

# 50th ANNUAL SASKATCHEWAN CHRISTMAS BIRD COUNT — 1991

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In this the fiftieth year of the Christmas Bird Counts being published in the *Blue Jay* (it is also anniversary number 50 for both the *Blue Jay* and the Saskatchewan Natural History Society) it seems appropriate that this is the best year ever for the counts. It has been a long time since five new species were added to the list in one year and never before have there been so many people on so many counts. This was all enhanced by the nicest weather we have had for a long time for the entire count period (14 December - 2 January). The only drawback that became very obvious through the compilation effort was that although nice weather enhances the quantity of data, it would be, from a compiler's perspective, much easier to complete the compilation if the weather had been -50° and the winds blowing continuously. At least I think that compiling counts when none were done would be easier than the 99 that were received this year!

## **Weather and Coverage**

Table 1 summarizes the absolutely beautiful weather conditions we endured to carry out the 1991 count. Many days were above freezing, the winds were generally light and the skies clear. There was virtually no snow fall during the count period and no blizzards to be endured. One has to really search to find a minimum temperature below -18°C (0°F).

With the warm weather more people (667) participated in more counts (99) than in any of the past years (Count areas and Participants follows). Formerly the most people to participate was 611 in 1987 while the maximum number of counts was 84 in 1988. Over 1200 hours were spent watching birds this Christmas!

## **The bird counts**

There were 96 species and 2 forms reported from the 99 counts this year and all but 4 of the species were recorded on count day. A total of about 74,000 birds were seen, about three quarters the number reported last year. Some of the largest decreases in numbers were for Mallard down about 14,000, Snow Buntings - 7000, Horned Lark -5700 and Lapland Longspur -4200. These reductions do not necessarily reflect actual population declines but rather are more likely a result of shifting wintering areas. The precount weather which was in late fall much colder and with heavier snowfalls forced many of these birds to move to more hospitable conditions and once further south they are not likely to return until spring. This is particularly true of the Horned Lark, longspur and Mallard. With the drop in Snow Bunting numbers the House Sparrow became the most abundant species (18,957 individuals) and followed only the Black-billed Magpie (91 of 99 counts), Black-capped Chickadee (91 counts), and Common Raven (90 counts) as the most frequently recorded species, with records from 88 locations.

Saskatoon again led with greatest variety of species with 42 followed closely by Squaw Rapids with 41, Fort Walsh and Fort Qu'appelle with 39 species and Weyburn with 38. Other counts with over 30 species include Raymore with 35, Glentworth with 32, and Regina, Indian Head and Hudson Bay, all with 31.

## **New Species**

Five species were seen for the first time on a Saskatchewan Christmas bird count raising the overall total to 158

species. The first of these new species was a Yellow-billed Loon at Gardiner Dam. This bird had been present for some time and has been seen by a considerable number of people. The Yellow-billed Loon normally winters in coastal areas and inland records anywhere are rare.

The second new species was a Red-headed Woodpecker at White Bear Lake in the Moose Mountain area. Although this species is quite rare even in the summer in Saskatchewan there are several Manitoba winter records. A Black-headed Grosbeak was found on the Moose Jaw count. This species normally would be in the tropics during the winter months. A Savannah Sparrow visiting a feeder in Saskatoon was the fourth new species for the count. The last new species was the Chestnut-colored Longspur photographed on the Govenlock count. Although this is a first record of this species for a Saskatchewan CBC and I think for Canada it is probably the least surprising considering the abundance of this species in this area during the summer.

### Rare species

For the second year in a row a Harlequin Duck was reported, this time from Fort Qu'appelle. The Turkey Vultures at Grayson and the Fox Sparrow at Saskatoon were the third records. The White-crowned Sparrow at Weyburn was only the fourth record. The Squaw Rapids' Common Loon was the sixth record.

### Population trends

Some of the more outstanding declines were mentioned earlier but several other species declined to a similar degree even though the numbers were not as spectacular. Short-eared Owls were reported from only 7 counts and only Glentworth had more than one. The fact that owls in general were less common in the farmland regions may reflect low prey populations. This may also apply to the low numbers of Rough-legged Hawks. Both Brown Creeper and Golden-

crowned Kinglets were undoubtedly reduced by the early cold weather.

On the positive side was the increase in numbers of the members of the black-bird family. The early heavy snowfall may have forced these species to seek food in livestock feedlots and with the food source available to them many decided to stay instead of continuing their migration southward. The most notable of these was the Western Meadowlark which, prior to this year, had been found only 20 times on counts and this year there were 11 records.

One other influx deserves mention. Northern Hawk Owls were surprisingly common along the forest fringe. Previously there had been 40 counts with only 33 individuals on count day. This year there were 18 counts with 32 count day individuals, doubling the previous 49 years' total in just one year! Great Gray Owls also had large increases over past years.

### Count Areas and Participants

(Names of compilers are in italics, number of observers in parentheses at end of list of names.)

1. ABERNETHY-KATEPWA. Bryan Bittner, *Ron Bittner*, Phyliss Bordass, Del Cairns, Ron Hooper, Bob Kreba, Marj Leader, Steve Lucyk, Joy McKen, Norman McKen, Wendy Paquin, Lorne Rowell, Keith Stephens, Wanda Stueck. (14)
2. ARMIT. Les Baker, Anne Harris, Wayne Harris, *Donald Hooper*, William Zak. (5)
3. BANGOR. *Jean Hilton*, Minnie Hughes, Bill and Sheila Popowich. (4)
4. BATTLEFORD. *Jean Anderson*, Mary-Jean and Ron Dewald, Barry Craig. (4)
5. BETHUNE. *Doug and Vera Laing*. (2)
6. BIGGAR. Roger Assailly, *Guy Wapple*, Robert Wapple, Sandra Wapple. (4)
7. BIG MUDDY LAKE. Martin Bailey, *Carol Bjorklund*. (2)

8. BIG RIVER. *Glenn Honig*. (1)
9. BIRCH HILLS. *Moe Mareschal, Marg Mareschal, Don Weidl*. (3)
10. BORDEN. *Wayne Harris*. (1)
11. BRIGHTWATER RESERVOIR. *A.R. Smith*. (1)
12. BROADVIEW. *Dave Chaskavich, Don Weidl*. (2)
13. BROMHEAD. *Martin Bailey, Carol Bjorklund*. (2)
14. CANDLELAKE. *Burke Korol, Harv Lane*. (2)
15. CHOICELAND-GRONLID. *Wayne Harris*. (1)
16. CLARK'S CROSSING. *Carol Blenkin, Sandra Flood, Al Hartley, Erling Larsen, Grethe Larsen, Kevin Moore, Menno Nickel, Ben Rosser, Hilda Voth, Michael Williams*. (10)
17. CONQUEST-OUTLOOK. *Jill Forrester, A.R. Smith*. (2)
18. CRAVEN. *Martin Bailey, Margaret Belcher, Al Binnie, Betty Binnie, Carol Bjorklund, Phyllis IIsley, Ferne Lawrence, Milow Worel*. (8)
19. CROOKED LAKE (A). *Doug Boivin, Don Weidl, Tony Weidl*. (3)
20. CROOKED LAKE (B). *Hazel and Vern Bjorgen, Bill and Mayta Livesay, Dorothy Skene, Ed Skene*. (6)
21. CROOKED RIVER. *Anne Harris, Valeri Harris, Wayne Harris*. (3)
22. DALMENY. *Loyd Sperling*. (1)
23. DILKE. *Margaret Belcher, Myrla Holland, Ken McArton, George Metz*. (4)
24. DUVAL. *George Herber, Mervin Hey, Iain Richardson, Lloyd Saul*. (4)
25. EDAM. *Marg Terpstra, Tom Terpstra*. (2)
26. ENDEAVOUR. *Norman Harris*. (1)
27. FENTON. *Carman Dodge*. (1)
28. FORT QU'APPELLE. *John Banick, Ethel Cockwill, Ann Davies, Frank Davies, Evelyn Fleming, Doreen Harman, Ronald Hooper, Naomi Jardine, Cal Keller, Bob Kreba, Lois Lamontagne, Maurice Lindgren, Don McDougall, Allan Mlazgar, Paul Paquin, Lorne Rowell, Lloyd Talbot*. (17)
29. FORT WALSH. *Martin Bailey, Carol Bjorklund, Dixie Black, Anemone Harris, Wayne Harris, Burke Korol, Wilkes Parsonage, Guy Wapple, Robert Wapple*. (9)
30. GARDINER DAM. *Martin Bailey, Carol Bjorklund, Anemone Harris, Valeri Harris, Wayne Harris, Burke Korol, Guy Wapple, Robert Wapple*. (8)
31. GLENTWORTH. *Wayne Harris*. (1)
32. GOOD SPIRIT LAKE. *Bill Anaka, Joyce Anaka, Julia Wiwchar*. (3)
33. GOVENLOCK. *Martin Bailey, Carol Bjorklund, Anne Harris, Valeri Harris, Wayne Harris, Burke Korol, Guy Wapple, Robert Wapple*. (8)
34. GRASSLANDS NATIONAL PARK. *Anne Harris, Valeri Harris, Wayne Harris, Jacques Saquet*. (4)
35. GRAYSON. *Charles Helm, Karl Zimmer*. (2)
36. GRENFELL. *Jim Elliot*. (1)
37. HEPBURN. *Phyllis Siemens*. (1)
38. HUDSON BAY. *Moe Alain, Les Baker, Pat Beaulieu, Gerald Coates, Anne Harris, Wayne Harris, Les Hayes, Donald Hooper, Fumi Torigai, Taeko Torigai, Tsetse Torigai, Gloria Stang*. (12)
39. HUMBOLDT. *Ed Brockmeyer, Warren Hoffman, Mike Volk*. (3)
40. INDIAN HEAD. *Carol Beaulieu, Denise Beaulieu, Vic Beaulieu, Doug Derksen, Irv Escott, Dave Gehl, Roger Grey, Mavis Grey, Gordon Howe, John Kort, Linda Kort, Mary Kort, Peter Kort, Don Longeau, Fran Maddia, Erin Neill, Doug Nerby, Helen Nerby, Dora Nichols, Norine Nichols, Lou Osiowy, Lorne Scott, Chris Skinner, Fred Skinner, Linda Skinner, Charlie Thompson, Ruby Thompson, Anne Willerth, Gordon Willerth, Jackie Willoughby*. (30)
41. KAMSACK. *John Barisoff, George and Mary Bernhard, Agnes Betz, Sally Bishop, Mable Buceuk, Lindee Dewores, Doris Franklin, Bill Koreliuk, W.J.C. May, Ann McIvor, Dallas and Jesse Rezanoff, Isabel Ritchie, Wally Sasyniuk, John Solomon, Elenor Sookocheff, Ted and Thoreen Wallace, Ann and Gordon Wlasichuk*. (22)

