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THE WINTER BIRD COUNT FOR 1993

Max C. Thompson and Eugene A. Young

This winter bird count, like the past two counts, is another record breaker. The 49 counts conducted this year were more than any other year with 1991 coming in a distant second with 42. The 157 species recorded this year breaks the 1992 record of 156. Three additional species not seen during a count, but recorded during count week were Ring-necked Doves at Emporia, Snow Bunting at John Redmond Reservoir, and a Rock Wren at Scott Lake. Although the 629 observers were high, it falls short of the 671 observers in 1988. Weather was excellent on most counts, with only one count recording snow. Manhattan had the high count with 95 species followed by the Lawrence count with their record high of 94 species. Arkansas City, Cedar Bluff, Emporia, Linn County, Oskaloosa/Perry Lake, Pomona Lake, Quivira National Wildlife Refuge, Scott Lake, Udall/Winfield, and Webster Reservoir all recorded 75 or more species. There were seven new counts this year and they included: Black Wolf/NW Ellsworth County, John Redmond Reservoir, Lakin, Old Garfield County, Red Hills, Ulysses, and Weskan.

One species, the Canyon Wren from Scott Lake, was added for the first time to the Christmas counts. Unusual or rare birds occurring this year included three Black-crowned Night Herons and two Thayer's Gull seen on the Wichita count; Hillsdale had

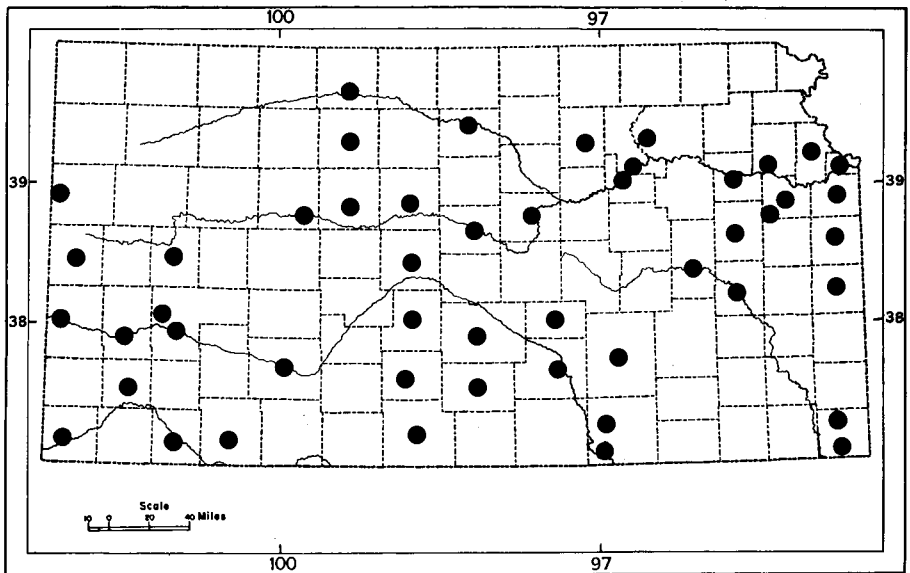


Figure 1. Location of 1993 count areas in Kansas.

one Greater Scaup and a Black-legged Kittiwake; one Greater Yellowlegs was at Webster Reservoir; an Inca Dove from Dodge City; a Roadrunner from the Red Hills; Say's Phoebe and Sage Thrasher from Cedar Bluff; Common Yellowthroat in Sawyer (just a

few Kansas winter records); a *Pyrrhuloxia* from Syracuse (third state record); a Rufous-crowned Sparrow from the Cimarron National Grasslands; a Golden-crowned Sparrow from Scott Lake.

Two species that were reported on counts, but were omitted, were the Chipping Sparrow and Smith's Longspur. The Chipping Sparrow was omitted for lack of documentation, in addition, the lack of verified records for this species (two) in winter make acceptable documentation extremely important. The Smith's Longspurs were reported on two counts but a description was included with only one count. This description was compared to specimens housed at the Museum of Natural History, Southwestern College, and it was felt that the description did not rule out the possibility of their being other, more common, longspurs. The other count provided no documentation.

Goose populations were high this year with over 150,000 seen including six Ross' Geese, one each in Lakin, Olathe and Oskaloosa/Perry Lake, and three in Linn County. Dabbling ducks were also in good numbers and diving ducks although abundant, were not near the record numbers of last year except for the 4,240 Common Goldeneyes and 25,400 Common Mergansers seen at Waconda Lake. A few waterfowl species deserve special attention. Wood Ducks were in high numbers with 201, after averaging only 37 per year since 1990. There were also 174 Blue-winged Teal (153 from Garden City). Both species are uncommon during winter months. Common Mergansers were down (except at Waconda) by over 40% compared to the record numbers of last year. Red-breasted Merganser were present with a total of 17 individuals reported from Lawrence (7), Linn County (1), and Pomona Lake (9). Another uncommon species on Christmas counts, the Ruddy Duck was present with 20 total individuals reported compared to last year's 57: Baxter Springs (1), Emporia (8), Hillsdale (4), John Redmond Reservoir (1), Kirwin Reservoir (1), Lawrence (2), and Topeka (3).

What a year for hawks and falcons. Almost all species showed large increases over 1992. The only falcon not seen was the Gyrfalcon. The Sharp-shinned Hawk (81) and Cooper's Hawk (39) and Northern Goshawk (1) had almost identical numbers in 1992 with 81, 32, and 4 respectively. The 456 Bald Eagles, 1,379 Northern Harriers, 31 Golden Eagles and 65 Prairie Falcons certainly attest to the high number of diurnal raptors within the state. There were also 3,297 Red-tailed Hawks (1,975 average since 1989) and an additional 48 Harlan's (27 average since 1989). A remarkable 298 were seen on the Udall/Winfield count and 258 in Manhattan. Many counts reported over 100 individuals. Since 1989, Ferruginous Hawks have followed an interesting pattern of decreasing in numbers every other year with 1993 being the year on the upswing. Populations were almost 50% (108) greater than 1992 (56). The Cimarron count had the high of 41 individuals.

The lack of frozen water in marshy areas allowed for some species to remain in the state. For example, the Virginia Rail (10), Common Snipe (57) and Marsh Wren (25) were all reported in high numbers. The Great Blue Heron seems to be increasing in numbers during the winter season. The heavy rains last spring and a mild early winter provided good peripheral marshy areas for Great Blue Herons. The 302 reported may be the highest ever and certainly is higher than the average of 216 since 1989. Manhattan had the high with 81 individuals.

Woodpecker numbers were up over last year's totals, with the exception of the Red-headed Woodpecker (332) and Ladder-backed Woodpecker (4). The 146 Yellow-bellied Sapsuckers observed were almost three times higher than 1992 and much greater than the average of 43 since 1990. Pileated Woodpeckers were also reported in good numbers with 28, close to the record of 32 in 1991.

The Red-breasted Nuthatch finally returned to the state in impressive numbers (323), after several years with few being recorded (37 in 1990, 19 in 1991, and 31 in 1992). White-breasted Nuthatches were also quite abundant with 933, slightly higher than the 886 recorded in 1991. Kinglets were common, with 535 Golden-crowned and in impressive 52 Ruby-crowned. Ruby-crowned Kinglets have averaged only 16 individuals since 1989, their usual wintering grounds being to the south of Kansas. Eastern Bluebirds, Hermit Thrush, Brown Thrasher and Curve-billed Thrasher also increased in numbers

from last year. The Mountain Bluebird was very abundant in the Red Hills count with 772 of the 1,154 recorded this year.

Although sparrows didn't seem to be as common as in years past, good numbers and species were recorded. Tree Sparrows rebounded from 13,185 last year to 22,112. The mild weather certainly helped the number of Savannah Sparrows with 26 being recorded. Fifteen of these were recorded from the Arkansas City count (actually recorded in northern Oklahoma), along a roadside ditch with adjoining upland prairie. Excluding those in Oklahoma, 16 were recorded in the state, still a high number. Harris' Sparrow numbers were just short of the 10,297 average since 1989, with 9,636 individuals. Dark-eyed Juncos were present in good numbers with the White-winged Junco having 5 individuals (one at Scott Lake, two at Junction City, and two on the Cimarron Count) and the Gray-headed Junco having one individual reported (Scott Lake).

Several grassland species declined from the incredible numbers of last year: the Lapland Longspurs, longspurs in general, and Horned Larks. The number of Eastern Meadowlarks remained almost constant with 2,222 compared to 2,157 in 1992. Western Meadowlarks showed a rather large increase going from 2,928 in 1992 to 4,820 in 1993. The increase in Western Meadowlarks may be due to the increase in coverage of western parts of the state with several new western counts added this year.

Purple Finches (126) and House Finches (437) showed increases in numbers from last year. However, the Pine Siskin (834) and American Goldfinch (5,448) showed decreases. Interestingly, American Goldfinch populations have remained fairly stable since 1992 with 5,979, and 5,857 in 1992. The average since 1989 for American Goldfinch is 5,078. Most northern finches such as crossbills were noticeably absent or present only in small numbers in the state.

Some editorial comments are due from the 1992 count. The review of the counts in the March 1993 bulletin listed a Glaucous-winged Gull. This should have read Glaucous Gull. The Glaucous-winged Gull has never been recorded in Kansas. Several Kansas counts were high in the nation as published by the National Audubon Society for the 1992 count: Common Goldeneye (Waconda Lake), Common Merganser (Waconda Lake), Greater Prairie-chicken (Emporia), Lesser Prairie-chicken (Cimarron Grasslands), Horned Lark (Liberal), American Tree Sparrow (Quivira), Harris' Sparrow (Udall/Winfield), Lapland Longspur (Liberal), Eastern Meadowlark (Emporia).

Dept. of Biology, Southwestern College, Winfield, KS 67156-2499.

Arkansas City. 37° 02'N, 97° 02'W. Center as described in 1978 at intersection U.S. Highway 77 and Arkansas River to include Arkansas River, Walnut River, Camp Horizon, Chaplin Nature Center (part of count circle is in N. Oklahoma). 26 December 1993, 7:30 a.m. to 5:00 p.m., 32° to 53°F. Wind S 5 mph. Still water open, moving water open, a.m. clear, p.m. partly cloudy. Nineteen observers in 5-7 parties, plus 1 at feeders. Total party-hours 48 (22 on foot, 26 by car) plus .75 hours owling. Total party-miles 354.5 (22.5 on foot, 332 by car) plus 5 miles owling. Total 76 species, 13,557 individuals.

Wallace Champeny, Jack Dennett, Norma Dennett, Rick Goodrick, Beverly DuGay, John Hankins, Dan Kilby, Mike Lesan, Jean Roark, Miriam Roark, David Seibel, Eddy Stegall, Savilla Stegall, Max Thompson, Donald Vannoy (compiler — 2458 Coolidge St., Wichita, KS 67204-5616), Gerald Wiens, Anna Wiley, Ralph Wiley, Eugene Young.

Baldwin. 38° 47'N, 95° 16'W. Center as described in 1986 at junction Hwys. 56 and 59. 19 December 1993, 6:00 a.m. to 5:00 p.m., 21° to 45°F. Wind SW 10-15 mph. Still water partly frozen, moving water open, a.m. clear, p.m. partly cloudy. Sixteen observers in 7 parties. Total party-hours 47.75 (9.75 on foot, 38 by car) plus 2.25 hrs owling. Total party-miles 401 (11 on foot, 390 by car) plus 21 miles owling. Total 68 species, 11,639 individuals.

