

Thirty-four participants contended with rain showers and wind for part of the day, but still managed a total species count (149) that was four higher than the long-term average (LTA). Single individuals of three seldom-seen species were observed: Blackburnian Warbler, Prairie Falcon and Whooping Crane. For each species it was only the third sighting on the Fall Count since 1995.

All-time (since 1995) high counts were recorded for Ring-necked Duck (253), Lesser Scaup (609), Common Nighthawk (3), Forster's Tern (10), Common Grackle (623), Bay-breasted Warbler (6) and Yellow Warbler (48). Mountain Bluebirds were at an 8-year high (84), but still only 74% of their LTA.

Some long-term trends are noticeable when 5-year average counts since 1995 are compared.

The most general decline is among sparrows where all

but Vesper and Lincoln's Sparrow have declined at least 50 %. The most significant declines (1995-99 average, 2014-18 average) are American Tree Sparrow (14, 1), Dark-eyed Junco (266, 11), Harris's Sparrow (18, 1), Song Sparrow (26, 8) and Swamp Sparrow (9, 1). Other declining species include Greater White-fronted Goose (1895, 292), Western Grebe (60, 8), Black-bellied Plover (12, 1), Pectoral Sandpiper (22, 2), Bonaparte's Gull (33, 5), American Crow (3059, 919), Mountain Bluebird (239, 46) and Rusty Blackbird (11, 0).

Among notable long-term upward trends (1995-99 average, 2014-18 average) are Hooded Merganser (4, 20), Gray Partridge (7, 34), Mourning Dove (35, 273), Killdeer (39, 136), Semipalmated Sandpiper (2, 19), Franklin's Gull (488, 1496), Downy Woodpecker (4, 15), Vireos (3, 16), Common Raven (11, 68), Gray Catbird (5, 36) and House Finch (8,76).

John Patterson

Grswd	Chviot	River	DMC	Brdwl	Blkstp	Indi	City	Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6
86	61	58		78	103	61	105	Total Species	149	141	148	142	153	158	149	147	167	130	162
12.8	7.5	11.5		12.7	14.0	12.0	53.1	Total Party Hours	124	140	149	143	126	152	138	137	166	137	149
3	1	2		2	4	3	25	Participants	34	33	44	40	34	45	42	39	35	35	48
								• Goose sp. •					275		40		3		
710	1200			375	280	1000		Snow Goose	3565	26087	713	4823	3636	12536	716	5903	1078	4963	2992
				1	50			Ross's Goose	51	473	20	150	30	684		80		1674	30
4	75			3	3		51	Greater White-fronted Goose	136	599	22	263	441	319	204	199	195	479	876
30					15		5	Cackling Goose	50	412	102	22	96	210	25		58	24	60
345	185	112		255	118	390	484	Canada Goose	1889	3170	2737	3844	2239	5967	3285	3178	1825	3669	4208
	3			1				Tundra Swan	4	1	1		2			2	1	3	7
500						420	62	• Duck sp. •	982	5040	835	1510	1931	2230	2190	4795	3727	2745	2
								Wood Duck					4		7				3
30	485	8		140	47	50	62	Blue-winged Teal	822	683	559	297	345	496	591	465	719	731	1320
								Cinnamon Teal											
10	185			31	49	98	3	Northern Shoveler	376	575	209	300	417	197	416	403	1242	1978	599
7	53			39	5	40	26	Gadwall	170	184	265	216	144	240	186	202	667	560	513
1	14	3		37	9		21	American Wigeon	85	65	219	174	121	139	198	149	1115	123	189
61	1625	3		186	152	15	109	Mallard	2151	1572	1323	469	709	589	1887	1059	951	3608	1814
								American Black Duck											
15	32			21	31			Northern Pintail	99	100	187	55	18	76	430	50	74	237	89
9	3				39		6	Green-winged Teal	57	46	174	94	23	62	58	30	29	93	63
2	12			122	17	20		Canvasback	173	398	2093	407	204	75	72	61	66	6	26
	105	2		41		14		Redhead	162	99	726	262	28	25	56	70	268	8	44
	145			107	1			Ring-necked Duck	253	12	3	11	9	25	104	55	207	35	3
61	97			16	400	7	28	Lesser Scaup	609	204	502	167	107	109	313	225	137	50	224
								White-winged Scoter											
5				43				Bufflehead	48	81	329	102	28	35	89	57	74	134	84
	65							Common Goldeneye	65	1	2	1		69	3	12	19	18	3
		14			13		2	Hooded Merganser	29	26	14	31	1	16	21	31	19	4	13
								Common Merganser			2	13	4	11	3		4	51	4
								Red-breasted Merganser											
	325				100	11		Ruddy Duck	436	192	780	302	248	652	375	416	460	308	2755
	13				18		6	Gray Partridge	37	42	75		14		13	6	14		
								Ruffed Grouse		1	1		2	3			1	3	
								Sharp-tailed Grouse		9			3	4			1	4	
								• Grebe sp. •				4				6			
4	1	3		27	8		9	Pied-billed Grebe	52	33	108	69	86	99	105	85	125	46	129
2	3			4	1	6		Horned Grebe	16	14	41	57	62	183	91	64	54	18	11
1				2	3	6	3	Red-necked Grebe	15	13	11	20	21	12	4	16	3	15	9
	10					2	2	Eared Grebe	14	39	102	79	98	166	43	42	140	69	123
				2	9			Western Grebe	11	4	4	9	11	1	2		8	16	19
								Clark's Grebe											
49	64	18		27	46	8	659	Rock Pigeon	871	406	945	890	543	658	509	547	1111	1253	1434