42. KELVINGTON. Pat Finnie, Chet Sloan, Diane Sloan, Marguerite Sloan. (4)
43. KENASTON. Doug Beckie, Lawrence Beckie, Lori Cooper. (3)
44. KILWINNING. E.A. Driver, M.E. Driver. (2)
45. KINDERSLEY. Gerry and Michael Essar. (2)
46. KINLOCH. Don Forbes, Doreen Forbes, Alice Rodenberg, Wilf Rodenberg. (4)
47. KUTAWAGAN LAKE. Wayne Harris, Sheila Lamont. (2)
48. LA RONGE. Cheryl Paul, Jim Paul, Lorie Ann Paul. (3)
49. LAST MOUNTAIN LAKE WILDLIFE MANAGEMENT UNIT. Anne Harris, Valeri Harris, Wayne Harris, Sheila Lamont. (4)
50. LEADER. Daisy D. Meyers. (1)
51. LIVELONG. Sarah Pavka. (1)
52. LOVE-TORCH RIVER. Dot and Ed Bennett, Bert Dalziel, Duke Dalziel, Joan Dalziel, Kari Dalziel, Sara Dalziel, Betty Donovan, Bruce Donovan, Mildred Long, Bill Matthews, Lynn Matthews, Irene Vivian. (13)
53. LUSELAND. Estelle Finley, Kim Finley, Bill Frey, Bill Holton, Donna Holton, Travis Holton, Virginia Holton, Bev Honeker, Brent Honeker, Dustin Honeker, Levi Honeker, Alexis Martfeld, Katrina Martfeld, Travis Martfeld, Wyatt Martfeld, Joe Rozlein. (16)
54. MACDOWALL. Myron Barton, Marie Best, Lon Borgerson, Val Drummond, Bill Gibbs, Norman Kernohan, Gladys Kernohan, Henry Neudorf, Sylvia Neudorf, Eileen Wilker, Harry Wilker. (11)
55. MATADOR. Cindy Romo, J.T. Romo. (2)
56. MEADOW LAKE. Pat Dunk, Deb Eisenbut, Betty Ann Golly, Byron Golly, Stuart Golly, Tyler Golly, Bob Wilson, George Wood, Gladys Wood. (9)
57. MELFORT. Frieda Markland. (1)
58. MELVILLE. Marion MacLean, Bernie and Marilyn Sheppard, Mildred Wotherspoon, Ross Wotherspoon. (5)
59. MOOSE JAW. Mac Aldred, Andy and Vi Anderson, Edith Bell, Doug and Helen Brunson, Carol Clelland, Muriel Dormer, Doug and Pat Francis, Ed and Tristan Fredeen, George Grigg, Al Gurnsey Kerry Hanley, Eve King, Cy Knight, Leith Knight, Connie and Hugh McIntyre, Nancy and Vivien Meikle, Pierre Morrisette, Gavina Reekie, Gus Sagal, Ed and Grace Walker. (27)
60. NAICAM. Eldor Jensen, Julie Jensen, Ron Jensen. (3)
61. NEELY LAKE. Dawn Billeter, Edwin Billeter, Shirley Billeter, Donald Hooper, Gordon Johnson, Pauline Lindenbach, Betty Salmond. (7)
62. NIPAWIN. Vi Budd, Joyce Christiansen, Doug Pegg, Helen Pegg, Doug Phillips, Shirley Phillips. (6)
63. PIKE LAKE. Mrs. Marcel Bernier, Carol Blenkin, Kent Brace, Muriel Carlson, Melanie Elliott, Mary Gilliland, Bernie Gollop, Mike Gollop, Debbie Lashta, Frank McDougall, Kevin Moore, Doug and Marguerite Schneider, Aire Van Duyvendyk, Michael Williams, Jim Wood, Lois Wooding. (17)
64. PORCUPINE PLAIN. Les Baker, David Black, Frank Gabriel, Donald Hooper, Keith Larwood, Pat Larwood, Paula Remple. (7)
65. PREECEVILLE. Jim and Mary Grimsrud. (2)
66. PRINCE ALBERT (A). Elsie Morton. (1)
67. PRINCE ALBERT (B). Carol Beck, Ron Beck, John Burt, Pam Burt, Evelyn Chapuis, Carman Dodge, Keith Dodge, Joe Graumans, Hamilton Greenwood, George Huczek, Ted Snow. (11)
68. PRINCE ALBERT NATIONAL PARK. Marilyn Anions, Susan Carr, Chris Clinton, Eileen Clinton, Michael Fitzsimmons, Teri Jackson, Leanne Martin, Brad Muir, Steve Oates, Grant Peregoodoff, Adam Pidwerbeski, Julie Stocki, Colleen Watson, Fred Weil, Mike Wynn. (15)

69. QU'APPELLE VALLEY DAM. Al Hartley, Stan Shadick, *Michael Williams*, Jim Wood. (4)
70. RAYMORE. Anne Harris, Valeri Harris, *Wayne Harris*, Sheila Lamont. (4)
71. READ LAKE. *Daryl Johannesen*, Don Weidl. (2)
72. REGINA. John Allen, Sandy Ayer, Jessie Bailey, Martin Bailey, Margaret Belcher, *Carol Bjorklund*, Lionel Bonneville, Stephane Bonneville, Ryan Csada, Joanne Edwards, Kathy Ferguson, Kay Ferguson, Malcolm Hayes, Wilbur Heinrich, Dale Hjertaas, Estelle Hjertaas, Kerry Hjertaas, Paule Hjertaas, Phyllis Ilsley, Matthew James, Nicholas James, Paul James, Bob Kreba, Wee Lee, Christine MacDonald, Lauren Mang, Scott McKenzie, Yvonne McKenzie, Colin Morrell, Judy Morrell, Rick Morrell, Ron Myers, Mary Ann Nelson, Gwen Norelius, John Pollock, Brian Rainey, Gillian Richardson, Trevor Richardson, Dean Richert, Miriam Richert, Lyle Saigeon, Diane Secoy, Frank Switzer, Ian Switzer, Kathy Winston. (45)
73. ROUND LAKE. Ross Baker, *Doug Francis*, Pat Francis, Joe and Laura Grimeau, Olga MacDonald, Harry and Rita Minovitch, Gary Tinnish. (9)
74. SASKATOON. Norma Allen, Juhachi Asai, Kengo Asai, Mika Asai, Rika Asai, Sumiko Asai, Yuka Asai, Ian Bennett, Garth Besant, Jeff Besant, Joyce Besant, Maria Besant, Robert Besant, Bernard Bisha, Carol Blenkin, Barbara Brokx, Emile Brokx, Muriel Carlson, Bill Cates, Donna Cates, Paul Coutu, Vi Coutu, Amanda Dalglish, Eileen Dalglish, Fred Doner, Ann Dzus, Eric Ehman, Jeffrey Ehman, Helen Fast, Martin Gerard, Silvia Gerard, Colleen Gerwing, Bernadette Gilliland, Marshall Gilliland, *Mary Gilliland*, Sean Gilliland, Bob Godwin, Bernie Gollop, M.F. Gollop, John Hanbidge, Peter Hankowich, Ramona Harms, Martha Ann Helgerson, Adam Houston, David Houston, Margaret Houston, Mary Houston, Stuart Houston, Don Johnston, Janice Laliberte, Debbie Lashta, Don McRobbie, Jo McRobbie, Kathy Meeres, Cathryn Miller, David Miller, Quentin Miller, Sue Mitten, Kevin Moore, Lisa Napier, Menno Nickel, Brian Olson, Ben Rosser, Lynn Rowland, Aleta Silverhorn, Philip Taylor, Ivor Thokle, David Thorpe, Jeff Turple, Hilda Voth, Heather Wagg, Jim Wedgwood, Michael Williams, Jim Wood, Lois Wooding. (75)
75. SCOTT. Dale Booth, *Guy Wapple*. (2)
76. SIMPSON. *Thomas Harper*. (1)
77. SKULL CREEK. Frank Belhof, *James Bennetto*, Ray Bennetto, Doris Bircham, Ralph Bircham, Bob Eccleston, Phyllis Flaig, Corey Wasilow, Harvey Wasilow, Brad Wolfater, Robin Wolfater, Ron Wolfater. (12)
78. SOMME. Sharon Birch, David Black, Louise Butterfield, *Donald Hooper*, Margaret Hooper, Alex Kirk. (6)
79. SPALDING. *Velma Spizawka*, William Spizawka. (2)
80. SPINNEY HILL. *Ed Driver*, Philip Taylor. (2)
81. SPRING VALLEY. Allan Bogdan, Bryan Bogdan, *Flossie Bogdan*, Larry Bogdan, Nick Bogdan, Dean Goin. (6)
82. SPRUCE HOME. *Sharon and Tom Dice*. (2)
83. SQUAW RAPIDS. Anne Harris, Valeri Harris, *Wayne Harris*, Guy Wapple, Robert Wapple. (5)
84. SWIFT CURRENT. Jim Beaty, Meryl Champion, *Ron Jensen*, Velma Kinsman, Max Mirau, Anne Sakata, Ron Sakata, D. Thoreson, Kae Waters, John Weston, Pearl Weston, Betty Welgan, Ron Welgan. (13)
85. TISDALE. *Joyce Mohr*. (1)
86. TOMPKINS. *Raymond Olson*. (1)
87. VAL MARIE. Aaron Bakus, Tobert Bakus, Tyler Cherpin, Nicky Coté, Roy Coté, Logan Grant, Lynn Grant, Judy Facette, Curtis Franklin, Jamie Franklin, Ben McDonald, Donald McDonald, Cheryl Penny, *Jacques Saquet*, Jean-Claude Saquet, Michelle Saquet. (16)

Table 1. COUNT WEATHER CONDITIONS (T°C, Wind Km/h, Snow Cm)