Gennie Agin, Richard Bean, Jan Boyd, Jon Boyd, Roger Boyd (compiler — P. O. Box

65, Baker University, Baldwin City, KS 66006), Tom Church, Cal Cink, Tony Ikenberry, Katharine Kelley, Town Peterson, Barbara Pressgrove, Martin Pressgrove, Rosa Salazar, Ruth Scott, Joyce Wolf, Ronald Wolf.

Baxter Springs. 37° 10'N, 94° 16'W. Center as described 1992 at Riverton. 26 December 1993, 7:15 a.m. to 4:45 p.m., 36° to 59°F. Wind S 0-5 mph. Still water partly open, moving water open, a.m. clear, p.m. partly cloudy. One observer in 1 party. Total party-hours 9.5 (6 on foot, 3.5 by car). Total party-miles 70 (5 on foot, 65 by car). Total 59 species, 4,100 individuals.

James D. Rising (compiler — Dept. Zoology, University of Toronto, Toronto, Ontario, Canada M5S 1A1).

Black Wolf/NW Ellsworth County (new count). 38° 45'N, 98° 22'W. Center .75 miles north of Black Wolf. 8 January 1994, 7:00 a.m. to 6:00 p.m., 15° to 47°F. Wind SE 15-20 mph to N 5-10 mph. Still water partly frozen, moving water open, a.m. clear, p.m. clear. Three observers in 2 parties, plus 3 at feeders. Total party-hours 13 (4 on foot, 9 by car), plus 6 hours at feeders. Total party-miles 116 (4 on foot, 112 by car). Total 53 species, 6,905 individuals.

Dave Klema, Carolyn Nondorf, Beth Ptacek, Larry Ptacek, Ellen Rader, Mike Rader (compiler — Box 395, Wilson, KS 67490).

Byron Walker Wildlife Area. 37° 36'N, 98° 16'W. Center as described 1963 at Headquarters, Byron Walker Wildlife Area, Kingman Co. 30 December 1993, 8:00 a.m. to 5:30 p.m., 48° to 20°F. Wind S 8 mph. Still water frozen, moving water partly frozen, a.m. clear, p.m. clear. Six observers in 2 parties. Total party-hours 14 (4 on foot, 10 by car). Total party-miles 153 (4 on foot, 149 by car). Total 53 species, 9,921 individuals.

Wilma Hawkins, Stuart Schrag, Troy Smith, Byron Walker (compiler — 2351 West Copeland, Kingman, KS 67068), June Walker, Bob Wood.

Camp Naish. 39° 04'N, 94° 54'W. Center as described 1993 at corner of sections 21, 22, 27, 28 T11S, R23E. 20 December 1993. 6:30 a.m. to 5:00 p.m., 30° to 40°F. Wind NW 4 mph. Still water open, moving water open, a.m. partly cloudy, p.m. clear. Six observers in 2 parties. Total party-hours 18 (16 on foot, 2 by car) and 1 hour owling. Total party-miles 16 (12 on foot, 4 by car) and 3 miles owling. Total 35 species, 677 individuals.

Alexis Powell, David Reber, Stan Roth (compiler — Lawrence High School, 1901 Louisiana St., Lawrence, KS 66046-2938), Erin Shoulberg, Art Swalwell, Nate Williams.

Cedar Bluff. 38° 45'N, 99° 46'W. Center as described 1992 at former Smoky Hill river channel 2 miles west of Cedar Bluff dam. 26 December 1993, 7:40 a.m. to 4:40 p.m., 28° to 58°F. Wind W 0-15 mph. Still water partly frozen, moving water open, a.m. partly cloudy, p.m. cloudy. Nine observers in 4 parties. Total party-hours 22.5 (6.5 on foot, 16 by car). Total party-miles 198.5 (6.5 on foot, 192 by car). Total 75 species, 5,069 individuals.

Dave Bryan, Margaret Linderer, Steve Linderer, Mike Rader, Amy Rose, David Rose, Scott Seltman (compiler — R.R. 1, Box 36, Nekoma, KS 67559), Sara Shane, Tom Shane.

Cheyenne Bottoms Wildlife Area. 38° 26'N, 98° 35'W to 38° 31'N, 98° 44'W. Center not circular. 21 December 1993. 8:00 a.m. to 2:30 p.m., 25° to 40°F. Wind NW 15-25 mph. Still water partly frozen, a.m. clear, p.m. partly cloudy. Four observers in 2 parties. Total party-hours 10 (1 on foot, 9 by car). Total party-miles 72 (3 by foot, 69 by car). Total 38 species, 11,910 individuals. Additional species seen in count circle **count week** but **not** on count day — Yellow-headed Blackbird, Snow Goose, Pied-billed Grebe.

Gene Bahr, Karl Grover, Helen Hands (compiler — Cheyenne Bottoms Wildlife Area, Rt. 3, Box 301, Great Bend, KS 67530), Larry Hesed.

Cimarron National Grassland. 37° 07'N, 101° 52'W. Center at 7 miles N, 2 miles E,

Elkhart, Morton Co. 31 December 1993, 7:30 a.m. to 5:30 p.m., 29° to 45°F. Wind SW 15 mph. Still water partly frozen, a.m. clear, p.m. partly cloudy. Twenty-six observers in 9 parties. Total party-hours 69.75 (21.5 on foot, 48.25 by car). Total party-miles 599.75 (31.25 on foot, 568.5 by car). Total 66 species, 27,480 individuals. Additional species seen in count circle **count week** but **not** on count day: Short-eared Owl, Common Merganser.

J. & S. Barnes, P. & R. Beckemeyer, D. & L. Bryan, M. Corder, I. LaBella, E. McHugh, K. & S. Miesenzahl, S. Patti (compiler — 552 W. Belden Ave., Chicago, IL 60614), G. Pittman, M. Rader, A. Rose, R. Rucker, D. & S. Seltman, T. Shane, Lawrence, Leanna & Ruth Smith, M. Thompson, J. Tucker, J. Wilson, G. Young.

Dodge City. 37° 46'N, 99° 58'W. Center as described 1992 at St. Mary of the Plains College. 18 December 1993, 7:45 a.m. to 5:00 p.m., 28° to 39°F. Wind NW 5-10 mph. Still water partly frozen, moving water partly frozen, a.m. clear, p.m. clear. Fourteen observers in 3-5 parties, plus 5 at feeders. Total party hours 37 (5.33 on foot, 31.67 by car). Total party-miles 345 (4 on foot, 341 by car). Total 50 species, 10,488 individuals. Additional species seen in count circle **count week** but **not** on count day: Cedar Waxwing.

Joyce Davis, Richard Dryden, Pat Dryden, Joleen Fromm (compiler — 2402 5th Ave., Dodge City, KS 67801), Ann Gould, Roberta Harkness, Lois Hunter, Lou Love, Paul Schowalter, Tom Shane, Douglas Spain, Frances Spain, Shirley Vieux, Judy Young.

El Dorado Lake. 37° 51'N, 96° 52'W. Center as described 1992 at near center of lake, 1 mile NE of the center of the dam. 21 December 1993, 8:00 a.m. to 5:00 p.m., 20° to 48°F. Wind SW 10-20 mph in morning, N in afternoon. Still water partly frozen, moving water partly frozen, a.m. clear, p.m. clear. Eight observers in 3 parties. Total party-hours 24 (11 on foot, 13 by car). Total party-miles 231 (10 on foot, 221 by car). Total 67 species, 21,934 individuals.

Pat Beckemeyer, Rick Goodrick, Pete Janzen (compiler — 3137 Mascot, Wichita, KS 67204-4407), Dan Kilby, Jean Roark, Mim Roark, Sandra Tholen, Don Vannoy.

Emporia. 38° 27'N, 96° 05'W. Center as described 1985 at one mile south of Lang. 19 December 1993, 6:00 a.m. to 6:00 p.m., 20° to 46°F. Wind SW 0-12 mph. Still water open, moving water open, a.m. clear, p.m. cloudy. Nineteen observers in 8 parties. Total party-hours 64.5 (21 on foot, 43.5 by car). Total party-miles 440 (23 on foot, 417 by car). Total 84 species, 15,796 individuals. Additional species seen in count circle **count week** but **not** on count day: Ringed Turtle-Dove, White-throated Sparrow.

Michael Childress, Laura Dodge, Roger Ferguson, Hugh Hanson, Thelma Hanson, Brandon Kuehn, Brian Kuehn, Marvin Kuehn, Lotta Matson, Wes Matson, Paul McKnab, Drake Miller, Margaret Ptacek, David Saunders, Sandy Saunders, Jean Schulenberg (compiler — Rt. 2, Box 36, Admire, KS 66830), Marvin Schwilling, Dena Tabor, Kathleen Tabor.

Garden City. 37° 55'N, 100° 47'W. Center as described in 1992 at 4 miles SE of Junction of US Hwy 83 and US Hwy 50. 19 December 1993, 7:30 a.m. to 5:00 p.m., 17° to 36°F. Wind WNW 7 mph a.m. and N 21 mph p.m. Still water partly open, moving water open, a.m. cloudy, p.m. cloudy. Fourteen observers in 7 parties, plus 7 at feeders. Total party-hours 37.25 (7.75 on foot, 29.5 by car) plus 13 hours at feeders. Total party-miles 276.5 (9.5 on foot, 267 by car). Total 55 species, 12,075 individuals. Additional species seen in count circle **count week** but **not** on count day: Inca Dove, Wild Turkey, Cedar Waxwing, White-throated Sparrow, Northern Shrike, Eastern Screech Owl, Bewick's Wren, Long-eared Owl, Field Sparrow.

Dan Baffa, Barbara Campbell, Bob Campbell, Joyce Davis, Joleen Fromm, Craig Jamison, Ron Jamison, Ross Jamison, Virginia Long, Art Nonhof, Marie Osterbuhr (compiler — 1103 Gillespie Pl., Garden City, KS 67846-5946), Betty Rich, Leonard Rich, Emaline Scott, Jess Scott, Sara Shane, Tom Shane.

Halstead-Newton. 38° 04'N, 97° 28'W. Center as described 1972 at 5.75 miles NE of Halstead. 18 December 1993, 7:00 a.m. to 5:00 p.m., 29° to 42°F. Wind SSW 5-15 mph. Still water partly open, moving water open, a.m. clear, p.m. clear. Eighteen observers in 6 parties, plus 1 at feeders. Total party-hours 52.1 (25.75 on foot, 26.35 by car), plus 4 hours at feeders. Total party-miles 378 (47.5 on foot, 330.5 by car). Total 58 species, 8,679 individuals.

Andrea Andres, Andy Brown, Bob Dester, Bev DuGay, Ray Franz, Gregg Friesen, Brad Guhr, Lorna Harder (compiler — The Kauffman Museum, Bethel College, North Newton, KS 67117), Allen Jahn, Paul Jantzen, Wes Pauls, Mitchell Ratley, Bob Regier, Nancy Roupp, Richard Schmidt, Carolyn Schwab, Doug Storer, Jim Storer, John Torline, Nada Voth.

Hays. 38° 47'N, 99° 23'W. Center as described 1987. 18 December 1993, 8:00 a.m. to 5:30 p.m., 27° to 42°F. Wind NW 0-5 mph. Still water partly open, moving water partly frozen, a.m. partly cloudy, p.m. partly cloudy. Six observers in 2 parties, plus 2 at feeders. Total party-hours 15 (5 on foot, 10 by car), plus 3 hours at feeders. Total party-miles 197.5 (7.5 on foot, 190 by car). Total 47 species, 3,794 individuals.

