	0	1	3	11	
#observers owling	5	0	3	0	0	1	0	0	1	0	0	2	4	16	

15 September 2001	AIKE	CALH	CHER	COLL	DORC	FAIR	GEOR	HAMP	KERS	LEXI	OCON	RICH	SPAR	TOTAL Individuals	# Counties Reporting Species
TEMPERATURE: PRE-DAWN	60	-	62	-	-	61	-	-	-	-	-	58	62		
DAWN	60	-	55	60	-	60	-	61	62	69	50	56	55		
AM	62	-	60	62	-	65	65	69	-	75	56	62	60		
NOON	70	-	64	66	-	71	-	78	-	89	58	73	64		
PM	76	-	71	72	-	75	78	80	84	89	78	76	71		
SUNSET	78	-	67	70	-	66	-	-	-	82	76	74	62		
NIGHT	67	-	57	-	-	-	-	-	-	-	-	72	57		
WIND: PRE-DAWN	3	-	3	-	4	5	-	-	-	-	-	2	3		
DAWN	3	-	3	3	4	4	-	3	3	-	2	3	3		
AM	4	-	4	4	4	4	4-5	3	-	-	2	3	4		
NOON	3	-	5	3	4	4	-	3	-	-	2	3	4		
PM	3	-	3	3	4	4	4-5	3	3	-	2	2	3		
SUNSET	3	-	2	3	4	4	-	-	-	-	2	2	2		
NIGHT	2	-	2	-	4	3	-	-	-	-	-	2	2		
%CLOUDS: PRE-DAWN	40	-	10	-	-	50	-	-	-	-	-	70	10		
DAWN	75	-	10	90	-	0	-	10	-	-	0	70	10		
AM	5	-	10	90	-	0	35	50	-	-	0	80	10		
NOON	20	-	10	70	-	0	-	50	-	-	0	50	10		
PM	20	-	10	50	-	0	20	50	-	-	10	40	10		
SUNSET	25	-	10	40	-	0	-	-	-	-	10	50	10		
NIGHT	5	-	10	-	-	0	-	-	-	-	-	60	10		
PRECIPITATION: PRE-DAWN	0	0	0	0	0	0	0	0	0	-	0	0	0		
DAWN	0	0	0	0	0	0	0	0	0	-	0	0	0		
AM	0	0	0	0	0	0	0	0	0	-	0	0	0		
NOON	0	0	0	0	0	0	0	0	0	-	0	0	0		
PM	0	0	0	0	0	0	0	0	0	-	0	0	0		
SUNSET	0	0	0	0	0	0	0	0	0	-	0	0	0		
NIGHT	0	0	0	0	0	0	0	0	0	-	0	0	0		