COUNT NAME	Min T°C	Max. T°C	Min. Wind	Max. Wind	Min. Snow	Max. Snow	Sky A.M.	Sky P.M.
1. ABERNETHY-KATEPWA LAKE	-8	+3	30	40	15	30	mostly cloudy	mostly cloudy
2. ARMIT	-10	0	0	35	30	40	partly cloudy	clear
3. BANGOR	-12	-4	15	20	40	50	mostly cloudy	clear
4. BATTLEFORD	-10	-5	10	15		5		
5. BETHUNE	-6	-3	0	10	15	20		clear
6. BIGGAR	-6	-2	20	30	10	30	mostly cloudy	partly cloudy
7. BIG MUDDY LAKE	-1	-1	0	5	0	2	heavy fog	clear
8. BIG RIVER	-10	-5	0	5	25	34	mostly cloudy	mostly cloudy
9. BIRCH HILLS	0	+2	15	30	10	40	clear	clear
10. BORDEN	-5	-3	0	15	25	30	overcast	clear
11. BRIGHTWATER RESERVOIR	-10	-5	0	20	10	20	clear	clear
12. BROADVIEW	-4	+1	10	26	20	30	clear	clear
13. BROMHEAD	-8	-1	10	20	0	2	partly cloudy	partly cloudy
14. CANDLE LAKE	-15	-10	0	5	10	40	mostly cloudy	mostly cloudy
15. CHOICELAND-GRONLID	-18	-6	0	35	30	50	clear	clear
16. CLARK'S CROSSING	-17	-10	0	10	10	60	clear	mostly cloudy
17. CONQUEST-OUTLOOK	-10	-5	0	10	5	15	clear	clear
18. CRAVEN	-13	-6		22		15	clear	clear
19. CROOKED LAKE(A)	0	+1	15	20	25	30	clear	clear
20. CROOKED LAKE(B)	-3	-2	2	10	35	45		overcast
21. CROOKED RIVER	-15	-10	0	10	30	50	partly cloudy	partly cloudy
22. DALMENY	-13	-10	10	19	10	50	clear	partly cloudy
23. DILKE	-6	-3	15	30	0	20	clear	clear
24. DUVAL	-10	-4	0	7	0	30	clear	clear
25. EDAM	-10	-5	15	20	30	40	clear	clear
26. ENDEAVOUR	-18	+1	0	5	14	17	partly cloudy	clear
27. FENTON	-16	-5	0	6	5	25	clear	mostly cloudy
28. FORT QU'APPELLE	-23	-10	0	10	20	25		
29. FORT WALSH	-10	-5	20	60	0	12	partly cloudy	partly cloudy
30. GARDINER DAM	-3	+1	20	50	0	20	partly cloudy	clear
31. GLENTWORTH	-5	+5	5	50	0	2	clear	clear
32. GOOD SPIRIT LAKE	-3	-1	20	25	15	34	mostly cloudy	mostly cloudy
33. GOVENLOCK	-3	+5	0	20	0	5	clear	clear
34. GRASSLANDS NATIONAL PARK	-3	+5	0	50	0	5	clear	mostly clear
35. GRAYSON	-2	+4		40		5	clear	clear
36. GRENFELL	-15	-8				20		partly cloudy
37. HEPBURN								
38. HUDSON BAY	0	+4	20	40	35	40	mostly clear	mostly clear
39. HUMBOLDT	-10	-5	5	20	10	40	clear	clear
40. INDIAN HEAD	-10	-5	0	5	10	30	moderate fog	
41. KAMSACK	-14	-9	10	15	75	125		
42. KELVINGTON	-26		0	0		75		clear
43. KENASTON	-8	-4	0	15	0	15	mostly clear	mostly clear
44. KILWINNING	-5	-3	10	15	5	65	clear	mostly clear
45. KINDERSLEY	-6	-2	10	14	0	2	mostly clear	mostly clear
46. KINLOCH	-5	-8	0	10	45	60		
47. KUTAWAGAN LAKE	-8	-2	0	20	20	40	mostly clear	clear
48. LARONGE	-10	-1	5	15	40	60	clear	clear
49. LAST MOUNTAIN LAKE W.M.U.	-14	-1	5	20	5	30	clear	clear
50. LEADER	-10	+2	0	5	0	3	mostly clear	clear
51. LIVELONG	-15	-5	0	0		25	mostly clear	mostly clear
52. LOVE-TORCH RIVER	-6	-4	0	5	30	90	overcast	overcast
53. LUSELAND	-6	-1	0	5	22	49	mostly clear	clear
54. MACDOWALL	0	+4	15	20	30	80	mostly clear	partly cloudy
55. MATADOR	-2	+2	0	10	0	10	clear	clear
56. MEADOW LAKE	-6	-2	0	0	24	120	clear	clear
57. MELFORT	-16	-1	0	5	60	110	partly cloudy	mostly clear
58. MELVILLE	-10	0	0	0	20	100	mostly clear	
59. MOOSE JAW	-11	-1	8	12	3	18	mostly clear	mostly clear
60. NAICAM	-5	0		20		60	clear	mostly clear
61. NEELY LAKE	-23	-18	0	0	30	45	clear	clear
62. NIPAWIN	-5	-7		5		10		mostly clear
63. PIKE LAKE	-2	+3	15	30	20	50		
64. PORCUPINE PLAIN	-28	-20	0	3	30	45	m. clear, light snow	clear
65. PREECEVILLE	-18	-6	0	5	40	65	clear	
66. PRINCE ALBERT(A)								
67. PRINCE ALBERT(B)	-5	+4	5	20	5	25		
68. PRINCE ALBERT NATIONAL PARK	-10	-15	0	10	30	37	overcast	overcast
69. QU'APPELLE VALLEY DAM	-18	-14	0	15	10	60	p. cloudy, light snow	mostly clear
70. RAYMORE	-18	-3	0	20	25	40	clear	clear
71. READ LAKE		-15	25	35	46	50	partly cloudy	mostly cloudy
72. REGINA	-14	-2		25		20	clear	clear
73. ROUND LAKE	-10	-5	0	5	3	20	clear	clear
74. SASKATOON	-10	-1	13	22		26	partly cloudy	mostly clear
75. SCOTT	-17	-10	0	20	0	25	clear	mostly clear
76. SIMPSON	-5	-2	5	7	30	40	clear	clear
77. SKULL CREEK	+4	+5	40	45	0	0	partly cloudy	partly cloudy
78. SOMME	-12	0	5	40	40	45	partly cloudy	partly cloudy
79. SPALDING	-12	-5	0	5	50	70	clear	clear
80. SPINNEY HILL	-5	-1	0	5	0	110		

Table 1. COUNT WEATHER CONDITIONS (Continued) (T°C, Wind Km/h, Snow Cm)

COUNT NAME	Min T°C	Max. T°C	Min. Wind	Max. Wind	Min. Snow	Max. Snow	Sky A.M.	Sky P.M.
81. SPRING VALLEY	-15	-2	10	15	0	30	partly cloudy	partly cloudy
82. SPRUCE HOME	-12	-5	0	0	30	75	overcast	overcast
83. SQUAW RAPIDS	-13	-3	0	15	30	60	mostly clear	mostly clear
84. SWIFT CURRENT	-7	3	0	10	0	10	clear	mostly clear
85. TISDALE	-10	-4	10	15	30	35	clear	clear
86. TOMPKINS	0	+8	10	20	0	0		partly cloudy
87. VAL MARIE	-5	-1	0	14	0	4	mostly clear	clear
88. VANSCOY-DELISLE	-15	-10	0	10	0	20		
89. WARMAN	-12	-8	0	10	30	70	mostly clear	clear
90. WAUCHOPE	-10	-4	0	15	25	50	partly cloudy	mostly cloudy, heavy fog
91. WEYBURN	-3	0	30	35	8	12	mostly clear	mostly clear
92. WHITE BEAR	-12	-5	0	1	0	15	clear	clear
93. WHITE BEAR LAKE	-7	-2	0	12	9	18	overcast	overcast
94. WHITEBEECH	-3	-4	0	0	28	30		overcast
95. WHITEWOOD	-10	-4	0	20	30	50	clear	clear
96. YORKTON	-5	0	0	5		60	overcast, heavy fog	overcast, heavy fog
97. CARRAGANA					45	90		
98. CHRISTOPHER LAKE		-2	0	0	45	60	clear	
99. TURTLE LAKE	-15	-8	0	0			mostly clear	mostly clear

88. VANSCOY-DELISLE. Linda Lahey, A.R. Smith, Lois Smith, J.R. Smith. (4)

89. WARMAN. Terry Armstrong, Todd Arnold, Pam Martin, Lauraine Newell. (4)

90. WAUCHOPE. Dale Hjertaas, Warren Hjertaas. (2)

91. WEYBURN. Leo Belanger, L. Belanger, Ray Belanger, G. Bobbitt, E. Brodie, J. Burge, R. Churchill, R. Douglas, F. Garner, R. Gutfriend, B. Layh, P. Layh, C. Marcotte, R. Neville, N. Postey, J. Richelhof, H. Stairmand, S. Stairmand, G. Vince. (19)

92. WHITE BEAR. Darryl Jordheim, Floyd Jordheim, Gary Jordheim, Sig Jordheim. (4)

93. WHITE BEAR LAKE. Leo Belanger, Ray Belanger, Greg Bobbitt, Ross Douglas, Dick Gutfriend, Nick Postey. (6)

94. WHITEBEECH. John Kereliuk, Ed Terleski, Ida Wotherspoon, Lindsay Wotherspoon. (4)

95. WHITEWOOD. Pat Connelly, Boyd Metzler, John Pollock. (3)

96. YORKTON. Hazel Bjorgen, Warren Hjertaas, James Rushowick, Jeff Rushowick, Patrick Rushowick, Darlene Stakiw, Morris Stakiw, Dorothy Skene, Ed Skene, Harold Wilkinson. (10)

97. CARRAGANA. Stan Back, Agnes Chapman, David Chapman, Bill and Eleanor Howse, May Mueller, Margaret Sokoluk. (7)

98. CHRISTOPHER LAKE. Blake and Stella Jones, Cliff Matthews. (3)

99. TURTLE LAKE. E.M. Robinson, Marie Robinson. (2)

### Counts Received Too Late To Include In Table 3.

Although these counts arrived too late to include in their proper place in Table 3 the numbers have been incorporated into the three summary columns at the end of Table 3. All other information relating to these counts are in the appropriate tables except that they are not in the proper alphabetical order. The counts and their reference numbers and the species which should be in Table 3 are reported below in text form:

97. CARRAGANA. 26 December 1991. Gray Partridge, 6; Ruffed Grouse, 3; Northern Hawk Owl, +; Downy Woodpecker, 2; Hairy Woodpecker, 2; Pileated Woodpecker, 1; Gray Jay, 2; Blue Jay, 4; Black-billed Magpie, 4; Common Raven, 3; Black-capped Chickadee, 5; White-breasted Nuthatch, 2; Bohemian Waxwing, 6; Snow Bunting, 55; Pine Grosbeak, 18; Common Redpoll, 15; Evening Gros-

Table 2. COUNT COVERAGE (\* indicates counts which conform to the North American standard of all day counts covering a 15 mile diameter circle)