Earl Carlson, Donna Cooper (compiler — 2906 Walnut, Hays, KS 67601), Mark Cooper, Katherine Mermis, David Pollock, Annie Steele.

Hillsdale Lake. 38° 37'N, 94° 52'W. Center as described 1991 at Hillsdale Lake area. 8 January 1994, 8:00 a.m. to 4:00 p.m., 9° to 32°F. Wind N 2-3 mph. Still water frozen, moving water frozen, a.m. partly clear, p.m. partly clear. Ten observers in 3 parties. Total party-hours 18.5 (1 on foot, 17.5 by car). Total party-miles 175 (1 on foot, 174 by car). Total 62 species, 5,208 individuals.

Jim Bell (compiler — Hillsdale Lake, 26000 W. 255th, Paola, KS 66071), Joe Brostern, Amber Clisso, Steve Crawford, Stacy Lakes, Aimee Leslie, Cindy Heckman, Jim Surman, Carol Surman, Art Swalwell.

John Redmond Reservoir (new count). 38° 16'N, 95° 49'W. Center at 1 mile W of Ottumwa at the center of S25, 26, 35, 36, T20S, R14E. 18 December 1993, 6:30 a.m. to 5:30 p.m., 30° to 44°F. Wind N-NW 5-15 mph. Still water open, moving water open, a.m. partly cloudy, p.m. partly cloudy. Sixteen observers in 7 parties, plus 1 at feeder. Total party-hours 40.25 (17.25 on foot, 23 by car), 2 hours at feeders and 2 hours owling. Total party-miles 304 (19 on foot, 285 by car) plus 5 miles owling. Total 73 species, 17,813 individuals. Additional species seen in count circle **count week** but **not** on count day: Snow Bunting.

Bob Culbertson, Carol Culbertson, Leonard Harper, Jenel Harper, Edith Houser, Max Houser, Layne Knight, Linnie Knight, Brad Loveless, Jim McMurray, Jim Minerath (compiler — Box 128, Hartford, KS 66854), Dan Williamson.

Junction City. 39° 00'N, 96° 53'W. Center as described 1992 at I-70 roadside rest area W of Junction City. 27 December 1993, 5:00 a.m. to 6:00 p.m., 12° to 35°F. Wind N-NW 10-22 mph. Still water partly frozen, moving water partly frozen, a.m. cloudy, light snow, p.m. cloudy. Ten observers in 4 parties, plus 3 at feeders. Total party-hours 36 (11 on foot, 25 by car) plus 4 hours at feeders, 1 hour owling. Total party-miles 294.75 (10.75 on foot, 284 by car), plus 24 miles owling. Total 62 species, 10,222 individuals. Additional species seen in count circle **count week** but **not** on count day: American White Pelican, Redhead, Bufflehead, Hooded Merganser, Greater Prairie-chicken, Eastern Screech-owl, Mountain Bluebird.

Joanne Brier, Stacey Cooke, Buddy Gray, Chod Hedinger, Cindy Jeffrey, Gary Jeffrey, Jay Jeffrey, Sarah Merrill, Chuck Otte (compiler — 613 Tamerisk, Junction City, KS 66441), Guy Smith.

Kirwin Reservoir. 39° 42'N, 99° 08'W. Center at 1 mile N of Kirwin. 22 December 1993, 7:00 a.m. to 5:30 p.m., 19° to 35°F. Wind WNW 5-15 mph. Still water partly frozen,

moving water open, a.m. partly cloudy, light snow, p.m. partly cloudy. Three observers in 2 parties, plus 2 at feeders. Total party-hours 16.5 (3 on foot, 13.5 by car), plus 2 at feeders. Total party-miles 229 (3 on foot, 226 by car). Total 67 species, 78,194 individuals.

Mike Rader (compiler — P. O. Box 395, Wilson, KS 67490), Bruce Schoonover, Scott Seltman, Tom Shane, Floyd Truetken.

Lakin. 37° 95'N, 101° 15'W. Center at 2.5 miles N, 0.5 miles E of Lakin. 8 January 1994, 7:30 a.m. to 5:00 p.m., 14° to 44°F. Wind 7 to 14 mph. Still water frozen, moving water open, a.m. clear, p.m. clear. Eleven observers in 4 parties. Total party-hours 26.6 (10 on foot, 16.6 by car). Total party-miles 177 (9 on foot, 168 by car). Total 49 species, 24,301 individuals. Additional species seen in count circle **count week** but **not** on count day: Merlin, Common Goldeneye.

Barbara Campbell, Bob Campbell, Art Nonhof, Terry Lee, Marie Osterbuhr, Betty Rich, Leonard Rich (compiler — 1107 E. Johnson, Garden City, KS 67846), Sara Shane, Tom Shane, Debra Nusz, Riki Nusz.

Lawrence. 39° 00'N, 95° 18'W. Center at 1.5 miles N and 2.7 miles W of Junction of Hwy US 40 and US 59. 18 December 1993, 5:00 a.m. to 6:00 p.m., 33° to 40°F. Wind NW 10 mph. Still water open, moving water open, a.m. cloudy, p.m. partly cloudy. Thirty-nine observers in 14-16 parties, plus 2 at feeders. Total party-hours 123.5 (40.5 on foot, 75 by car, 8 by canoe) plus 9.25 hours owling, 4.5 hours at feeders. Total party-miles 744.25 (46.25 on foot, 685 by car, 13 by canoe) plus 72 miles owling. Total 94 species, 29,966 individuals.

Mary Allen, Bob Antonio, Mike Beck, Roger Boyd, Cal Cink, Janice Conrad, Mark Corder, Shirley Dinkel, Ruth Fauhl, Patty Field, Lin Frederickson, Greg Griffith, David Herrin, Barbara Higdon, Chris Hobbs, Joe Hyde, Jennifer Jones, Kelly Kindscher, Sally McGee, Mick McHugh, Galen Pittman (compiler — 12042 250th St., Lawrence, KS 66044), Alexis Powell, David Reber, Mark Robbins, Jim Roth, Stan Roth, Richard Rucker, David Seibel, Dawn Sharp, Cynthia Shaw, Ed Shaw, Roseanne Smith, Garold Sneegas, Rita Sooby, Margaret Wedge, Phil Wedge, Pam Wilson, Joyce Wolf, Ron Wolf.

Leavenworth-Atchison. 39° 23'N, 95° 00'W. Center as described in 1992. 8 January 1994, 7:30 a.m. to 5:30 p.m., 10° to 34°F. Wind calm. Still water frozen, moving water partly frozen, a.m. clear, p.m. clear. Two observers in 1 party, plus 2 at feeders. Total party-hours 10 (1.5 on foot, 8.5 by car) plus 4 hours at feeders, .5 hours owling. Total party-miles 111 (2 on foot, 109 by car) plus 0.5 miles owling. Total 50 species, 2,690 individuals. Additional species seen in count circle **count week** but **not** on count day: Sharp-shinned Hawk, Pine Siskin.

Chuck Allen, Ginny Allen, Galen Pittman, John Schukman (compiler — 14207 Robin Rd., Leavenworth, KS 66048).

Liberal/Seward Co. 37° 08'N, 100° 50'W. Center at 7.5 miles NE of Liberal Airport. 2 January 1994, 8:00 a.m. to 5:00 p.m., 30° to 45°F. Wind SW 10-35 mph. Still water partly open, moving water open, a.m. clear, p.m. clear. Seven observers in 2-3 parties. Total party-hours 17.5 (3 on foot, 14.5 by car). Total party-miles 207 (3 on foot, 204 by car). Total 57 species, 24,643 individuals. Additional species seen in count circle **count week** but **not** on count day: Killdeer, American Pipit.

Earl McHugh, Sebastian Patti (compiler — 552 W. Belden Ave., Chicago, IL 60614), Galen Pittman, Mike Rader, Richard Rucker, Sara Shane, Tom Shane.

Linn County. 38° 17'N, 94° 45'W. Center at SW corner Unit G., Marais des Cygnes Wildlife Management Area. 23 December 1993, 6:20 a.m. to 5:00 p.m., 10° to 37°F. Wind S 5-15 mph. Still water partly open, moving water partly frozen, a.m. clear, p.m. partly cloudy. Ten observers in 4 parties. Total party-hours 32.75 (2.5 on foot, 30.25 by car) plus 1 hour owling. Total party-miles 310 (3 on foot, 307 by car) plus 10 miles owling. Total 85 species, 22,904 individuals.

Mike Beck, Jan Boyd, Roger Boyd (compiler — P. O. Box 65, Dept. of Biology, Baker University, Baldwin City, KS 66606), Chris Hobbs, Mick McHugh, Lloyd Moore, Barbara Pressgrove, Martin Pressgrove, Isabel Rohrer, Bunnie Watkins.

Manhattan. 39° 11'N, 96° 34'W. Center at Anderson Hall, Kansas State University Campus. 18 December 1993, 7:00 a.m. to 5:30 p.m., 37° to 48°F. Wind W 0-10 mph. Still water open, moving water open, a.m. clear, p.m. clear. Seventy-nine observers in 15 parties plus 3 at feeders. Total party-hours 153 (99 on foot, 52 by car, 2 by canoe) plus 4 hours at feeders. Total party-miles 648.5 (95.5 on foot, 550 by car, 3 by canoe). Total 95 species, 27,977 individuals. Additional species seen in count circle **count week** but **not** on count day: Greater Prairie-chicken.

Elizabeth Barg, Carla Bishop, Bob Bowden, Kenny Brooks, John Bucher, Doris Burnett, Ann Carter, John Cavitt, Chris Cokinos, Lisa Cole, Matt Cole, Lynne Davy, Michael Donnelly, Brad Elder, Bobbi Evans, Laura Fatimi, Clyde Ferguson, Lena Ferguson, Tom Fish, Pat Freeman, Jan Garton, Rosalind Gorton, Leann Harrell, Chod Hedinger, Chris Herald, Jose Herrera, Jack Holl, Irene Johnson, Lowell Johnson, Roger Johnson, Richard Kazmaier, Dale Kennedy, Ron Klataske, David Klute, Jin Koelliker, Shelia Lyons, Zach Mills, Marge Muenszenberger, Kae Olson, Jack Oviatt, Peter Oviatt, Sally Oviatt, Susan Oviatt, Carol Pacey, Faye Park, Lisa Parry, Jim Phelen, Thad Pittenger, Bill Pursley, Gary Radke, Mike Rhodes, Amy Rintoul, Dave Rintoul, Phoebe Samelson, Bob Shoop, Andy Smith, Chris Smith, Guy Smith, Ernesto Soto-Morales, Barb Stevens, Mary Stewart, Marilyn Tilghman, Spencer Tomb, Dana Townsend, Daniel Townsend, Harvard Townsend, Michael Townsend, Sarah Townsend, Diane Urban, Jim Urban, Tom Van Slyke, Tyler Van Slyke, Paul Weidhaas, Ellen Welti, Ruth Welti, Doug White, Van Withee, Pat Yeager, Tammy Yeager, Ron Young, Jan Zimmerman, John Zimmerman (compiler — Division of Biology, Kansas State University, Manhattan, KS 66506).

Meade County. 37° 15'N, 100° 20'W. Center at 1.5 miles south of Meade on US Hwy 23. 30 December 1993, 7:00 a.m. to 7:00 p.m., 23° to 60°F, wind calm. Still water frozen, moving water partly open, a.m. clear, p.m. clear. Five observers in 2 parties, plus 2 at feeders. Total party-hours 13.5 (9 on foot, 4.5 by car) plus 8.5 hours at feeders. Total party-miles 96 (10 on foot, 86 by car). Total 53 species, 12,086 individuals. Additional species seen in count circle **count week** but **not** on count day: Lapland Longspur, Common Grackle.

Audrey Flowers, Thomas Flowers (compiler — P. O. Box 87, Meade, KS 67864), Mark Goldsberry, Dinah Mellard, Ron Mellard.

Olathe. 38° 55'N, 94° 51'W. Center at 119th St. and Hwy K7. 1 January 1994, 7:30 a.m. to 4:30 p.m., 28° to 43°F. Wind NW 10-40 mph. Still water frozen, moving water open, a.m. cloudy, p.m. partly cloudy. Twenty-two observers in 7 parties, plus 9 at feeders. Total party-hours 49 (5 on foot, 44 by car) plus 9 hours at feeders, 3 hours owling. Total party-miles 399 (11 on foot, 388 by car) plus 20 miles owling. Total 69 species, 11,756 individuals. Additional species seen in count circle **count week** but **not** on count day: Yellow-bellied Sapsucker.

Tony Anderson, Cindy Berard, Jan Boyd, Roger Boyd, Steve Case, Steve Crawford (compiler — 529 N. Curtis, Olathe, KS 66061), Dave Fischer, Terry Fischer, Kelly Gillespie, Brent Haworth, Tom Onions, Mike Reed, Walter Ross, Carol Surman, Jim Surman, Art Swallow, Constance Thomas, Mark Thomas, Kathy Unger, Mary Waisanen, Larry Williams, Brad Williamson.

Old Garfield County (new count). 38° 07'N, 100° 27'W. Center at 4 miles N and 1 mile E of junction of Hwy K156 and K23, Finney Co. The circle includes Lake Concanon and Lake Kinney, the ghost town of Ravana and the headwaters of the Pawnee River. 28 December 1993, 7:50 a.m. to 5:45 p.m., 16° to 39°F. Wind WNW 6 mph. Still water frozen, moving water open, a.m. cloudy, p.m. clear. Seven observers in 3 parties. Total party-hours 19.25 (4 on foot, 15.25 by car). Total-miles 167.5 (3.5 by foot, 164 by car). Total 43 species, 12,178 individuals.

Barbara Campbell (compiler — 709 W. Maple, Garden City, KS 67846), Bob Campbell, Marie Osterbuhr, Betty Rich, Leonard Rich, Sara Shane, Tom Shane.

Olsburg. 39° 25'N, 96° 39'W. Center at 1.5 mile west of Olsburg on Hwy K16. 22 December 1993, 7:00 a.m. to 5:00 p.m., 14° to 35°F. Wind 5-10 mph. Still water partly frozen, moving water open, a.m. clear, p.m. clear. Fourteen observers in 4 parties. Total party-hours 32.25 (15.25 on foot, 17 by car). Total party-miles 340.5 (20.5 on foot, 320 by car). Total 65 species, 5,733 individuals.

Melissa Brown, Jean Gaddis, Jay Jeffrey, Cindy Jeffrey, Gary Jeffrey, Betty Raney, Charles Raney, Courtney Raney, Skip Raney, David Rintoul (compiler — Biology Division, Kansas State University, Manhattan, KS 66506-4901), Chris Smith, Mary Sowers, John Wesley, John Zimmerman.

Oskaloosa/Perry Lake. 39° 12'N, 95° 24'W. Center at Boy Scout Camp Jayhawk entrance. 19 December 1993, 6:00 a.m. to 5:15 p.m., 27° to 47°F. Wind SSW 0-8 mph. Still water partly open, moving water open, a.m. clear, p.m. partly cloudy. Seventeen observers in 7 parties. Total party-hours 64 (12.25 on foot, 51.75 by car), plus 4.25 hours owling. Total party-miles 461 (17 on foot, 444 by car), plus 77 miles owling. Total 76 species, 28,191 individuals. Additional species seen in count circle **count week** but **not** on count day: Pileated Woodpecker, White-throated Sparrow.

Joanne Brier, Ruth Fauhl, Bob Fisher, N. O. Folland, Maxey Irwin, Dawn Kirkwood, Glen Koontz, Angel Kwolek-Folland, Mick McHugh, Galen Pittman, Marie Plinsky, Richard Rucker (compiler — 121 East 17th St., Lawrence, KS 66044-4233), John Schukman, Dawn Sharp, Roseanne Smith, Bob Steinauer, Phil Wedge.

Pomona Lake. 38° 41'N, 95° 41'W. Center at intersection of Hwy US 75 and Dragoon Creek. 8 January 1994, 7:30 a.m. to 5:00 p.m., 11° to 41°F. Wind SSE 8-10 mph. Still water partly open (5%), moving water frozen, a.m. clear, p.m. clear. Twenty-two observers in 8 parties, plus 1 at feeders. Total party-hours 67.5 (13 on foot, 54.5 by car), plus 4.75 hours at feeders, 2 hours owling. Total party-miles 422.7 (18.5 on foot, 404.2 by car), plus 27 miles owling. Total 75 species, 12,789 individuals. Additional species seen in count circle **count week** but **not** on count day: Canada Goose.

Mary Allen, Roger Boyd, Joanne Brier, Bob Culbertson, Carol Culbertson, Janet Davis, Zach Davis, Dave Dunsmoore, Ruth Fauhl, John Flynn, Dean Grissell, Glen Koontz, Dan Larson, Harry Miller, Jim Minnerath, Kerry Moss, Richard Rucker, Dawn Sharp, Roseanne Smith, Bunnie Watkins (compiler — 3212 W. 24th St. Terrace, Lawrence, KS 66047), Margaret Wedge, Phil Wedge, Dan Williamson.

Quivira National Wildlife Refuge. 38° 09'N, 98° 29'W. Center at refuge headquarters. 17 December 1993, 7:30 a.m. to 4:30 p.m., 35° to 45°F. Wind SSW 5-10 mph. Still water partly frozen, moving water open, a.m. partly cloudy, p.m. clear. Thirteen observers in 4 parties. Total party-hours 29 (6 on foot, 23 by car). Total party-miles 236.5 (6 on foot, 231.5 by car). Total 80 species, 35,989 individuals.

Jim Barnes, Wallace Champeny, Michael Heaney, Dan Kilby, Michael Lesan, John Rakestraw, Mike Rader, David Rintoul, Scott Seltman, Chris Smith, Donald Vannoy, Douglas White, Dennis Zehr, Breidi Zinn (compiler — c/o Quivira NWR, R.R. 3, Box 448A, Stafford, KS 67578).

Red Hills (new count). 37° 07'N, 98° 42'W. Center at 9 miles W and 9 miles S of Medicine Lodge. 1 January 1994, 8:00 a.m. to 3:30 p.m., 33° to 49°F. Wind W 8-15 mph. Still water partly frozen, moving water partly frozen, a.m. clear, p.m. clear. Seventeen observers in 4 parties. Total party-hours 27 (7 on foot, 20 by car). Total party-miles 191 (6 on foot, 185 by car). Total 49 species, 3,876 individuals.

Wally Champeny, Rick Goodrick, Pete Janzen (compiler — 3137 Mascot, Wichita, KS 67204-4407), Dan Kilby, Mike Lesan, Harold McFadden, Jim Nickel, John Northrup, John Rakestraw, Dale Randall, Jean Roark, Miriam Roark, Jim Ryun, Nicole Ryun, Eddie Stegall, Don Vannoy, Marcelee Webb.

Salina. 38° 50'N, 97° 38'W. Center at State Street Road, one mile W of Ninth St., Salina. 18 December 1993, 7:15 a.m. to 5:45 p.m., 26° to 43°F. Wind NW 15 mph. Still water open, moving water open, a.m. clear, p.m. partly cloudy. Fourteen observers in 4-5 parties, plus 2 at feeders. Total party-hours 33.25 (10.5 on foot, 22.75 by car), plus .5 hours owling. Total party-miles 330.25 (13.25 on foot, 317 by car), plus 20 miles owling. Total 55 species, 9,218 individuals. Additional species seen in count circle **count week** but **not** on count day: Rufous-sided Towhee.

Clara Bruha, David Clark, Nancy Clark, Justin Eller, David Haight, Kevin Haight, Lisa Haight, Harold Lear (compiler — 612 Max Ave., Salina, KS 67401), Virginia Lear, Charles Marsh, Ivy Marsh, Shannon Rayl, Marge Streckfus, Ray Streckfus.

Sawyer. 37° 32'N; 98° 41'W. Center at 2 miles N, 1 mile W junction Hwys US281 and K42 (at SE corner of sec. 11, T29S, R31W, Pratt Co.). 18 December 1993, 8:00 a.m. to 5:30 p.m., 25° to 45°F. Wind NE 3-5 mph. Still water open, moving water open, a.m. clear, p.m. clear. Sixteen observers in 4 parties. Total party-hours 24.5 (15 on foot, 9.5 by car). Total party-miles 151.5 (12 on foot, 139.5 by car). Total 60 species, 6,858 individuals. Additional species seen in count circle **count week** but **not** on count day: Loggerhead Shrike, Wild Turkey.

Kevin Becker, Katie Brunson, Ken Brunson, Dana Eastes, Joel Eastes, Bob Hartmann, Joyce Hartmann, Bill Hlavachick, Mark Kumberg, Stacy Kumberg, Carol Mammoliti, Kirk Mammoliti, Kent Montei, Jane Queal, Byron Walker, Bob Wood (compiler — 502 Commodore, Pratt, KS 67214).

Scott Lake. 38° 35'N, 100° 56'W. Center at 7 miles N junction Hwys US83 and K96. 30 December 1993, 7:30 a.m. to 5:30 p.m., 17° to 54°F. Wind SW 5 mph. Still water partly open, moving water open, a.m. clear, p.m. clear. Fourteen observers in 5 parties, plus 3 at feeders. Total party-hours 45 (19 on foot, 26 by car), plus 4 hours at feeders. Total party-miles 318 (15 on foot, 303 by car). Total 76 species, 21,284 individuals. Additional species seen in count circle **count week** but **not** on count day: Rock Wren.

Mark Corder, Ignacio Labella, Mick McHugh, Edith Norman, Everett Norman, Marie Osterbuhr, Sebastian Patti, Galen Pittman, Mike Rader, Betty Rich, Leonard Rich, Richard Rucker, Scott Seltman, Sara Shane, Tom Shane (compiler — 1706 Belmont, Garden City, KS 67846), Kay Sims, Sally Whitson.

Southeast Kansas Mined Land. 37° 14'N, 94° 58'W. Center at Cherokee Co., center of Sec. 26, R22E, T32S, in the West Mineral unit of the Mined Land Wildlife Area. 1 January 1994, 7:00 a.m. to 5:30 p.m., 28° to 38°F. Wind S 5 mph. Still water open, moving water open, a.m. partly cloudy, p.m. clear. Eleven observers in 6 parties. Total party-hours 42.75 (9.5 on foot, 33.25 by car). Total party-miles 304.5 (8 on foot, 296.5 by car). Total 69 species, 37,788 individuals.

Ray Benner, Mavis Benner, Pamela Cress, Cindy Ford, Steve Ford (compiler — Biology Dept., Pittsburg State Univ., Pittsburg, KS 66762), Lawrence Herbert, Elizabeth Mangile, Robert Mangile, Paul Milks, Charles Spellman.

Syracuse. 38° 00'N, 101° 52'W. Center between Syracuse and Coolidge, equal distance north and south of the Arkansas River. 9 January 1994, 7:30 a.m. to 4:30 p.m., 25° to 45°F. Wind E 8 mph. Still water frozen, moving water open, a.m. partly cloudy, p.m. clear. Two observers in 2 parties. Total party-hours 9.5 (4 on foot, 5.5 by car). Total party-miles 103.7 (5.7 on foot, 98 by car). Total 39 species, 1,262 individuals. Additional species seen in count circle **count week** but **not** on count day: Red-bellied Woodpecker.