COUNT NAME	Km by Vehicle	Hours by Vehicle	Km on Foot	Hours on Foot	Hours at Feeders	Habitat Covered (%)											
						Coniferous Woods	Mixedwoods	Deciduous Woods	Aspen Grove/Prairie	Aspen Grove/Farmland	Native Prairie	Seeded Pasture	Cultivated Fields	Farmyard	City/town	Open Water	Other
1. ABERNETHY-KATEPWA L.	145	6	1	5	2					51-75			<5	6-25	<5		
2. ARMIT*	203	10	16	7		6-25	26-50	6-25				6-25	<5	<5			
3. BANGOR	75	2	7	3	5	<5		26-50		<5	<5	26-50	26-50		>75		
4. BATTLEFORD																	
5. BETHUNE	25	2.5	1	.75													
6. BIGGAR*	172	11.5	13	6	1					6-25		51-75	26-50	6-25			
7. BIG MUDDY LAKE*	101	8															
8. BIG RIVER	3	.25	2	.75	1.5	26-50									26-50		
9. BIRCH HILLS	142	5	1	1.5	2			6-25		6-25		6-25	6-25	6-25			
10. BORDEN	75	3	1	1				6-25		51-75							
11. BRIGHTWATER RESERVOIR	105	3	5	5				51-75	6-25			<5	6-25	6-25	6-25		
12. BROADVIEW	103	3.5	5	3					51-75		6-25		<5	6-25			
13. BROMHEAD*	166	6.5	1	.5								>75		6-25			
14. CANDLE LAKE	167	8	2	1.5	1	26-50	26-50	26-50									
15. CHOICELAND-GRONLID	130	4	2	2		26-50	26-50			26-50			6-25	<5			
16. CLARK'S CROSSING	368	14.5	6.5	5.25				6-25	<5	26-50	<5	<5	26-50	6-25	6-25	<5	<5
17. CONQUEST-OUTLOOK	105	3	3	1				<5	<5	<5	<5	<5	26-50		6-25	<5	
18. CRAVEN	200	12.5	6	5.75													
19. CROOKED LAKE(A)	140	5	5	2				26-50	6-25	6-25		<5	6-25	<5	<5	<5	
20. CROOKED LAKE(B)	30	2	2	.75	2			>75	6-25								
21. CROOKED RIVER	100	3	1	1		6-25	6-25	6-25					26-50	6-25	6-25		
22. DALMENY			19	5						26-50	<5	<5	51-75	6-25	<5	<5	
23. DILKE	120	3.25	7	3.5					6-25	6-25	6-25		6-25	<5	<5		
24. DUVAL	142	5.5	4	1.5	5					26-50			26-50	6-25	6-25		
25. EDAM	40	2			10					51-75							
26. ENDEAVOUR	40	3.5	2	3						51-75				6-25			
27. FENTON	152	4			1					6-25			51-75				
28. FORT QU'APPELLE	100	8	2	1	8			6-25		6-25			6-25	6-25	6-25	<5	
29. FORT WALSH*	174	15	38	16.5	1		51-75				<5		6-25	6-25			6-25
30. GARDINER DAM*	287	5.5	13	6.5							<5		26-50	26-50		26-50	6-25
31. GOOD SPIRIT LAKE*	100	4	5	2.5	2	<5	<5	6-25	6-25	26-50	<5	6-25	26-50	6-25	<5		
32. GLENTWORTH	182	3	9	5					<5		>75		<5	<5			
33. GOVENLOCK*	316	13	16	8							51-75		26-50	6-25			6-25
34. GRASSLANDS NAT. PARK	211	5	3	2							51-75		6-25	6-25			
35. GRAYSON	50	5	8	1	1			6-25		26-50			6-25	6-25		<5	
36. GRENFELL			5	3													
37. HEPBURN																	
38. HUDSON BAY*	348	12	12	5	3	6-25	6-25	6-25					6-25	6-25	26-50	<5	
39. HUMBOLDT	50	2	1	1	1					26-50	<5		26-50		6-25		
40. INDIAN HEAD	200	8	10	7	6				5-25	26-50	6-25		26-50	6-25	6-25	<5	
41. KAMSACK					18	26-50	26-50		6-25	6-25							<5
42. KELVINGTON	40	2			5					6-25			6-25	51-75			
43. KENASTON	90	9	1	1						51-75					6-25		
44. KILWINNING	67	4.5				<5	6-25	6-25		26-50	<5		26-50	<5	<5		
45. KINDERSLEY	164	4.5								51-75	<5		6-25		<5		
46. KINLOCH	50	2.5	1	.5	8	<5	6-25	6-25		26-50				<5			
47. KUTAWAGAN LAKE	201	4	1	1							6-25		>75				
48. LARONGE	104	5.5	2	.5	1	6-25	51-75								6-25	<5	
49. LAST MOUNTAIN L. W.M.U.*	260	6	2	2							6-25	6-25	>75	6-25			
50. LEADER	50	1	6	3						26-50			6-25	6-25			
51. LIVELONG			4	1	4					6-25					>75		
52. LOVE-TORCH RIVER	138	5.5	1	1	10	<5	26-50			26-50					<5		
53. LUSELAND	72	2.5	16.5	12	1				6-25	26-50	<5	6-25	6-25	6-25	6-25		
54. MACDOWALL	80	3.25	11	3.25	12.5		6-25		51-75					6-25			
55. MATADOR	98	5	5	2							51-75	6-25	6-25	<5			26-50
56. MEADOW LAKE	100	3.5	4	3	10	6-25		6-25		6-25					6-25		
57. MELFORT	20	3	4	2	1	<5	6-25						51-75	<5			
58. MELVILLE	40	1	1	.5	2					26-50			6-25	51-75	6-25		
59. MOOSE JAW	113	7	14	11	2								6-25		6-25		26-50
60. NAICAM	111	5	1	1	4					26-50			26-50				
61. NEELY LAKE	52	4	1	1	7		6-25	26-50					6-25	6-25			
62. NIPAWIN	6	.25	3	2	2		>75								6-25		
63. PIKE LAKE	342	8.25	27	23.5	16			26-50	<5	6-25		<5	6-25	6-25		<5	<5
64. PORCUPINE PLAIN	100	4	2	2	4		6-25	6-25					26-50	6-25	26-50		
65. PREECEVILLE	50	2.25	3.5	2.75		<5	6-25	6-25		6-25		<5	6-25	6-25	6-25	<5	



Table 2. COUNT COVERAGE (Continued) (\* indicates counts which conform to the North American standard of all day counts covering a 15 mile diameter circle)

COUNT NAME	Km by Vehicle	Hours by Vehicle	Km on Foot	Hours on Foot	Hours at Feeders	Habitat Covered (%)											
						Coniferous Woods	Mixedwoods	Deciduous Woods	Aspen Grove/Prairie	Aspen Grove/Farmland	Native Prairie	Seeded Pasture	Cultivated Fields	Farmyard	City/town	Open Water	Other
66. PRINCE ALBERT(A)																	
67. PRINCE ALBERT(B)	216	14.5	3	1.5	7					<5						>75	<5
68. PRINCE ALBERT NAT. PK.*	73	6.5	28	10.5	2	6-25	26-50	6-50								6-25	<5
69. QU'APPELLE VALLEY DAM	220	6.5	5	2.5				26-50	<5	6-25	<5	<5	26-50	6-25		6-25	<5
70. RAYMORE*	216	8	5	3	2					26-50			26-50	6-25		<5	
71. READ LAKE			5	5		>75	<5										
72. REGINA*	620	24.5	70	38													
73. ROUND LAKE	118	5	1	1	4				6-25	6-25	26-50		26-50	6-25			<5
74. SASKATOON*	867	67	111	55	53												
75. SCOTT*	193	6	3	2									26-50	26-50	6-25		
76. SIMPSON	15	2			6					>75	<5		<5				
77. SKULL CREEK	129	9	13	10					6-25	6-25	6-25		26-50	26-50			
78. SOMME	120	16	2	3	4		26-50	6-25					6-25	6-25	6-25		
79. SPALDING	80	2	6	3	2		26-50							6-25	26-50		
80. SPINNEY HILL	308	5.5	.5	.7		<5	<5	6-25				<5	<5			<5	<5
81. SPRING VALLEY	126	4.5	4.5	1.5							26-50		51-75	26-50			
82. SPRUCE HOME					3										>75		
83. SQUAW RAPIDS*	90	9	10	5		6-25	51-75	26-50					<5	<5	<5		<5
84. SWIFT CURRENT	120	10	24	12	12						6-25	6-25	6-25	6-25	6-25	6-25	<5
85. TISDALE	100	3				<5	6-25			51-75							
86. TOMPKINS	30	2.5							26-50		26-50						
87. VAL MARIE	221	11	13	6.5							51-75		<5	6-25	<5	<5	
88. VANSCOY-DELISLE	112	4.7	2	.5	3				26-50	<5	<5	<5	26-50	<5	6-25	<5	
89. WARMAN	270	10.3	1	.5	1.5					26-50			51-75	6-25	<5		
90. WAUCHOPE	70	2	6	2	2				6-25	26-50				26-50	26-50		
91. WEYBURN	485	13	10	3.5	1	<5	6-25	<5	6-25	26-50	6-25	<5	26-50	6-25	6-25	6-25	<5
92. WHITE BEAR	60	.9	34	12	.25						>75		6-25	<5			
93. WHITE BEAR LAKE	137	4	6	2				26-50		26-50			26-50	<5	6-25		
94. WHITEBEECH	52	3	2	1	5		26-50				6-25		26-50				
95. WHITEWOOD	180	6	3	1	1					26-50			6-25	<5	6-25		
96. YORKTON	45	4	5	3	1											>75	<5
97. CARRAGANA	45	3	6	4	1		26-50	6-25								6-25	
98. CHRISTOPHER LAKE	31	1			16		>75						<5				
99. TURTLE LAKE					8												

beak, 20; House Sparrow, 4. Total species, 16; Total count period species, 17; Species in Table 4 & 5, 0; Individuals in Table 4 & 5, 0; Total count day individuals, 152.

98. CHRISTOPHER LAKE. 26 December 1991. Ruffed Grouse, 2; Northern Hawk Owl, 1; Downy Woodpecker, 1; Hairy Woodpecker, 1; Blue Jay, 4; Black-billed Magpie, 1; Common Raven, 1; Black-capped Chickadee, 4; Red-breasted Nuthatch, 1; White-breasted Nuthatch, 1; Common Redpoll, 2; Evening Grosbeak, 1. Total species, 12; Total count period species, 12; Species in Table 4 & 5, 0;

Individuals in Table 4 & 5, 0; Total count day individuals, 20.

99. TURTLE LAKE. 2 January 1992. Bald Eagle, 1; Ruffed Grouse, 2; Great Gray Owl, 2; Downy Woodpecker, 8; Hairy Woodpecker, 10; Gray Jay, 7; Blue Jay, 10; Black-billed Magpie, 5; Common Raven, 25; Black-capped Chickadee, 15; Boreal Chickadee, 1; White-breasted Nuthatch, 4; Pine Grosbeak, 100; Common Redpoll, 25; Hoary Redpoll, 15; Evening Grosbeak, 75. Total species, 17; Total count period species, 17; Species in Table 4 & 5, 1; Individuals in Table 4 & 5, 2; Total count day individuals, 307.

- |                           |                           |                      |
|---------------------------|---------------------------|----------------------|
| 1. ABERNETHY-KATEPWA L.   | 65. PREECEVILLE           | 83. SQUAW RAPIDS     |
| 2. ARMIT                  | 66. PRINCE ALBERT (A)     | 84. SWIFT CURRENT    |
| 3. BANGOR                 | 67. PRINCE ALBERT (B)     | 85. TISDALE          |
| 4. BATTLEFORD             | 68. PRINCE ALBERT N.P.    | 86. TOMPKINS         |
| 5. BETHUNE                | 69. QU'APPELLE VALLEY DAM | 87. VAL MARIE        |
| 6. BIGGAR                 | 70. RAYMORE               | 88. VANSCOY-DELISLE  |
| 7. BIG MUDDY              | 71. READ LAKE             | 89. WARMAN           |
| 8. BIG RIVER              | 72. REGINA                | 90. WAUCHOPE         |
| 9. BIRCH HILLS            | 73. ROUND LAKE            | 91. WEYBURN          |
| 10. BORDEN                | 74. SASKATOON             | 92. WHITE BEAR       |
| 11. BRIGHTWATER RESERVOIR | 75. SCOTT                 | 93. WHITE BEAR LAKE  |
| 12. BROADVIEW             | 76. SIMPSON               | 94. WHITEBEECH       |
| 13. BROMHEAD              | 77. SKULL CREEK           | 95. WHITEWOOD        |
| 14. CANDLE LAKE           | 78. SOMME                 | 96. YORKTON          |
| 15. CHOICELAND-GRONLID    | 79. SPALDING              | 97. CARRAGANA        |
| 16. CLARK'S CROSSING      | 80. SPINNEY HILL          | 98. CHRISTOPHER LAKE |
| 17. CONQUEST-OUTLOOK      | 81. SPRING VALLEY         | 99. TURTLE LAKE      |
| 18. CRAVEN                | 82. SPRUCE HOME           |                      |