Art Nonhof (compiler — 7560 Lindsay Dr., Holcomb, KS 67851), Tom Shane.

Topeka. 39° 02'N, 95° 40'W. Center at state capitol building. 18 December 1993, 7:00 a.m. to 5:00 p.m., 33° to 42°F. Wind NW 10-15 mph. Still water open, moving water open, a.m. partly cloudy, p.m. partly cloudy. Twenty-seven observers in 12 parties, plus

14 at feeders. Total party-hours 90.5 (44.75 on foot, 45.75 by car), plus 74.5 hours at feeders, 2 hours owling. Total party-miles 435.75 (45.25 on foot, 390.5 by car), plus 3.5 miles owling. Total 69 species, 12,262 individuals. Additional species seen in count circle **count week** but **not** on count day: Brewer's Blackbird.

Cynthia Abbott, Virgil Basgall, Maggie Beers, Jim Brier, Joanne Brier (compiler — 1822 Westwood Drive, Topeka, KS 66604), Arline Delker, Marjorie Dennis, John Frey, Bob Foster, Vernon Foster, Dan Gish, Dean Grisell, Gladys Grisell, Gary Haden, Gwen Haegert, Dorothy Harvey, Phyllis Henney, Patsy Hodges, Peggy Howard, Maxey Irwin, Scotty Johnson, Glen Koontz, Bob Lawson, Sarah Merrill, Robert Miller, Bill Neale, Pete North, Joanne Ramberg, Phil Stallard, Pat Stein, Jim Suber, Mary Suelter, Donna Vausbinder, Marie Wadleigh, Hal Walters, Margaret Walters, Grace White, Georgene Wilhelm, Eugene Willett, Lil Willis, Paul Willis, Wanda Wilson.

Tribune. 38° 27'N, 101° 45'W. Center at Tribune. 13 January 1994, 6:30 a.m. to 2:30 p.m., 28° to 48°F. Wind NW 20 mph. Still water partly frozen, moving water none, a.m. clear, p.m. clear. Two observers in 1 party, plus 2 at feeders. Total party-hours 8 (4 on foot, 4 by car), plus 3 hours at feeders. Total party-miles 42 (1 on foot, 41 by car). Total 24 species, 510 individuals. Additional species seen in count circle **count week** but **not** on count day: Merlin, Red-bellied Woodpecker, Downy Woodpecker.

Melvin Cheney, Luther Keith, Luverne Keith (compiler — 606 4th St., Box 143, Tribune, KS 67879), Tom Shane.

Udall-Winfield. 37° 16'N, 96° 59'W. Center at Winfield State Hospital. 19 December 1993, 8:00 a.m. to 5:00 p.m., 25° to 47°F. Wind S 10 mph. Still water open, moving water open, a.m. clear, p.m. partly cloudy. Eighteen observers in 6 parties. Total party-hours 48 (11 on foot, 37 by car), plus 5 hours owling. Total party-miles 474.5 (17.5 on foot, 457 by car), plus 83 miles owling. Total 89 species, 21,308 individuals. Additional species seen in count circle **count week** but **not** on count day: Canvasback.

Betty Anderson, Duane Anderson, James Barnes, Susan Barnes, Terry Barnett, Wallace Champeny, Dan Kilby, Janet Laws, Mike Lesan, Eddy Stegall, Savilla Stegall, Max Thompson (compiler — 1729 E. 11th Ave., Winfield, KS 67156-4007), Don Vannoy, Gerald Wiens, Donna Wilt, Lee Wilt, Robert Wimmer, Eugene Young.

Ulysses (new count). 37° 30'N, 101° 18'W. Center at 5 miles S and 3.8 miles E junction Hwys US160 and K25. Circle includes cities of Ulysses and Hickok, the Ulysses city lakes, the Cimarron and North Fork Cimarron Rivers and Wagon Bed Springs. 15 January 1994, 8:00 a.m. to 5:30 p.m., 16° to 31°F. Wind SE 10 mph. Still water partly frozen, moving water open, a.m. cloudy, foggy, light snow, p.m. cloudy, foggy. Six observers in 2 parties. Total party-hours 9.5 (.5 on foot, 9 by car). Total party-miles 133.5 (.5 on foot, 133 by car). Total 41 species, 5,481 individuals.

Debra Nusz, Marie Osterbuhr, Betty Rich, Leonard Rich, Sara Shane (compiler — 1706 Belmont, Garden City, KS 67846), Tom Shane.

Waconda Lake. 39° 28'N, 98° 22'W. Center at 3 miles S and 4 miles E of Cawker City. 19 December 1993, 7:30 a.m. to 4:30 p.m., 25° to 40°F. Wind NNW 5-15 mph. Still water partly frozen, moving water open, a.m. clear, p.m. cloudy. One observer in 1 party. Total party-hours 9 (2 on foot, 7 by car). Total party-miles 103 (2 on foot, 101 by car). Total 63 species, 60,054 individuals.

Mike Rader (compiler — Box 394, Wilson, KS 67490).

Wakefield. 39° 13'N, 96° 58'W. Center at intersection of Hwy K82 and Clay County road 859. 21 December 1993, 6:30 a.m. to 5:00 p.m., 21° to 42°F. Wind WNW 0-20 mph. Still water partly frozen, moving water open, a.m. clear, p.m. clear. Three observers in 2 parties, plus 2 at feeders. Total party-hours 11 (4 on foot, 7 by car), plus 2 hours at feeders, 1 hour owling. Total party-miles 144 (10 on foot, 134 by car), plus 12 miles owling. Total 54 species, 1,831 individuals. Additional species seen in count circle **count**

week but not on count day: Greater Prairie-chicken, Tufted Titmouse.

Gary Jeffrey, Chuck Otte (compiler — 613 Tamerisk, Junction City, KS 66441), Guy Smith.

Webster Reservoir. 39° 25'N, 99° 24'W. Center at 1.5 miles N and 1 mile E of Webster Dam on Hwy. US24. 23 December 1993, 8:00 a.m. to 5:00 p.m., 26° to 35°F. Wind NNW 5-25 mph, snow <1 inch. Still water partly frozen, moving water open, a.m. cloudy, light snow, p.m. partly cloudy, light snow. Three observers in 3 parties. Total party-hours 19 (7 on foot, 12 by car). Total party-miles 224 (7 on foot, 217 by car). Total 76 species, 16,156 individuals.

Mike Rader (compiler — P. O. Box 395, Wilson, KS 67490), Scott Seltman, Tom Shane.

Weskan (new count). 38° 57'N, 102° 01'W. Center 5.25 miles N and 3 miles W, Weskan, KS. Circle includes Weskan, the South Fork Smoky Hill River, Willow Creek, and Mt. Sunflower. 15 January 1994, 7:30 a.m. to 3:30 p.m., 15° to 27°F. Wind S 15 mph. Still water frozen, moving water partly frozen, a.m. cloudy, p.m. cloudy. One observer in 1 party. Total party-hours 8 (1 on foot, 7 by car). Total party-miles 57.25 (.25 on foot, 57 by car). Total 9 species, 732 individuals.

Virgil Smith (compiler — Route 1, Box 65, Weskan, KS 67762).

Wichita. 37° 41'N, 97° 20'W. Center at confluence of Arkansas and Little Arkansas Rivers. 18 December 1993, 7:45 a.m. to 5:00 p.m., 28° to 45°F. Wind NW 4 mph. Still water open, moving water open, a.m. clear, p.m. clear. Thirteen observers in 5 parties, plus 2 at feeders. Total party-hours 50 (27 on foot, 23 by car), plus 4 hours at feeders. Total party-miles 352 (21 on foot, 329 by car). Total 74 species, 28,038 individuals.

Roy Beckemeyer, Walker Butin, Wallace Champeny (compiler — R.R. 1, Oxford, KS), Bob Gress, John Hankins, Michael Lesan, Jean Roark, Miriam Roark, Eddie Stegall, Savilla Stegall, Don Vannoy, Gerald Wiens, Ralph Wiley.

Wilson Reservoir. 38° 56'N, 98° 34'W. Center at northernmost point of Minooka Park (6 miles NNE of Dorrance). 18 December 1993, 7:45 a.m. to 5:15 p.m., 24° to 42°F. Wind WNW 10 mph. Still water open, moving water open, a.m. clear, p.m. clear. Nine observers in 4-6 parties. Total party-hours 29 (13.5 on foot, 15.5 by car). Total party-miles 295.5 (13.5 on foot, 282 by car). Total 67 species, 9,636 individuals. Additional species seen in count circle **count week but not on count day:** Ring-necked Duck, Killdeer, Short-eared Owl, Gadwall, Northern Shoveler, Oldsquaw, Mourning Dove, Horned Grebe.

Chris Farney, Vicki Farney, Karen Ganoung, Ray Ganoung, Greg Nichols, Jean Piland, Jim Piland, Mike Rader (compiler — Box 395, Wilson, KS 67490), Michael Zajic.

Yoder. 37° 55'N, 97° 50'W (corrected coordinates). Center 3 mi. S Yoder. 18 December 1993, 6:45 a.m. to 5:00 p.m., 28° to 45°F. Wind N 10-15 mph. Still water open, moving water open, a.m. clear, p.m. clear. Sixteen observers in 6 parties. Total party-hours 31.5 (6.5 on foot, 25 by car). Total party-miles 226 (19.75 on foot, 206.25 by car). Total 54 species, 12,197 individuals.

Dan Bleam, Mary Clark (compiler — 3002 East 30th, Hutchinson, KS 67502), Lawrence Doughty, Dan Dyck, Edward Dyck, Heidi Dyck, Jennifer Dyck, Linda Dyck, Marilla Dyck, Allen Harrison, Wayne Hochstetler, Lloyd King, Cena King, Steve Kinser, Jean Muncrief, Jim Smith.

SPECIES	Arkansas City	Baldwin	Baxter Springs	Black Wolf	Byron Walker	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron	Dodge City	ElDorado	Emporia	Garden City
Common Loon							3					4	
Pied-billed Grebe							4						
Horned Grebe							1						
Eared Grebe													
White Pelican													
Double-crested Cormorant											2		
Great Blue Heron	5	3	6		3						6	2	1
Black-crowned Night Heron													
Trumpeter Swan													
Gr. White-fronted Goose								1000				12	
Snow Goose (White morph)		170			2						6	15	
Snow Goose (Blue morph)		30					1				2		
Snow Goose													
Ross's Goose													
Canada Goose	170	315	45		3039	22	993	2230			3530		147
goose sp.								285				1482	
Wood Duck										2			35
Green-winged Teal		4					24					6	83
Mallard	37	64	238		2545	12	573	2		150	154	461	613
Blue-winged Teal													153
Northern Pintail					2		3					18	1
Northern Shoveler								3					
Gadwall		8	8				82				4	5	
American Wigeon			20				12					14	4
Canvasback					2							3	
Redhead			1								8	14	
Ring-necked Duck	1	1			7								
Greater Scaup													
Lesser Scaup		1			20		39					56	
Oldsquaw													
Common Goldeneye		45	1		21	4	169				78	147	
Bufflehead		7					6				11	8	
Hooded Merganser		27									11		
Common Merganser		1			6		11	6			3600		
Red-breasted Merganser													
Ruddy Duck			1									8	
duck sp.													
Bald Eagle	22		1	1	1		6	1		1	18		1
Northern Harrier	16	12	1	21	11		36	30	46	29	23	111	35
Sharp-shinned Hawk	4	3					1		2	6	1	2	1
Cooper's Hawk	4			1	2							2	1
Northern Goshawk													
Accipiter Sp.													
Red-shouldered Hawk			1										
Red-tailed Hawk	117	80	15	119	29	3	28	17	15	29	47	141	24
Red-tailed (Harlan's) Hawk	1	3		1				1				2	1
Ferruginous Hawk							2	1	41	7			12
Rough-legged Hawk			1				6	1	17	11	4	9	6
Buteo Sp.								4		2			3
Golden Eagle					3		4		5	1			
American Kestrel	45	25	6	22	17	1	11	7	27	15	19	34	22
Merlin				3			2		3			1	1
Peregrine Falcon		1											
Prairie Falcon	1			2	1		7	2	7	2	1	4	3
Ring-necked Pheasant	3			23	6		6	5	19	46	4		63
Greater Prairie Chicken												11	
Lesser Prairie Chicken									12				
Wild Turkey	31			7	22		1			1		28	
Northern Bobwhite	76	58	23	82	30		16		58	35	45	63	41
Scaled Quail									47				30
Virginia Rail													
American Coot							273	8					
Sandhill Crane													
Killdeer	3		9										
Greater Yellowlegs													
Common Snipe	4		50										
Ring-billed Gull	1136	3	246			21	130	1	2		4407	438	
California Gull													
Herring Gull			3								42		
Thayer's Gull													
Glaucous Gull							7						
Bonaparte's Gull			37										
Black-legged Kittiwake													
Larus sp.													
Rock Dove	116	63	38	77	3	12	40	3	63	696	66	369	368
Mourning Dove	17	69	6	1				1	20	8	7	67	
Inca Dove										1			
Greater Roadrunner													
Barn Owl				1			1	1	2				
Eastern Screech-Owl	1	3		4		1	4					7	
Great Horned Owl	3	13	1	8			5	3	18	1	1	5	28
Snowy Owl										1			
Long-eared Owl							24					1	
Short-eared Owl							8	1				5	
Burrowing Owl									1				
Barred Owl	16	5	1								5	7	
Belted Kingfisher	8	1	1	1	3		1			1	5	9	
Red-headed Woodpecker	10	4	1			25						7	
Red-bellied Woodpecker	145	66	20	24	7	14	1	1		3	16	57	

SPECIES	Arkansas City	Baldwin	Baxter Springs	Black Wolf	Byron Walker	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron	Dodge City	ElDorado	Emporia	Garden City
Yellow-bellied Sapsucker	18	7	1						1		1	9	
Downy Woodpecker	97	57	8	8	8	8	18	1	18	2	14	52	14
Hairy Woodpecker	13	11		3	3	4	4	2	7		3	8	2
Ladder-backed Woodpecker									4				
Northern Flicker	56	5		9			16	46	26		8		33
Yellow-shafted	76	95	15	4	44	51	8		6	15	13	86	2
Red-shafted	9	1		1	1		11		31	38		7	24
Pileated Woodpecker	9	3	1									1	
Say's Phoebe							1						
Horned Lark	137	133		70	92		155		16958	2987	28	1052	1244
Blue Jay	152	149	12	8		32	1	1	3	17	3	117	32
Black-billed Magpie				6			29	2	130	67			180
American Crow	391	249	60	39	253	17	27	24	116	95	190	348	11
Black-capped Chickadee	1	181		41	31	63	85	22		10	105	188	
Carolina Chickadee	259		30										
Tufted Titmouse	147	89	20		5	57					10	43	
Red-breasted Nuthatch	7	6	1	10	2		1		7	4	8	16	5
White-breasted Nuthatch	65	37	1	26		9	8		5		10	31	
Brown Creeper	19	7		3		2	1			3		8	
Canyon Wren			6								10	14	
Carolina Wren	67	27				11						2	
Bewick's Wren	2								3			2	
Winter Wren	4	1		3		1	1				1	2	
Marsh Wren							2		1				
Golden-crowned Kinglet	19	19		9		11	29				7	16	
Ruby-crowned Kinglet	15		2		3								
Eastern Bluebird	83	262	9	3	83	20			3		18	60	1
Mountain Bluebird				1	39		179		1				
Townsend's Solitaire									3				1
Hermit Thrush	1												
American Robin	1167	802	362	198	100	46	250	1	71	48	19	1161	59
Northern Mockingbird	27	13	3						1		1	5	4
Sage Thrasher							1						
Brown Thrasher					1				1			2	
Curve-billed Thrasher									1				
American Pipit	50												
Cedar Waxwing	84	213	48	2		19	1		4		17	31	
Northern Shrike				1			3						
Loggerhead Shrike	15	10		1				1	21	2	5	14	
European Starling	2885	4925	320	963	628	95	432	1	151	2371	1541	1989	1587
Yellow-rumped Warbler	17	9			4				7			2	1
Common Yellow-throat													
Northern Cardinal	366	364	52	16	27	31	7	2	2	18	56	221	4
Pyrrhuloxia													
Rufous-sided Towhee	14				1		8		1	3	2	2	2
Rufous-crowned Sparrow									1				
American Tree Sparrow	467	423	1	383	205	3	358	62	1836	79	639	1435	140
Field Sparrow	16		6						5		2	1	
Vesper Sparrow									2				
Lark Bunting									4				
Savannah Sparrow	15												
LeContes Sparrow													
Fox Sparrow	2				1								
Song Sparrow	125	31	23	1	6	11	22		25	111	15	11	14
Lincoln's Sparrow	2											2	
Swamp Sparrow		2	8				1					2	
White-throated Sparrow	11	5	11		2	1					2		
Golden-crowned Sparrow													
White-crowned Sparrow	40	2	12	2			15		416	61		6	910
Harris' Sparrow	1065	55	8	243	103		78	2	2	118	260	198	97
Dark-eyed Junco	512	52		160		35	134	3	406		60		127
White-winged									2				
Slate-colored	402	485	43	41	57		40		723	141	125	243	105
Oregon	8	2		1	3		25		556	20	6		162
Gray-headed													
sparrow sp.								34					
McCown's Longspur									801				
Lapland Longspur		7		2820			304		566	688	2	1267	12
Chestnut-collared Longspur									18				
longspur sp.									30			1	
Red-winged Blackbird	633	224	6	975	2093	1	15	5021	1947	501	5984	519	740
Eastern Meadowlark	31	103	8	1	99						3	628	
Western Meadowlark	26			13	150		119		724	305			179
meadowlark sp.	641	237	49	115				48			87		
Rusty Blackbird	10	80	67								8	23	
Brewer's Blackbird	117								5	40	100	564	
Common Grackle	4	83	100	1					4	32	1		177
Great-tailed Grackle													289
Brown-headed Cowbird	20			21			8	3000		62	111	135	36
blackbird sp.	135	500	2000					13					
Pine Grosbeak													
Purple Finch		14							1			2	1
House Finch	17	24		112	2		8		184	153	6	115	498
Pine Siskin	9	4		4	3		17	10	6	28	2	4	117
American Goldfinch	193	175	16	36	25	23	66		42	8	72	207	60
House Sparrow	792	371	10	153	65	5	40		1186	1413	256	1311	3522
Total	13557	11639	4100	6905	9921	677	5069	11910	27480	10488	21934	15796	12075
Species	76	68	59	53	53	35	75	38	66	50	67	84	55

SPECIES	Halstead	Hays	Hillsdale Reservoir	John Redmond	Junction City	Kirwin Reservoir	Lakin	Lawrence	L'nworth- Atchison	Liberal	Linn County	Man- hattan	Meade County
Common Loon												1	
Pied-billed Grebe	4		1	1				5			5		
Horned Grebe													
Eared Grebe													
White Pelican				7									
Double-crested Cormorant			4	119				5			16	4	
Great Blue Heron	5	1	6	9	5	3	1	55			23	81	
Black-crowned Night Heron													
Trumpeter Swan							3						
Gr. White-fronted Goose				20		66	8	5			6	4	
Snow Goose (White morph)			150			56	350	715	500		1657	505	
Snow Goose (Blue morph)			50			28	12	200	400		950		
Snow Goose				6675				120					
Ross's Goose								1			3		
Canada Goose	30		450	2494	978	46000	4499	1456	20	41		1223	6060
goose sp.											13681		
Wood Duck							136	2		10		2	
Green-winged Teal		4		6	12	2		1		8	4	9	
Mallard	259	6	2500	1540	42	23000	6256	5000	1	2000	681	1425	2512
Blue-winged Teal												20	
Northern Pintail			3			4	258	5		41			10
Northern Shoveler				48									
Gadwall			8		138	1		31		1	99	7	5
American Wigeon				12	2	1	5	2		32	1	2	2
Canvasback		6								3	1	2	
Redhead				1				29			2	2	
Ring-necked Duck								14			62	5	1
Greater Scaup			1										
Lesser Scaup				1				31		2	2	8	17
Oldsquaw												1	
Common Goldeneye			80	4	60	92		256	26		51	48	6
Bufflehead				22				1			33	16	
Hooded Merganser			5	29		3		1			135	6	
Common Merganser			150	17	1332	1545		1200			13	1326	1
Red-breasted Merganser								7			1		
Ruddy Duck			4	1		1		2					
duck sp.													
Bald Eagle		1	5	21	30	16	6	39	21	2	11	62	1
Northern Harrier	5	17	1	46	25	52	23	16		21	15	95	16
Sharp-shinned Hawk		2	2		1	1	1	9		3	2	8	
Cooper's Hawk		1	2		1	1			1			4	
Northern Goshawk												1	
Accipiter Sp.								1					
Red-shouldered Hawk													
Red-tailed Hawk	62	30	45	70	87	69	15	138	28	8	95	258	9
Red-tailed (Harlan's) Hawk	4			1	2	1	2				1	11	
Ferruginous Hawk		5					15			8			
Rough-legged Hawk		22			2	2	14	2		6	1	13	3
Buteo Sp.		6					9						6
Golden Eagle							6			1			2
American Kestrel	28	3	6		4	9	16	38	3	6	23	31	7
Merlin	1							1		2		1	
Peregrine Falcon												1	
Prairie Falcon		1				3	1	2		1	1	1	1
Ring-necked Pheasant	33	14			12	21	13			8		21	1
Greater Prairie Chicken				13		27							
Lesser Prairie Chicken													
Wild Turkey	226	10		20		21		26			11	151	13
Northern Bobwhite	79		5	63	100	3		81	14	10		397	882
Scaled Quail													
Virginia Rail							4						
American Coot				2		76		15			2		
Sandhill Crane													
Killdeer												8	
Greater Yellowlegs													
Common Snipe													
Ring-billed Gull	16		120	4547	990	126		2600	61		94	243	
California Gull													
Herring Gull			4	1	4	47		31				1	
Thayer's Gull													
Glaucous Gull				225				30					
Bonaparte's Gull													
Black-legged Kittiwake			1										
Larus sp.								540					
Rock Dove	145	31	20	29	98	17	129	317	180	89	20	623	5
Mourning Dove	56			18	2	36		108	2	1	44	101	
Inca Dove													
Greater Roadrunner													
Barn Owl		1						1					
Eastern Screech-Owl	1		2			4		10			2	2	
Great Horned Owl	12	3	1	9	2	8	11	10	2	4	16	9	7
Snowy Owl													
Long-eared Owl		1											1
Short-eared Owl													
Burrowing Owl													
Barred Owl			4	7				12	1		2	9	
Belted Kingfisher	21	2	2	1	3	6		12		2	5	27	3
Red-headed Woodpecker				1	1			28	13		101	63	
Red-bellied Woodpecker	14	1	15	20	45	20		150	20	1	93	175	9