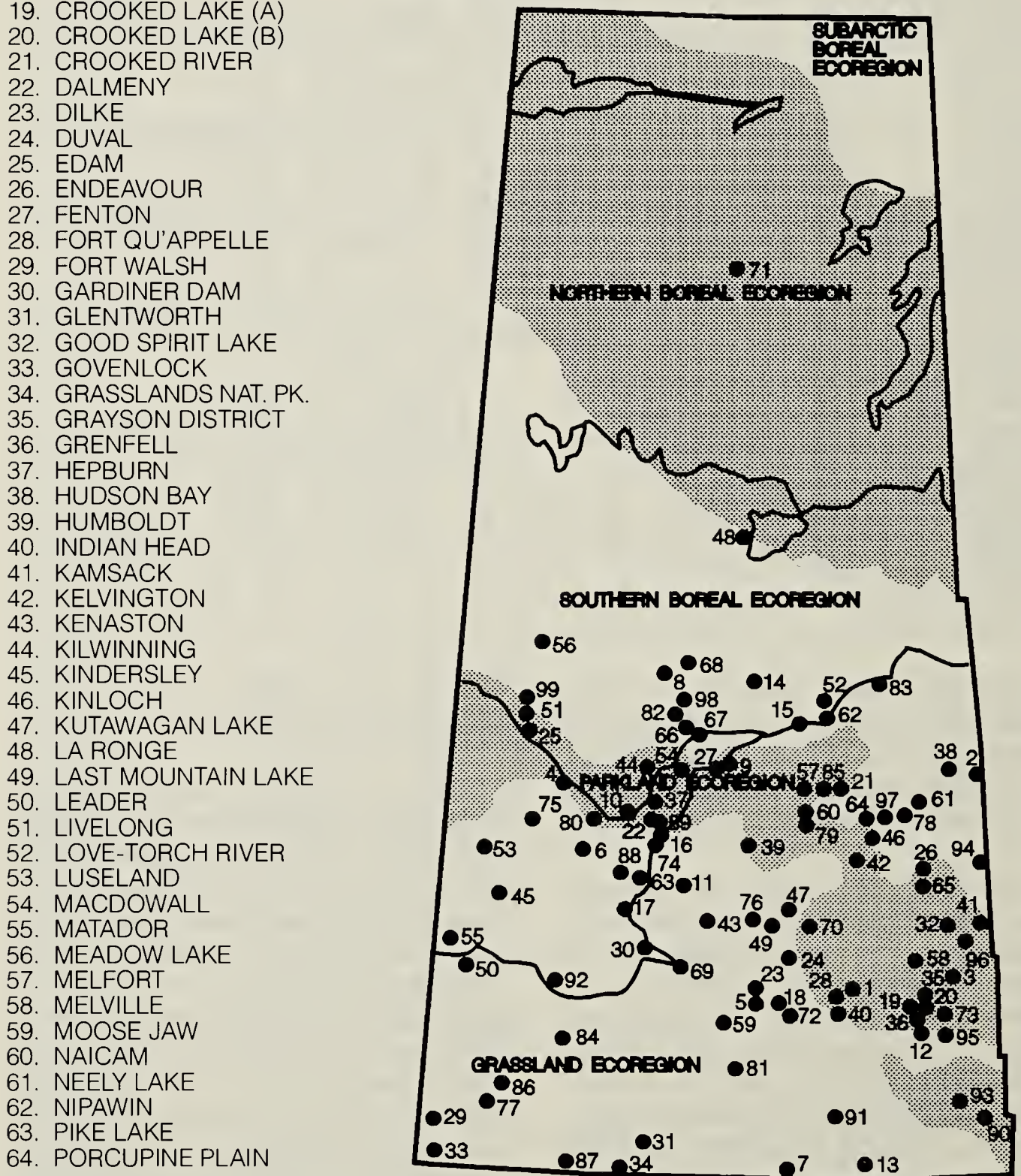


Figure 1. Location of 1991 counts.

Table 3-1. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	1. ABERNETHY 21 Dec. 1991	2. ARMIT 23 Dec. 1991	3. BANGOR 2 Jan. 1992	4. BATTLEFORD 26 Dec. 1991	5. BETHUNE 15 Dec. 1991	6. BIGGAR 19 Dec. 1991	7. BIG MUDDY L. 30 Dec. 1991	8. BIG RIVER 28 Dec. 1991	9. BIRCH HILLS 21 Dec. 1991	10. BORDEN 1 Jan. 1992
MALLARD		12									
COMMON GOLDENEYE		6									1
BALD EAGLE		+									1
NORTHERN GOSHAWK			1								2
GOLDEN EAGLE		1	1	+			1	3			
MERLIN		+					+				
PRAIRIE FALCON								1			
GRAY PARTRIDGE		23		+		22	49	19			
RING-NECKED PHEASANT								1			
RUFFED GROUSE			13	11	1		+		4	1	
SHARP-TAILED GROUSE		34	1	+		5	73				17
ROCK DOVE		6					174	30		6	41
GREAT HORNED OWL			2	+			2	2	+	1	1
SNOWY OWL		+		+		1	+			3	
NORTHERN HAWK OWL			4								1
GREAT GRAY OWL			4								
DOWNY WOODPECKER		2	2	4	2		4	1		1	1
HAIRY WOODPECKER		1	2	4	2		2			4	
BLACK-BACKED WOODPECKER			2								
PILEATED WOODPECKER			1						+		
HORNED LARK								3			
GRAY JAY			9						2		
BLUE JAY		8	8	3			6	4	4	1	2
BLACK-BILLED MAGPIE		29	14	9	+	3	140	23	1	44	17
COMMON RAVEN		2	34	1	1		18		6	9	4
BLACK-CAPPED CHICKADEE		37	1	30	2	3	35	2	6	26	7
BOREAL CHICKADEE			1								
RED-BREASTED NUTHATCH							4		3		
WHITE-BREASTED NUTHATCH		7	2							1	
AMERICAN ROBIN		1					+			1	
BOHEMIAN WAXWING		58		12			30	60		74	
CEDAR WAXWING											
NORTHERN SHRIKE								1			
EUROPEAN STARLING							22	12			
DARK-EYED JUNCO (Slate-col.)				1							
SNOW BUNTING		28	13	+		40	1417			15	48
WESTERN MEADOWLARK		1									
RUSTY BLACKBIRD							5	1			
PINE GROSBEAK		10		17	3		5			2	17
WHITE-WINGED CROSSBILL		8					16				
COMMON REDPOLL		89	2	52	4		26	43		46	32
HOARY REDPOLL		29								5	
PINE SISKIN											
EVENING GROSBEAK		1	50							6	
HOUSE SPARROW		30		49	5	60	718	27	15	117	116
NO. SPECIES COUNT DAY		23	23	12	8	7	22	20	8	19	16
NO. SPECIES COUNT PERIOD		26	23	18	9	7	26	20	11	19	16
NO. SPECIES TABLE 4 & 5		0	3	0	0	0	3	3	1	0	0
NO. INDIV. TABLE 4 & 5		0	12	0	0	0	17	35	0	0	0
NO. INDIVIDUALS COUNT DAY		423	179	193	20	134	2764	268	41	363	308

Table 3-2. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	11. BRIGHTWATER 22 Dec. 1991	12. BROADVIEW 28 Dec. 1991	13. BROMHEAD 2 Jan. 1992	14. CANDLE LAKE 2 Jan. 1992	15. CHOICELAND 2 Jan. 1992	16. CLARK'S CROSS 29 Dec. 1991	17. CONQUEST 26 Dec. 1991	18. CRAVEN 20 Dec. 1991	19. CROOKED L.(A) 27 Dec. 1991	20. CROOKED L.(B) 30 Dec. 1991
MALLARD										2	
COMMON GOLDENEYE							25				
BALD EAGLE											2
NORTHERN GOSHAWK			1			2				1	
GOLDEN EAGLE		1		2						4	
MERLIN											
PRAIRIE FALCON				1							
GRAY PARTRIDGE		19	11				51	13		13	10
RING-NECKED PHEASANT				3							
RUFFED GROUSE			1		4	3			3	1	
SHARP-TAILED GROUSE		1	61	42		17	25			134	14
ROCK DOVE			6			48	50	40	4	3	
GREAT HORNED OWL				4		1		1			
SNOWY OWL		2	+	1		1	3				1
NORTHERN HAWK OWL					2	2					
GREAT GRAY OWL					1						
DOWNY WOODPECKER		1	1		3	7	1	1	2	3	5
HAIRY WOODPECKER		3	1		2	3			1	4	1
BLACK-BACKED WOODPECKER					1	1					
PILEATED WOODPECKER					3	2					
HORNED LARK				34							
GRAY JAY					26	19					
BLUE JAY			1		2	13		1	11	7	5
BLACK-BILLED MAGPIE		16	30	4	14	28	115	20	50	47	6
COMMON RAVEN		4	4		49	62	3				1
BLACK-CAPPED CHICKADEE		8	22		50	11	15	11	31	44	33
BOREAL CHICKADEE					21	2					
RED-BREASTED NUTHATCH					10	1					
WHITE-BREASTED NUTHATCH			3		1					3	6
AMERICAN ROBIN											
BOHEMIAN WAXWING		46	85			18	81		30	56	23
CEDAR WAXWING											34
NORTHERN SHRIKE			+					1	3	1	
EUROPEAN STARLING			7	17			32	20			
DARK-EYED JUNCO (Slate-col.)		1									9
SNOW BUNTING		1	15	294		172	108	30			
WESTERN MEADOWLARK											
RUSTY BLACKBIRD		4									
PINE GROSBEAK		13	21		13	32	7	5	16	17	
WHITE-WINGED CROSSBILL					1	14					
COMMON REDPOLL		141	40	326	34	112	2	49	176	138	55
HOARY REDPOLL				3	1	2					
PINE SISKIN											4
EVENING GROSBEAK					95	8					6
HOUSE SPARROW		10	178	140		68	954	66	187	20	31
NO. SPECIES COUNT DAY		16	18	14	21	28	15	13	12	18	19
NO. SPECIES COUNT PERIOD		16	20	14	21	28	15	13	12	18	19
NO. SPECIES TABLE 4 & 5		0	0	1	1	2	1	0	1	0	1
NO. INDIV. TABLE 4 & 5		0	0	33	1	2	1	0	8	0	2
NO. INDIVIDUALS COUNT DAY		271	488	904	334	651	1473	258	522	498	248

Table 3-3. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

21. CROOKED R. 24 Dec. 1991	22. DALMENY 20 Dec. 1991	23. DILKE 22 Dec. 1991	24. DUVAL 28 Dec. 1991	25. EDAM 29 Dec. 1991	26. ENDEAVOUR 25 Dec. 1991	27. FENTON 26 Dec. 1991	28. FT. QU'APPELLE 17 Dec. 1991	29. FORT WALSH 14 Dec. 1991	30. GARDINER DAM 16 Dec. 1991	LOCATION & DATE	SPECIES
							37	5	2800		MALLARD
							17		53		COMMON GOLDENEYE
							1	+	4		BALD EAGLE
2					+		2	+	1		NORTHERN GOSHAWK
		+		1			+	6	2		GOLDEN EAGLE
							+				MERLIN
								+			PRAIRIE FALCON
		68	24		+		30	4	88		GRAY PARTRIDGE
							3	4			RING-NECKED PHEASANT
+					2		1				RUFFED GROUSE
2		9	12	1	6	10	3	1	24		SHARP-TAILED GROUSE
40	2	1	26	25	17	1	2	2	102		ROCK DOVE
1	1	+	2	4		+	+	5	2		GREAT HORNED OWL
+			1	2			+				SNOWY OWL
4					1	+					NORTHERN HAWK OWL
1					1						GREAT GRAY OWL
2			1	6	1	3	7	9	1		DOWNY WOODPECKER
1			2	4	1	2	6	2			HAIRY WOODPECKER
								1			BLACK-BACKED WOODPECKER
											PILEATED WOODPECKER
	+							1	4		HORNED LARK
4			1		4		+				GRAY JAY
11		3	1	6	3	2	9		6		BLUE JAY
36	10	14	30	14	2	24	36	121	74		BLACK-BILLED MAGPIE
41				1	27	9	+		1		COMMON RAVEN
7	1	3	22	10	13	13	68	72	9		BLACK-CAPPED CHICKADEE
											BOREAL CHICKADEE
							2	62			RED-BREASTED NUTHATCH
						1	13				WHITE-BREASTED NUTHATCH
									2		AMERICAN ROBIN
	20		29	6			118	41	141		BOHEMIAN WAXWING
				10	5		+				CEDAR WAXWING
1							+	6	1		NORTHERN SHRIKE
						12					EUROPEAN STARLING
									1		DARK-EYED JUNCO (Slate-col.)
38		18	6		75	35	+	165	103		SNOW BUNTING
		+							1		WESTERN MEADOWLARK
				1	1		2	6	2		RUSTY BLACKBIRD
32	1			10	4	+	12	19	22		PINE GROSBEAK
								41			WHITE-WINGED CROSSBILL
75	+	79		10		6	3	91	34		COMMON REDPOLL
4					3		+	2			HOARY REDPOLL
											PINE SISKIN
100					1	+	+				EVENING GROSBEAK
200	30	157	493	10	20	13	171	67	383		HOUSE SPARROW
21	7	9	14	17	20	13	25	34	30		NO. SPECIES COUNT DAY
23	9	12	15	18	22	17	39	39	30		NO. SPECIES COUNT PERIOD
1	0	0	1	1	1	0	7	15	5		NO. SPECIES TABLE 4 & 5
1	0	0	0	0	1	0	13	149	261		NO. INDIV. TABLE 4 & 5
603	65	352	650	121	188	131	556	882	4122		NO. INDIVIDUALS COUNT DAY

Table 3-4. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	31. GLENTWORTH 19 Dec. 1991	32. GOOD SPIRIT L. 22 Dec. 1991	33. GOVENLOCK 15 Dec. 1991	34. GRASSLANDS 28 Dec. 1991	35. GRAYSON 21 Dec. 1991	36. GRENFELL 26 Dec. 1991	37. HEPBURN 31 Dec. 1991	38. HUDSON BAY 21 Dec. 1991	39. HUMBOLDT 26 Dec. 1991	40. INDIAN HEAD 29 Dec. 1991
MALLARD						2			1		9
COMMON GOLDENEYE											2
BALD EAGLE		+			1						+
NORTHERN GOSHAWK			+						1	+	
GOLDEN EAGLE		4		5	3						
MERLIN										+	
PRAIRIE FALCON		1		1	1						+
GRAY PARTRIDGE		17	14	5	19					25	96
RING-NECKED PHEASANT		14		4	62						
RUFFED GROUSE			1			+			1	2	
SHARP-TAILED GROUSE		32	16	45	44	37			12	7	30
ROCK DOVE		42	13	100	3				115	12	23
GREAT HORNED OWL		+	+	5	+				+	1	2
SNOWY OWL											3
NORTHERN HAWK OWL									3		
GREAT GRAY OWL									+		
DOWNY WOODPECKER		1	12		1	4	1		1	+	9
HAIRY WOODPECKER			11			3	1	1	1	1	9
BLACK-BACKED WOODPECKER											
PILEATED WOODPECKER			+								
HORNED LARK		426		75	136						
GRAY JAY									16		+
BLUE JAY			4			1		1	29	2	11
BLACK-BILLED MAGPIE		41	38	13	49	17		1	72	32	51
COMMON RAVEN			6			1			261	4	
BLACK-CAPPED CHICKADEE		2	61			18	2	5	35	35	56
BOREAL CHICKADEE									3		
RED-BREASTED NUTHATCH									1		2
WHITE-BREASTED NUTHATCH			3					1	1	+	6
AMERICAN ROBIN		1			1						
BOHEMIAN WAXWING		17	2			135	3		30		107
CEDAR WAXWING			+							6	9
NORTHERN SHRIKE		1	+	3	+				+		1
EUROPEAN STARLING		4	1	1	2					4	
DARK-EYED JUNCO (Slate-col.)		4			3						1
SNOW BUNTING		1022	35	581	168	6			1255	+	200
WESTERN MEADOWLARK		1			1						1
RUSTY BLACKBIRD		4			3				+		
PINE GROSBEAK			22					2	47	15	6
WHITE-WINGED CROSSBILL									4		
COMMON REDPOLL		48	40	156	49	24		2	21	45	197
HOARY REDPOLL		2	3	1					8		
PINE SISKIN									+		
EVENING GROSBEAK			+						188		
HOUSE SPARROW		165	42	421	416	2	85	6	40	50	96
NO. SPECIES COUNT DAY		30	18	19	25	13	6	9	25	15	27
NO. SPECIES COUNT PERIOD		32	24	19	29	14	6	9	31	21	31
NO. SPECIES TABLE 4 & 5		9	0	5	9	1	1	1	2	1	4
NO. INDIV. TABLE 4 & 5		401	0	484	86	2	1	1	1	0	4
NO. INDIVIDUALS COUNT DAY		2250	324	1900	1048	253	93	20	2147	241	931

Table 3-5. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

41. KAMSACK 26 Dec. 1991	42. KELVINGTON 14 Dec. 1991	43. KENASTON 23 Dec. 1991	44. KILWINNING 22 Dec. 1991	45. KINDERSLEY 31 Dec. 1991	46. KINLOCH 29 Dec. 1991	47. KUTAWAGAN L. 27 Dec. 1991	48. LA RONGE 26 Dec. 1991	49. LAST MT. LAKE 26 Dec. 1991	50. LEADER 20 Dec. 1991	LOCATION & DATE	SPECIES
											MALLARD
											COMMON GOLDENEYE
									2		BALD EAGLE
											NORTHERN GOSHAWK
		+						2	2		GOLDEN EAGLE
											MERLIN
											PRAIRIE FALCON
40	12	75		8	+	39		137	21		GRAY PARTRIDGE
									19		RING-NECKED PHEASANT
					+		+				RUFFED GROUSE
8		+	3		3			17	1		SHARP-TAILED GROUSE
		18	1		+	1		106			ROCK DOVE
1			1		+			1	1		GREAT HORNED OWL
		+		7		3		8			SNOWY OWL
					1						NORTHERN HAWK OWL
1											GREAT GRAY OWL
3	2	+	1		1		+	1	1		DOWNY WOODPECKER
6	3	+	1		2		1				HAIRY WOODPECKER
											BLACK-BACKED WOODPECKER
7					1		1		1		PILEATED WOODPECKER
			3					2			HORNED LARK
					1		13				GRAY JAY
30	10	1	2		21	1	5				BLUE JAY
19	9	13	47	8	11	43	3	97	48		BLACK-BILLED MAGPIE
28	8	+	4		19		106				COMMON RAVEN
62	20	2	23		26		9	1	2		BLACK-CAPPED CHICKADEE
4			1				2				BOREAL CHICKADEE
11			1				1				RED-BREASTED NUTHATCH
4					1						WHITE-BREASTED NUTHATCH
4											AMERICAN ROBIN
280	12				1				2		BOHEMIAN WAXWING
20											CEDAR WAXWING
		+	1								NORTHERN SHRIKE
								2			EUROPEAN STARLING
16							+				DARK-EYED JUNCO (Slate-col.)
100	100	254	370		12	165		533			SNOW BUNTING
								1			WESTERN MEADOWLARK
											RUSTY BLACKBIRD
222	6	27	6		11	1	23	4			PINE GROSBEAK
											WHITE-WINGED CROSSBILL
71	30	1	97		19	8	59	71	20		COMMON REDPOLL
			2		6		7		10		HOARY REDPOLL
30											PINE SISKIN
429	50				20		15				EVENING GROSBEAK
186	20	17	80	56	34	125		553	62		HOUSE SPARROW
26	13	9	18	4	18	9	13	19	14		NO. SPECIES COUNT DAY
27	13	16	18	4	22	9	16	19	14		NO. SPECIES COUNT PERIOD
3	0	0	0	0	0	0	0	3	0		NO. SPECIES TABLE 4 & 5
19	0	0	0	0	0	0	0	3	0		NO. INDIV. TABLE 4 & 5
1601	282	408	644	79	190	386	245	1542	192		NO. INDIVIDUALS COUNT DAY

Table 3-6. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	51. LIVELONG 20 Dec. 1991	52. LOVE-TORCH R. 31 Dec. 1991	53. LUSELAND 27 Dec. 1991	54. MACDOWALL 21 Dec. 1991	55. MATADOR 27 Dec. 1991	56. MEADOW LAKE 29 Dec. 1991	57. MELFORT 14 Dec. 1991	58. MELVILLE 25 Dec. 1991	59. MOOSE JAW 26 Dec. 1991	60. NAICAM 27 Dec. 1991
MALLARD											
COMMON GOLDENEYE											
BALD EAGLE						1					
NORTHERN GOSHAWK				1							1
GOLDEN EAGLE						+					
MERLIN											
PRAIRIE FALCON				1		1				1	
GRAY PARTRIDGE			6	139		4				31	6
RING-NECKED PHEASANT										7	
RUFFED GROUSE	+	6					1			15	
SHARP-TAILED GROUSE				17	10	9			+		4
ROCK DOVE	10	63	86	6	8	12			+	242	1
GREAT HORNED OWL		2	+			+				1	1
SNOWY OWL	+		3			+	2		+	2	
NORTHERN HAWK OWL			3		1						
GREAT GRAY OWL			1								
DOWNY WOODPECKER	4	6	3	4	1	2	2			9	1
HAIRY WOODPECKER	6	7	5	4		5				1	1
BLACK-BACKED WOODPECKER		+		1							
PILEATED WOODPECKER		3			+						
HORNED LARK				1							
GRAY JAY			4		2		2				
BLUE JAY	8	22	6	19		3	3				1
BLACK-BILLED MAGPIE	2	13	34	3	5	19	5	2		45	13
COMMON RAVEN	4	70		8		54	6	+			2
BLACK-CAPPED CHICKADEE	12	93	15	58	9	19	3	+		29	6
BOREAL CHICKADEE											
RED-BREASTED NUTHATCH										7	
WHITE-BREASTED NUTHATCH			4		1		2			3	
AMERICAN ROBIN											
BOHEMIAN WAXWING			5	18		70	11	30		33	7
CEDAR WAXWING				1			9				
NORTHERN SHRIKE						1					
EUROPEAN STARLING				8							6
DARK-EYED JUNCO (Slate-col.)							2			2	
SNOW BUNTING	50	129	650	60	7	190	100			35	170
WESTERN MEADOWLARK											
RUSTY BLACKBIRD											
PINE GROSBEAK	20	41	+	9	+	23		8		4	16
WHITE-WINGED CROSSBILL					+						
COMMON REDPOLL	30	385	52	24		44		8		40	2
HOARY REDPOLL				6	40						
PINE SISKIN		25				17					
EVENING GROSBEAK	20	306		121		102				+	
HOUSE SPARROW	50	80	369	30		299	100	15		475	244
NO. SPECIES COUNT DAY	12	25	19	18	12	22	8	4		22	17
NO. SPECIES COUNT PERIOD	16	26	21	21	16	22	8	9		24	17
NO. SPECIES TABLE 4 & 5	1	2	1	1	0	2	0	0		4	0
NO. INDIV. TABLE 4 & 5	0	4	1	0	0	8	0	0		5	0
NO. INDIVIDUALS COUNT DAY	216	1303	1410	367	156	826	249	33		987	482