SPECIES	Halstead	Hays	Hillsdale Reservoir	John Redmond	Junction City	Kirwin Reservoir	Lakin	Lawrence	L'nworth-Atchison	Liberal	Linn County	Manhattan	Meade County
Yellow-bellied Sapsucker	1		14	1	3			11	3		8	13	
Downy Woodpecker	23	7		34	32	10	7	156	39	2	67	113	12
Hairy Woodpecker	2	1	4	6	7	9	4	29	6	3	8	36	2
Ladder-backed Woodpecker													
Northern Flicker	13	4	3	62	46	12	22	32	10	18	9	68	245
Yellow-shafted	50	2	5		9	15	3	166	24		70	148	
Red-shafted	9	6			2	1	12	3			2	16	
Pileated Woodpecker			1					1			6		
Say's Phoebe													
Horned Lark	115	680	30	4	150	2199	312	129		1250	6	137	172
Blue Jay	160	3	40	80	38	5	7	339	112	3	231	478	7
Black-billed Magpie		9				37	35			1			3
American Crow	410	54	150	116	438	29	4	533	23	24	343	1787	6
Black-capped Chickadee	191	28	80	107	153	62		527	98	4	162	846	6
Carolina Chickadee													
Tufted Titmouse	11		15	23	19			198	52		107	256	
Red-breasted Nuthatch	8	25		3	5	1		12	5		2	38	
White-breasted Nuthatch	2	3	3	20	20	26		78	28	3	39	134	7
Brown Creeper	1	2		3	17	3		38	4		6	19	
Canyon Wren													
Carolina Wren	3		4	5	9			24	5		29	25	
Bewick's Wren					1							3	1
Winter Wren				1	2			2				3	
Marsh Wren							12			1		1	
Golden-crowned Kinglet	12		2		30	20		16	12		13	66	5
Ruby-crowned Kinglet		1	3	2							3	2	
Eastern Bluebird	13		70	17	27	18		229	16		84	200	39
Mountain Bluebird						2							
Townsend's Solitaire												1	
Hermit Thrush								1	1		1		
American Robin	413	21	156	127	334	449	11	1690	162		213	4286	47
Northern Mockingbird	5		3	2			2	12	3		12	4	
Sage Thrasher													
Brown Thrasher											1		
Curve-billed Thrasher													
American Pipit								40					
Cedar Waxwing	9		3	37	61	103		229	30		134	351	
Northern Shrike						1	1						
Loggerhead Shrike	4	1	3	5	1		2	13		2	17	2	1
European Starling	1613	535	200	96	2046	201	329	6500	140	10074	227	3586	843
Yellow-rumped Warbler	14		1	14		1		21			4	11	24
Common Yellow-throat													
Northern Cardinal	98	7	90	55	149	39		560	78	3	315	467	26
Pyrrhuloxia													
Rufous-sided Towhee	10							1				3	
Rufous-crowned Sparrow													
American Tree Sparrow	566	209	255	91	778	798	123	864	24	62	670	1320	75
Field Sparrow	4		4	13				2	1		3	16	
Vesper Sparrow													
Lark Bunting													
Savannah Sparrow								1				2	
LeContes Sparrow											1		
Fox Sparrow								1			2		
Song Sparrow	111	5	21	20	42	2	20	199	14	3	58	41	14
Lincoln's Sparrow												4	
Swamp Sparrow	1				3			43	1	1	34	3	
White-throated Sparrow				6	3			5	14		11	3	
Golden-crowned Sparrow													
White-crowned Sparrow	8		23	6	8	73	92	60	17	50	103	7	46
Harris' Sparrow	813	54	6	56	308	286	4	63	12	9	80	410	32
Dark-eyed Junco	126	47		107	184	109	99	365	42	80	119		85
White-winged					2								
Slate-colored	243	24	81		639	45	44	572	133		329	1442	
Oregon		15			11	7	6	18	1		8	8	
Gray-headed													
sparrow sp.													
McCown's Longspur										4			
Lapland Longspur	240	20			100	927	100	30		224			
Chestnut-collared Longspur										4			
longspur sp.													
Red-winged Blackbird	1071	1159	6	148	216	840	9230	575		790	469	2591	68
Eastern Meadowlark			4	156				3	3		30	93	
Western Meadowlark	13	386			25	303	390	5		60	2	138	196
meadowlark sp.	432		52		33			255	30		249	467	
Rusty Blackbird								1			20	33	5
Brewer's Blackbird	3			22							1		
Common Grackle	25			22		1	1	111	10			21	
Great-tailed Grackle										2017	60		
Brown-headed Cowbird	235	4	50	34		25	4		4	250	40	37	
blackbird sp.													
Pine Grosbeak								4					
Purple Finch								6			9	43	
House Finch	133	93	140	58	112	19	69	92	22	45	2	174	118
Pine Siskin	14			2	15			94		1		49	51
American Goldfinch	150		15	98	39	66	12	613	48	8	312	582	161
House Sparrow	300	221	25	67	112	82	1550	1034	170	215	208	380	209
Total	8679	3794	5208	17813	10222	78194	24301	29966	2690	24643	22904	27977	12086
Species	58	47	62	73	62	67	49	94	50	57	85	95	53

SPECIES	Olathe	Old Garfield	Olsburg	Os'loosa-PerryLake	Pomona Lake	Quivira Refuge	Red Hills	Salina	Sawyer	Scott Lake	SE Kans. MineLand	Syracuse
Common Loon						3					5	
Pied-billed Grebe												
Horned Grebe												
Eared Grebe												
White Pelican				5								
Double-crested Cormorant				1								
Great Blue Heron	1	1		14	6	3		1	8	3	3	8
Black-crowned Night Heron												
Trumpeter Swan												
Gr. White-fronted Goose						3568		1			10	
Snow Goose (White morph)	7			9800	180	253						
Snow Goose (Blue morph)				5200	60							
Snow Goose												
Ross's Goose	1			1								
Canada Goose	3487	34	277	164		16320	1100	1236	1290	361	246	29
goose sp.												
Wood Duck	5								3	1		
Green-winged Teal		12	1	3		19	8			6		
Mallard	430	503	64	1490	542	2602	83	57	250	350	122	1
Blue-winged Teal												
Northern Pintail	1				11							
Northern Shoveler	3					15						
Gadwall	14			13	4	6					27	
American Wigeon	1									1		
Canvasback						1		2				
Redhead				1		2		4			1	
Ring-necked Duck						1		1			25	
Greater Scaup												
Lesser Scaup				19		4		1		1		
Oldsquaw												
Common Goldeneye	16	1	3	53	59	11	50					
Bufflehead				5								
Hooded Merganser				4								
Common Merganser	15		150	3950	2265	5						
Red-breasted Merganser					9							
Ruddy Duck												
duck sp.					100							
Bald Eagle	8		11	33	39	16				2		1
Northern Harrier		38	35	6	55	135	21	18	10	32	24	5
Sharp-shinned Hawk	1	1	2	2	4	3	3	1	1	1		
Cooper's Hawk	1		1			2	4		3	1		
Northern Goshawk												
Accipiter Sp.				1	1			2				
Red-shouldered Hawk											1	
Red-tailed Hawk	67	27	59	89	180	128	57	123	33	19	155	9
Red-tailed (Harlan's) Hawk	1	4		1	5							
Ferruginous Hawk		2				3	4			4		2
Rough-legged Hawk		13	7		3	5		4	2	7	1	2
Buteo Sp.		19		2	6			29	2			
Golden Eagle			1					2		1		
American Kestrel	39	10	5	28	31	21	18	26	8	23	35	6
Merlin		2				1				6		1
Peregrine Falcon		1										
Prairie Falcon		1			1		1	1	1	9	1	
Ring-necked Pheasant		23	10	3	40	14		7	2	13		
Greater Prairie Chicken			65		7							
Lesser Prairie Chicken												
Wild Turkey			35	47	45	253	10	30		39	2	
Northern Bobwhite	8	3	89	22	108	130	47	46	96		3	
Scaled Quail												
Virginia Rail		3								3		
American Coot		7										
Sandhill Crane						1						
Killdeer			4			7716					1	
Greater Yellowlegs												
Common Snipe	1									2		
Ring-billed Gull	143		12	1170	26	10						
California Gull												
Herring Gull	1			29								
Thayer's Gull												
Glaucous Gull												
Bonaparte's Gull												
Black-legged Kittiwake												
Larus sp.				120	19							
Rock Dove	117		10	49	21		3	761	26	119	9	27
Mourning Dove	75	1	54	38	141	2	1	1	7	8	281	
Inca Dove												
Greater Roadrunner							1					
Barn Owl												
Eastern Screech-Owl	5	1		19	6	1			1	4		
Great Horned Owl	2	9	4	18	16	21		1	7	19	7	4
Snowy Owl												
Long-eared Owl						1				1		
Short-eared Owl												
Burrowing Owl												
Barred Owl	2			5	8			1	1		2	
Belted Kingfisher	4		1	5	5	1		1	6	2	7	1
Red-headed Woodpecker	4		1	28	9				2		7	
Red-bellied Woodpecker	45		40	75	84	20	9	31	39	8	50	