Table 3-7. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

61. NEELY LAKE 17 Dec. 1991	62. NIPAWIN 27 Dec. 1991	63. PIKE LAKE 21 Dec. 1991	64. PORCUPINE PL. 14 Dec. 1991	65. PREECEVILLE 26 Dec. 1991	66. PRINCEALBERT(A) 21 Dec. 1991	67. PRINCEALBERT(B) 22 Dec. 1991	68. P.A. NAT. PARK 15 Dec. 1991	69. QU'APPELLE V. 14 Dec. 1991	70. RAYMORE 25 Dec. 1991	LOCATION & DATE	SPECIES
								1			MALLARD
			1					1	+		COMMON GOLDENEYE
		1	+				+		2		BALD EAGLE
								2			NORTHERN GOSHAWK
									1		GOLDEN EAGLE
						+					MERLIN
											PRAIRIE FALCON
7		31	5					19	17		GRAY PARTRIDGE
											RING-NECKED PHEASANT
+			1				1		4		RUFFED GROUSE
33		150		5				54	116		SHARP-TAILED GROUSE
4		15		12		333		2	211		ROCK DOVE
+			1			1	+	3	4		GREAT HORNED OWL
									1		SNOWY OWL
1			2								NORTHERN HAWK OWL
							+				GREAT GRAY OWL
6	2	4	2	1	2	4	2		2		DOWNY WOODPECKER
5	1	8	4	1	2	4	4	2	3		HAIRY WOODPECKER
							1				BLACK-BACKED WOODPECKER
2					1		2		+		PILEATED WOODPECKER
								6	1		HORNED LARK
2			2				3				GRAY JAY
18	4	18	24	2	2	11		4	4		BLUE JAY
6	+	133	35	17	2	42	9	64	72		BLACK-BILLED MAGPIE
11	51	21	146	9		142	18		1		COMMON RAVEN
36	19	134	50	8	6	36	41	6	11		BLACK-CAPPED CHICKADEE
							4				BOREAL CHICKADEE
1		3					1		+		RED-BREASTED NUTHATCH
3	1	6	4		2	1	1				WHITE-BREASTED NUTHATCH
	+	3				+			1		AMERICAN ROBIN
	+	362	15		8	417		31	+		BOHEMIAN WAXWING
											CEDAR WAXWING
		3				2		1	2		NORTHERN SHRIKE
		19						1	4		EUROPEAN STARLING
+	+	1							2		DARK-EYED JUNCO (Slate-col.)
33		170	15	17		6		269	362		SNOW BUNTING
									1		WESTERN MEADOWLARK
									+		RUSTY BLACKBIRD
53	4	158	23	27	10	9		23	17		PINE GROSBEAK
		4					18		4		WHITE-WINGED CROSSBILL
11	+	279	2	46	8	1	7	79	36		COMMON REDPOLL
8		3							2		HOARY REDPOLL
						14					PINE SISKIN
49	22	2	88	22	20	14			+		EVENING GROSBEAK
94		177	103	10		189		217	463		HOUSE SPARROW
20	8	25	19	13	11	19	14	21	27		NO. SPECIES COUNT DAY
23	13	25	20	13	11	22	18	21	35		NO. SPECIES COUNT PERIOD
0	0	1	0	0	0	2	1	2	3		NO. SPECIES TABLE 4 & 5
0	0	2	0	0	0	1	0	2	1		NO. INDIV. TABLE 4 & 5
383	104	1707	523	177	63	1227	112	787	1345		NO. INDIVIDUALS COUNT DAY

Table 3-8. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	71. READ LAKE 19 Dec. 1991	72. REGINA 26 Dec. 1991	73. ROUND LAKE 1 Jan. 1992	74. SASKATOON 26 Dec. 1991	75. SCOTT 29 Dec. 1991	76. SIMPSON 26 Dec. 1991	77. SKULL CREEK 27 Dec. 1991	78. SOMME 16 Dec. 1991	79. SPALDING 27 Dec. 1991	80. SPINNEY HILL 28 Dec. 1991
MALLARD			96	+	6						
COMMON GOLDENEYE					70						
BALD EAGLE											
NORTHERN GOSHAWK			+		1			1	+		
GOLDEN EAGLE				+				+			
MERLIN			1		5			1			
PRAIRIE FALCON											
GRAY PARTRIDGE			93	9	75	113	27			19	
RING-NECKED PHEASANT			1					+			
RUFFED GROUSE				4	4			2	2	5	
SHARP-TAILED GROUSE			7	8	70			18	2		42
ROCK DOVE			968		2023	79		2	16	7	25
GREAT HORNED OWL			7	+	6	2	2	3	+		
SNOWY OWL			7		1	1					
NORTHERN HAWK OWL									2		
GREAT GRAY OWL											
DOWNY WOODPECKER		2	7	8	37	3	2	11	3	2	1
HAIRY WOODPECKER			4	7	36	3	2	2	1	1	3
BLACK-BACKED WOODPECKER					+				+		
PILEATED WOODPECKER									+		1
HORNED LARK								10			
GRAY JAY		4							4		
BLUE JAY			3	4	86	2	9	1	49	2	8
BLACK-BILLED MAGPIE			79	5	648	55	7	65	38	9	58
COMMON RAVEN		2		2	7				78	1	2
BLACK-CAPPED CHICKADEE			37	35	390	21	17	70	28	6	30
BOREAL CHICKADEE									8		
RED-BREASTED NUTHATCH			8		58	3					
WHITE-BREASTED NUTHATCH			3	6	10			1	1		
AMERICAN ROBIN			6		1						
BOHEMIAN WAXWING			26	60	1932	10	23	20	+		
CEDAR WAXWING			27		22						
NORTHERN SHRIKE						1		3	+		
EUROPEAN STARLING					11	13		5		5	
DARK-EYED JUNCO (Slate-col.)			7	3	7				1		
SNOW BUNTING			12		5	445	37	+	+	1	
WESTERN MEADOWLARK											
RUSTY BLACKBIRD			2		1			5			
PINE GROSBEAK				10	110	11		1	20	4	4
WHITE-WINGED CROSSBILL			67		168	45					12
COMMON REDPOLL		3	13	38	688	65	3	60	20	24	453
HOARY REDPOLL				22	1	1			4		1
PINE SISKIN					16						
EVENING GROSBEAK				20	7		7		20		6
HOUSE SPARROW			1209	50	3759	418	30	202	177	50	58
NO. SPECIES COUNT DAY		4	29	17	41	19	12	23	20	15	17
NO. SPECIES COUNT PERIOD		4	31	21	42	19	12	26	27	15	17
NO. SPECIES TABLE 4 & 5		0	9	1	10	0	0	3	1	1	2
NO. INDIV. TABLE 4 & 5		0	456	0	34	0	0	54	1	1	2
NO. INDIVIDUALS COUNT DAY		11	3146	291	10295	1291	166	537	475	136	706

Table 3-9. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

81. SPRING VALLEY 24 Dec. 1991	82. SPRUCE HOME 30 Dec. 1991	83. SQUAW RAPIDS 22 Dec. 1991	84. SWIFT CURRENT 29 Dec. 1991	85. TISDALE 25 Dec. 1991	86. TOMPKINS 2 Jan. 1992	87. VAL MARIE 15 Dec. 1991	88. VANSCOY 29 Dec. 1991	89. WARMAN 1 Jan. 1992	90. WAUCHOPE 28 Dec. 1991	LOCATION & DATE	SPECIES
		6	+			15					MALLARD
		26	+								COMMON GOLDENEYE
		3									BALD EAGLE
1		1									NORTHERN GOSHAWK
2					2	1					GOLDEN EAGLE
						1					MERLIN
1											PRAIRIE FALCON
92			20	6		+	18	69	18		GRAY PARTRIDGE
						6					RING-NECKED PHEASANT
	1	5		1							RUFFED GROUSE
26		5			5	12		11	68		SHARP-TAILED GROUSE
23			118			13	50	27	16		ROCK DOVE
3		2				10	1	1			GREAT HORNED OWL
2				1			2	1			SNOWY OWL
		3									NORTHERN HAWK OWL
		+									GREAT GRAY OWL
	2	3	1	3		2	1	2	7		DOWNY WOODPECKER
	2	8		5			1	2	4		HAIRY WOODPECKER
		2									BLACK-BACKED WOODPECKER
		1									PILEATED WOODPECKER
52						410					HORNED LARK
		11	+						+		GRAY JAY
	4	12		6							BLUE JAY
18		37	36		8	52	20	190	11		BLACK-BILLED MAGPIE
	1	97						1			COMMON RAVEN
	11	31		10		16	24	11	23		BLACK-CAPPED CHICKADEE
	1	15									BOREAL CHICKADEE
		4	8								RED-BREASTED NUTHATCH
	1	1	1						1		WHITE-BREASTED NUTHATCH
			1								AMERICAN ROBIN
		+					10	18			BOHEMIAN WAXWING
			17								CEDAR WAXWING
		1				3			1		NORTHERN SHRIKE
		11	15			6					EUROPEAN STARLING
1											DARK-EYED JUNCO (Slate-col.)
86	25	9	+			218	37	2			SNOW BUNTING
+											WESTERN MEADOWLARK
											RUSTY BLACKBIRD
	22	11	7	15				35			PINE GROSBEAK
		6	18					+			WHITE-WINGED CROSSBILL
54	13	49	33		110	600	7	61	226		COMMON REDPOLL
	2	1				2		4	2		HOARY REDPOLL
	+		+								PINE SISKIN
	12	83		10							EVENING GROSBEAK
282		25	592	20	75	280	80	401	94		HOUSE SPARROW
15	13	38	15	10	5	18	12	17	14		NO. SPECIES COUNT DAY
16	14	41	24	10	5	19	12	18	15		NO. SPECIES COUNT PERIOD
1	0	12	6	0	0	1	0	1	0		NO. SPECIES TABLE 4 & 5
1	0	60	9	0	0	1	0	1	0		NO. INDIV. TABLE 4 & 5
644	97	529	876	77	200	1648	251	837	474		NO. INDIVIDUALS COUNT DAY

Table 3-10. SPECIES RECORDED FROM MORE THAN NINE LOCALITIES (+ = a species seen during the count period but not on count day).

SPECIES	LOCATION & DATE	91. WEYBURN 21 Dec. 1991	92. WHITE BEAR 29 Dec. 1991	93. WHITE BEAR L. 19 Dec. 1991	94. WHITEBEECH 27 Dec. 1991	95. WHITEWOOD 2 Jan. 1992	96. YORKTON 29 Dec. 1991	TOTAL INDIVIDUALS	NO. OF COUNTS COUNT DAY	NO. OF COUNTS COUNT PERIOD
MALLARD							19	3010	12	14
COMMON GOLDENEYE								201	9	10
BALD EAGLE		+			+			19	12	19
NORTHERN GOSHAWK			+					22	17	26
GOLDEN EAGLE		1	3					49	21	28
MERLIN		+						9	5	10
PRAIRIE FALCON		+	+					9	9	13
GRAY PARTRIDGE		208	20	9	+	+		2019	54	60
RING-NECKED PHEASANT		9	2					136	14	15
RUFFED GROUSE								110	33	40
SHARP-TAILED GROUSE		75	37	45	+	69		1645	59	63
ROCK DOVE		113	200	13		11	8	5777	64	66
GREAT HORNED OWL		1	1			+		93	40	57
SNOWY OWL		+	3					62	25	36
NORTHERN HAWK OWL				1				32	16	18
GREAT GRAY OWL								11	7	10
DOWNY WOODPECKER		5		4	2	1	9	295	82	85
HAIRY WOODPECKER		3		15	2	3	3	271	72	73
BLACK-BACKED WOODPECKER								9	7	10
PILEATED WOODPECKER				2	+			29	15	21
HORNED LARK		41						1205	16	17
GRAY JAY								138	21	25
BLUE JAY				16	5	1	6	616	71	71
BLACK-BILLED MAGPIE		28	46	18	30	47	10	3629	93	95
COMMON RAVEN				1	30	1	11	1520	58	61
BLACK-CAPPED CHICKADEE		13	2	91	15	20	43	2510	90	91
BOREAL CHICKADEE								63	12	12
RED-BREASTED NUTHATCH		2					1	195	23	24
WHITE-BREASTED NUTHATCH		2		11		2	5	132	42	43
AMERICAN ROBIN		+		2	+	+		24	12	18
BOHEMIAN WAXWING		+		80		+	177	4886	51	57
CEDAR WAXWING						+	20	180	12	15
NORTHERN SHRIKE				2		1		41	23	31
EUROPEAN STARLING		+	+					240	25	27
DARK-EYED JUNCO (Slate-col.)		27		1	+		3	118	21	25
SNOW BUNTING		1513	240	2	130	50		12782	66	72
WESTERN MEADOWLARK		1	3					11	9	11
RUSTY BLACKBIRD			+	8			1	46	15	18
PINE GROSBEAK		+		5	+	13		1503	66	71
WHITE-WINGED CROSSBILL								426	15	17
COMMON REDPOLL		93	50	54	10	57	31	6534	88	90
HOARY REDPOLL		2				6		210	34	35
PINE SISKIN		1						107	7	10
EVENING GROSBEAK		+		13	75			2084	37	43
HOUSE SPARROW		773	200	52	10	160	250	18957	88	88
NO. SPECIES COUNT DAY		27	13	24	10	15	17			
NO. SPECIES COUNT PERIOD		38	17	24	18	20	17			
NO. SPECIES TABLE 4 & 5		9	0	2	1	0	1			
NO. INDIV. TABLE 4 & 5		465	0	11	0	0	1			
NO. INDIVIDUALS COUNT DAY		3376	807	456	309	442	598			