SPECIES	Olathe	Old Garfield	Olsburg	Os'loosa-PerryLake	Pomona Lake	Quivira Refuge	Red Hills	Salina	Sawyer	Scott Lake	SE Kans. MineLand	Syracuse
Yellow-bellied Sapsucker			4	5	11			4	6	3	2	
Downy Woodpecker	47	5	30	95	78	16	10	12	29	40	49	3
Hairy Woodpecker	6	1	8	16	16	4	1		14	7	4	1
Ladder-backed Woodpecker												
Northern Flicker				13	41	74	18	8	1	26	34	2
Yellow-shafted	45		68	55	53		9	13	12	16	82	
Red-shafted		13	4	5	8		4	13	7	42		8
Pileated Woodpecker											5	
Say's Phoebe												
Horned Lark	1	9159		39	396	270		468	231	3320	1161	51
Blue Jay	147		222	255	201	5	1	14	1	6	73	4
Black-billed Magpie		2				11		1		52		30
American Crow	413	1	1275	219	327	47	159	162	143	1	271	11
Black-capped Chickadee	253		96	350	353	55		104	158	100		2
Carolina Chickadee							48				139	
Tufted Titmouse	94		22	194	85	1		5	19		34	
Red-breasted Nuthatch	9		4	2	8	1		15	6	5	5	1
White-breasted Nuthatch	10	1	28	88	41	2	3	3	39	24	21	2
Brown Creeper	1		3	25	11	1		1	3	8	5	
Canyon Wren										1		
Carolina Wren	16		18	16	21	2		2	10		13	
Bewick's Wren					1		1		3			
Winter Wren	1		2	1	1	1				1	3	
Marsh Wren		4				2						
Golden-crowned Kinglet	6		43	9	28	12	22	5	10	9	6	
Ruby-crowned Kinglet	2			4	2				3		1	
Eastern Bluebird	62		79	151	165	16	15		31	57	74	
Mountain Bluebird			5			13	772		18	72		1
Townsend's Solitaire									1	9		
Hermit Thrush				4					1	1		1
American Robin	652		606	123	307	6	315	1074	120	426	359	
Northern Mockingbird	9		2	12	22	1			1	1	19	
Sage Thrasher												
Brown Thrasher						1		1				
Curve-billed Thrasher												1
American Pipit												
Cedar Waxwing	142		98	59	55		15		12	50	9	
Northern Shrike		2	1				1			3		
Loggerhead Shrike		1	1	10	12	8	5				22	
European Starling	3252	55	145	975	1470	272	69	3102	330	1229	1321	190
Yellow-rumped Warbler	2		10	5	3	2	14		15	3	17	
Common Yellow-throat									1			
Northern Cardinal	180		181	236	415	36	39	39	61	31	236	2
Pyrrhuloxia												1
Rufous-sided Towhee			2	1		3			1	33		
Rufous-crowned Sparrow												
American Tree Sparrow	77	440	576	299	1043	701	169	108	480	644	47	58
Field Sparrow				3		7	1		9	3	12	
Vesper Sparrow												
Lark Bunting												
Savannah Sparrow					1						1	
LeContes Sparrow												
Fox Sparrow	1				1							
Song Sparrow	11	7	14	22	38	16	7	2	73	65	61	4
Lincoln's Sparrow			1	1						2		
Swamp Sparrow	1			2	5	3				8	46	
White-throated Sparrow	1		3		2	3					52	2
Golden-crowned Sparrow										1		
White-crowned Sparrow	2	71		5	27	6	3	3	1	116	103	13
Harris' Sparrow	18	21	58	75	220	215	116	62	368	329	52	
Dark-eyed Junco	377	10		230	301	191	82	15	132	465	132	100
White-winged										1		
Slate-colored		6	688	309	83	189	50	28		121	67	
Oregon	1	2	4	26	8	2	1			141		2
Gray-headed										1		
sparrow sp.												
McCown's Longspur										1		
Lapland Longspur	40	518			5	12			486	9503		
Chestnut-collared Longspur												
longspur sp.								6			116	
Red-winged Blackbird	227	702	108	810	729	1610	53	353	1672	486	30147	6
Eastern Meadowlark	145		15	10	36	72	2				745	
Western Meadowlark		104	13		2	659	6		396	132		24
meadowlark sp.	3		23	116	505		185	208			293	
Rusty Blackbird											274	
Brewer's Blackbird					46	2					87	
Common Grackle	8			107	55	9			306	106	275	
Great-tailed Grackle					1	1					2	
Brown-headed Cowbird	67	1	1	3	74	2		5		2	29	1
blackbird sp.					100			46				
Pine Grosbeak												
Purple Finch	1		1	11	4							
House Finch	44		19	17	410		17	2	34	560	10	24
Pine Siskin	12		3	1	51			21	10	128		1
American Goldfinch	195	15	101	184	210	113	117	15	25	289	95	34
House Sparrow	670	321	207	480	609	17	75	549	89	1656	145	1
Total	11756	12178	5733	28191	12789	35989	3876	9218	6858	21284	37788	1262
Species	69	43	65	76	75	79	48	55	60	76	69	39

SPECIES	Topeka	Tribune	Udall-Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Weskan	Wichita	Wilson Reservoir	Yoder	TOTAL
Common Loon					2							3
Pied-billed Grebe	1		2		1		17		5	5		62
Horned Grebe					1							5
Eared Grebe												1
White Pelican												12
Double-crested Cormorant	4				1					1		160
Great Blue Heron	7		8		3	1			13	6	4	302
Black-crowned Night Heron									3			3
Trumpeter Swan												3
Gr. White-fronted Goose					1				1			4702
Snow Goose (White morph)									2			14368
Snow Goose (Blue morph)												6933
Snow Goose												6795
Ross's Goose												6
Canada Goose	540		25		2280		116		7492	22	1006	109767
goose sp.												15448
Wood Duck			2				1		2			201
Green-winged Teal			3	1	317		3		95	73		704
Mallard	593		748	6	6430	170	3851		1394	886	73	70715
Blue-winged Teal					86		1			29		174
Northern Pintail	3		32				4					508
Northern Shoveler			1				4		5			79
Gadwall			27				88		28			600
American Wigeon							18		3			132
Canvasback							10		25			55
Redhead							34		21	1		121
Ring-necked Duck					3		23		8			152
Greater Scaup												1
Lesser Scaup	5		1		6		21		13			248
Oldsquaw												1
Common Goldeneye	24		61		4240	2	625		66	566		6865
Bufflehead	4		10		1	1	29		42	2		198
Hooded Merganser			12		2		11		23	17		286
Common Merganser	7		119		25400	4	80		3	182		41388
Red-breasted Merganser												17
Ruddy Duck	3											20
duck sp.											22	122
Bald Eagle	9		1		6	9	47			4	3	456
Northern Harrier	6	1	67	15	17	19	38	8		76	50	1379
Sharp-shinned Hawk	1		5	1			1		2	1	2	81
Cooper's Hawk	2		1	1						2	1	39
Northern Goshawk												1
Accipiter Sp.												4
Red-shouldered Hawk												3
Red-tailed Hawk	79		298	6	28	73	63		62	109	55	3297
Red-tailed (Harlan's) Hawk	1					1	1				3	48
Ferruginous Hawk				1			1					108
Rough-legged Hawk		6	5	4		3	2			3	1	188
Buteo Sp.	5											93
Golden Eagle										4	1	31
American Kestrel	29		71	2	11	5	21		9	33	24	880
Merlin				1		1			1			28
Peregrine Falcon												3
Prairie Falcon			2			1	1			2	3	65
Ring-necked Pheasant	1	12	4	4	46	15	31	4	4	37	16	584
Greater Prairie Chicken					7					25		155
Lesser Prairie Chicken												12
Wild Turkey			20	37			67				6	1159
Northern Bobwhite	120		205	12	2		76		1	151	49	3329
Scaled Quail												77
Virginia Rail												10
American Coot	34		4		4		258		36	1		721
Sandhill Crane												7716
Killdeer					1						1	27
Greater Yellowlegs							1					1
Common Snipe												57
Ring-billed Gull	32		24		3560	37	715		457	75		21442
California Gull			1									1
Herring Gull					205		121		8	3		500
Thayer's Gull									2			2
Glaucous Gull					1							1
Bonaparte's Gull					2		22			2		325
Black-legged Kittiwake												1
Larus sp.	15									4	11	709
Rock Dove	509	2	125	123	48	5	26	3	1530		91	7221
Mourning Dove	203		6			11	9		3			1405
Inca Dove												1
Greater Roadrunner												1
Barn Owl						1	1			2		11
Eastern Screech-Owl	2		9			2	2		3	1		97
Great Horned Owl	2	1	32	6	3	4	1	1	4	3	2	347
Snowy Owl												1
Long-eared Owl												29
Short-eared Owl						2						16
Burrowing Owl												1
Barred Owl	3		9			2						102
Belted Kingfisher	8		8		1	2	1		8	4	2	181
Red-headed Woodpecker	14		12						1			332
Red-bellied Woodpecker	106		79		12	8	17		10	5	34	1589

SPECIES	Topeka	Tribune	Udall- Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Weskan	Wichita	Wilson Reservoir	Yoder	TOTAL
Yellow-bellied Sapsucker	7		5	1		5	1		1			146
Downy Woodpecker	87		69	1	9	10	11		23	16	9	1456
Hairy Woodpecker	21		9		2	1	7		2	2	11	310
Ladder-backed Woodpecker												4
Northern Flicker	12		11	12	11		17		3	17	38	1081
Yellow-shafted	65	1	73		4	19	12		30	10	20	1494
Red-shafted	5	1	9	3	3	2			9	2	2	314
Pileated Woodpecker			1									28
Say's Phoebe												1
Horned Lark	100	80	179	2679	3360		1495	420	59	2735	1756	55999
Blue Jay	258	10	87	9	2	22	8		49	2	34	3440
Black-billed Magpie				33	9	2	37			1		677
American Crow	395		289	26	22	94	453		3775	39	131	13990
Black-capped Chickadee	307		28		34	23	94		127	44	198	5317
Carolina Chickadee			247									723
Tufted Titmouse	84		81						25			3
Red-breasted Nuthatch	24		28		2	9	1		31	2	4	323
White-breasted Nuthatch	51	2	22		14	1	11		7	4	4	933
Brown Creeper	7	1	5		1		8		7		4	227
Canyon Wren												1
Carolina Wren	6		23						16		3	385
Bewick's Wren			7									24
Winter Wren	1		2				3		2			39
Marsh Wren			1							1		25
Golden-crowned Kinglet	12		9		11	10	18		13	18	8	535
Ruby-crowned Kinglet	2		6						1			52
Eastern Bluebird	93		89			2	7			1	4	2101
Mountain Bluebird										51		1154
Townsend's Solitaire		2										17
Hermit Thrush			1									11
American Robin	1378	95	260	98	16	307	372		17	189	59	18972
Northern Mockingbird	4		22						3			192
Sage Thrasher												1
Brown Thrasher			1						1	1	3	13
Curve-billed Thrasher		1										3
American Pipit												90
Cedar Waxwing	93		44	3	26	10	41					2033
Northern Shrike				1								14
Loggerhead Shrike	1		19		1	1	1				8	210
European Starling	4071	10	2176	64	3240	345	950	50	7888	451	1641	77574
Yellow-rumped Warbler			4			2	1		2	5	35	250
Common Yellow-throat												1
Northern Cardinal	285	1	344		21	35	86		111	37	115	5544
Pyrrhuloxia												1
Rufous-sided Towhee	6		3	1						1	4	102
Rufous-crowned Sparrow												1
American Tree Sparrow	83	1	745	142	230	270	1715		198	958	1262	22112
Field Sparrow	2		4								1	115
Vesper Sparrow												2
Lark Bunting												4
Savannah Sparrow			6									26
LeContes Sparrow												1
Fox Sparrow									1			9
Song Sparrow	13		49	1	18	1	17		60	19	101	1544
Lincoln's Sparrow			4				1					17
Swamp Sparrow			2				1		2			169
White-throated Sparrow	8		1						5			151
Golden-crowned Sparrow												1
White-crowned Sparrow	3	2	12	111	17		2		1			2455
Harris' Sparrow	27	1	2018	6	390	9	362		289	235	403	9636
Dark-eyed Junco	457	6	631	46	325		151	3	107	27	205	6845
White-winged												5
Slate-colored	79	14	135	2		69	140		350	240		8527
Oregon	9	5	5	2	1		26		14			1106
Gray-headed												1
sparrow sp.											98	132
McCown's Longspur												806
Lapland Longspur	10	1	30	556	7650		2345			1258		29721
Chestnut-collared Longspur					1							23
longspur sp.												153
Red-winged Blackbird	384	49	8118	73	1325	25	890		119	455	2979	94846
Eastern Meadowlark	3		4		1	25				2		2222
Western Meadowlark		5	7	145	4	20	190	26		53		4820
meadowlark sp.	58		1166		75	78			178	202	683	6468
Rusty Blackbird			9			20				6	6	562
Brewer's Blackbird			317									1610
Common Grackle	48		3	6					2	2	20	1251
Great-tailed Grackle									66			2436
Brown-headed Cowbird			36	2			1		2001		60	6361
blackbird sp.			293								100	3187
Pine Grosbeak												4
Purple Finch	3					6						126
House Finch	430	90	110	201	53	6	34		104	38	56	4437
Pine Siskin	30		41	46		6	15		7		32	834
American Goldfinch	181		302	56	28	12	63		217	34	135	5448
House Sparrow	687	110	1067	935	420	5	114	217	731	140	502	23444
Total	12262	510	21308	5481	60052	1831	16156	732	28038	9636	12197	775148
Species	69	24	89	41	63	54	76	9	74	67	54	157