Table 4. SPECIES SEEN ON NINE OR FEWER COUNTS

SPECIES	LOCATION AND NUMBER
COMMON LOON	Squaw Rapids, 1
YELLOW-BILLED LOON	Gardiner Dam, 1
AMERICAN WHITE PELICAN	Love-Torch River, 2
TRUMPETER SWAN	Fort Qu'appelle, +
CANADA GOOSE	Endeavour, 1; Fort Qu'appelle, 1; Regina, 427; Squaw Rapids, 1
AM. GREEN-WINGED TEAL	Fort Walsh, 1
LESSER SCAUP	Fort Qu'appelle, 4; Gardiner Dam, 1
HARLEQUIN DUCK	Fort Qu'appelle, +
BUFFLEHEAD	Fort Qu'appelle, +; Humboldt, +; Squaw Rapids, 1
COMMON MERGANSER	Gardiner Dam, 257; Indian Head, 2; Squaw Rapids, 5
TURKEY VULTURE	Grayson, 2
COOPER'S HAWK	Indian Head, 1
RED-TAILED HAWK	Regina, +
ROUGH-LEGGED HAWK	Glentworth, 2; Govenlock, 2; Grasslands Nat. Park, +; Qu'appelle V. Dam, 1
PEREGRINE FALCON	Crooked River, 1
GYRFALCON	Duval, +; Gardiner Dam, 1; Hudson Bay, +; Luseland, 1; Prince Albert(B), 1; Qu'appelle Valley Dam, 1; Weyburn, +
SPRUCE GROUSE	Armit, 6; Big River, +; Meadow L., 6; Prince Albert National Park, +; Squaw Rapids, 4; Turtle Lake, 2
SAGE GROUSE	Ft. Walsh, +; Glentworth, 17; Govenlock, 14; Grasslands Nat. Park, +
WILD TURKEY	Fort Qu'appelle, 4; Fort Walsh, 6; Skull Creek, 1
MOURNING DOVE	Edam, +; Glentworth, 1; Whitebeech, +
BARRED OWL	Squaw Rapids, +
LONG-EARED OWL	Fort Walsh, 1
SHORT-EARED OWL	Glentworth, 2; Grasslands National Park, 1; Last Mountain Lake, 1; Moose Jaw, +; Raymore, +; Spring Valley, 1; Val Marie, 1
BOREAL OWL	Choiceland-Gronlid, 1
NORTHERN SAW-WHET OWL	Kamsack, +
RED-HEADED WOODPECKER	White Bear Lake, 1
THREE-TOED WOODPECKER	Armit, 3; Candle Lake, 1; Choiceland-Gronlid, 1; Fort Walsh, +; Hudson Bay, 1; Somme, 1; Squaw Rapids, 2
NORTHERN FLICKER	Ft. Qu'appelle, 4; Moose Jaw, 3; Pike L., 2; Prince Albert(B), +; Regina, 10; Saskatoon, 12; Spinney Hill, 1; Swift Current, +; Weyburn, +
AMERICAN CROW	Fort Walsh, 1; Grenfell, 1; Moose Jaw, 1; Regina, 3; Saskatoon, 1
BROWN CREEPER	Crooked Lake(B), 2; Fort Walsh, 1; Saskatoon, 2; Squaw Rapids, 1
GOLDEN-CROWNED KINGLET	Ft. Walsh, 16; Raymore, +; Saskatoon, 1; Squaw Rapids, 3; Swift Current, +
TOWNSEND'S SOLITAIRE	Fort Walsh, 1
VARIED THRUSH	Gardiner Dam, 1; Yorkton, 1
BLACK-HEADED GROSBEAK	Moose Jaw, 1
AMERICAN TREE SPARROW	Big Muddy Lake, 8; Fort Walsh, 4; Glentworth, 3; Grasslands National Park, 1; Raymore, 1; Saskatoon, 1; Skull Creek, 15; Weyburn, 1
SAVANNAH SPARROW	Saskatoon, 1
FOX SPARROW	Saskatoon, 1
SONG SPARROW	Fort Walsh, 2
WHITE-THROATED SPARROW	Saskatoon, 3; Spalding, 1; Spinney Hill, 1; Weyburn, 1
WHITE-CROWNED SPARROW	Weyburn, 1
HARRIS' SPARROW	Indian Head, 1; Weyburn, 1
DARK-EYED JUNCO (Oregon)	Indian Head, +; Regina, 1
DARK-EYED JUNCO (Pink-sided)	Regina, 1
LAPLAND LONGSPUR	Big Muddy L., 26; Bromhead, 33; Glentworth, 365; Govenlock, 465; Grasslands National Park, 42; Weyburn, 458
CHESTNUT-COL. LONGSPUR	Govenlock, 1
RED-WINGED BLACKBIRD	Biggar, 1; Big Muddy Lake, 1; Fort Walsh, 5; Glentworth, 3; Grasslands National Park, 37; Last Mountain Lake W.M.U., 1
BREWER'S BLACKBIRD	Biggar, 1; Grasslands National Park, 2; Hepburn, 1; Last Mountain L. W.M.U., 1; Love-Torch River, 2; Regina, 1; Swift Current, 6; Warman, 1
COMMON GRACKLE	Grasslands National Park, 1; Kamsack, 1; Regina, 11; Weyburn, 1
BROWN-HEADED COWBIRD	Glentworth, 1; Grasslands National Park, 2
ROSY FINCH	Glentworth, 7; Meadow Lake, 2; Skull Creek, 38
PURPLE FINCH	Kamsack, 18; MacDowall, +; Round L., +; Swift Current, 3; Weyburn, 2; White Bear L., 10
RED CROSSBILL	Ft. Walsh, 67; Livelong, +; Saskatoon, 5; Squaw Rapids, 3; Swift Current, +

Table 5. BIRDS NOT IDENTIFIED TO SPECIES

SPECIES	LOCATION AND NUMBER
EAGLE species	Swift Current, +
WOODPECKER species	Armit, 3; Clark's Crossing, 1; Squaw Rapids, 1
REDPOLL species	Biggar, 15; Craven, 8; Fort Walsh, 24; Govenlock, 2; Regina, 2; Squaw Rapids, 38
CROSSBILL species	Fort Walsh, 20; Saskatoon, 7

Table 6. SUMMARY OF NEW OR TYING HIGH COUNTS ESTABLISHED DURING THE 1991 COUNTS (tying counts regular type; boldface indicates a new record).

LOCATION	1991 COUNT	SPECIES	PREVIOUS HIGH	LOCATION AND YEAR
Squaw Rapids	1	Common Loon	1	Gardiner Dam (82-84); Grand Centre -Pierceland (87); Squaw Rapids (89)
<b>Gardiner Dam</b>	<b>1</b>	<b>Yellow-billed Loon</b>		<b>NEW</b>
Love-Torch River	2	Am. White Pelican	2	Regina (59)
Fort Qu'Appelle	1	Hariequin Duck	1	Gardiner Dam (90)
<b>Grayson</b>	<b>2</b>	<b>Turkey Vulture</b>	<b>1</b>	<b>Fort Walsh (84); Edam (90)</b>
Indian Head	1	Cooper's Hawk	1	8 counts north to N. Battleford
Crooked River	1	Peregrine Falcon	1	17 counts N to Squaw Rapids - Carrot R.
<b>Armit; Crooked R.</b>	<b>4</b>	<b>Northern Hawk Owl</b>	<b>2</b>	<b>Masefield (66); Battleford-N. Battleford (77); Squaw Rapids-Sipanok (79)</b>
Choiceland-Gronlid	1	Boreal Owl	1	18 counts s. to Indian Head
Kamsack	1	Northern Saw-whet Owl	1	33 counts n. to Maidstone Bridge
<b>White Bear Lake</b>	<b>1</b>	<b>Red-headed Woodpecker</b>		<b>NEW</b>
<b>Saskatoon</b>	<b>37</b>	<b>Downy Woodpecker</b>	<b>32</b>	<b>Saskatoon (90)</b>
<b>Saskatoon</b>	<b>36</b>	<b>Hairy Woodpecker</b>	<b>28</b>	<b>Saskatoon (90)</b>
<b>Saskatoon</b>	<b>86</b>	<b>Blue Jay</b>	<b>66</b>	<b>Togo (77)</b>
<b>Hudson Bay</b>	<b>261</b>	<b>Common Raven</b>	<b>205</b>	<b>Prince Albert (89)</b>
<b>Saskatoon</b>	<b>390</b>	<b>Black-capped Chickadee</b>	<b>285</b>	<b>Saskatoon (90)</b>
Gardiner Dam	1	Varied Thrush	1	5 counts n. to Pierce Lake
Fort Walsh	6	Northern Shrike	6	Saskatoon (63); Pike Lake (69); Ft. Walsh (89, 90)
<b>Moose Jaw</b>	<b>1</b>	<b>Black-headed Grosbeak</b>		<b>NEW</b>
Saskatoon	1	Fox Sparrow	1	Moose Jaw (85); Biggar (87)
<b>Saskatoon</b>	<b>1</b>	<b>Savannah Sparrow</b>		<b>NEW</b>
Fort Walsh	2	Song Sparrow	2	Ft. Qu'Appelle (88); Ft. Walsh (90)
Weyburn	1	White-crowned Sparrow	1	Saskatoon (74); Fort Walsh (80); Broadview (86)
<b>Govenlock</b>	<b>1</b>	<b>Chestnut-collared Longspur</b>		<b>NEW</b>
<b>Grasslands N.P.</b>	<b>37</b>	<b>Red-winged Blackbird</b>	<b>30</b>	<b>Estevan (62)</b>
White Bear	3	Western Meadowlark	3	Skull Creek (71)
<b>Regina</b>	<b>11</b>	<b>Common Grackle</b>	<b>3</b>	<b>Regina (67); Weyburn (87)</b>
<b>Kamsack</b>	<b>18</b>	<b>Purple Finch</b>	<b>14</b>	<b>Saskatoon (69)</b>