Grswd	Chvnot	River	DMC	Brdwl	Blkstp	Indi	City	Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6
				1	2	3		Eurasian Collared-Dove	6	11	8		6	5		1	5		
50	55	96		53	66	46	9	Mourning Dove	375	249	172	263	308	292	145	184	200	97	528
				1			2	Common Nighthawk	3	1						2	1		1
								• <i>Hummingbird sp.</i> •						1					
								Ruby-throated Hummingbird				1			1		1		1
							1	Sora	1			1	8	11	13	5	1	1	9
8	1275	1		598	121	5	40	American Coot	2048	1026	4212	3242	1512	3709	3580	4466	4625	1594	12914
615	1120	2322		888	1168	618	56	Sandhill Crane	6787	1375	2241	2957	1203	3091	935	258	688	1474	1454
1								Whooping Crane	1										1
								• <i>Large Shorebird sp.</i> •											
10	37			1	7	10		American Avocet	65	36	11	32	10	60	8	22	20	3	69
								Black-bellied Plover		5		2		3	4		2	3	1
					4			American Golden Plover	4		0			3	1				
								Semipalmated Plover			2		17		1		25	12	2
								Piping Plover			0								
25	2	14		74	25	7	13	Killdeer	160	133	113	130	142	197	80	89	68	164	160
								Upland Sandpiper					1						
								Hudsonian Godwit						1		1	6		1
								Marbled Godwit				2		4		16			2
								Ruddy Turnstone											
								Red Knot											
								Stilt Sandpiper				10		118		11	8		2
								Sanderling			1	75	7	1			10		2
								Dunlin											
						60		• <i>Peep sp.</i> •	60			2	75	3	68	6	43	100	5
				8				Baird's Sandpiper	8		6			5			6	7	11
				7				Least Sandpiper	7	24	10			4	6		2	25	1
								White-rumped Sandpiper											
								Pectoral Sandpiper	0	7	3		2	10	8	8	11	2	36
								Sharp-tailed Sandpiper											
	17			4				Semipalmated Sandpiper	21	60		10	5	40		17	28		52
				1		4		• <i>Dowitcher sp.</i> •	5	236				102		7	13		51
								Short-billed Dowitcher							50				50
	55			28				Long-billed Dowitcher	83	17	41	2			51		140	108	226
1				6	1		5	Wilson's Snipe	13	41	15	12	7	28	5	3	4	5	22
				1				Wilson's Phalarope	1			14	8	23		70	4		150
								Red-necked Phalarope		50	100	500		100		91	1	16	19
	1							Spotted Sandpiper	1	18		1	3	19	10	8	7		20
1								Solitary Sandpiper	1		1	3	5	5	4	3	1	4	6
5	14	2		17	8	1	21	Greater Yellowlegs	68	60	91	48	59	113	96	79	75	90	153
								Willet			1			1	3	2	2	1	7
5	11			6	1	9	18	Lesser Yellowlegs	50	35	44	56	17	60	100	122	80	77	148
								Sabine's Gull							1				

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SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6
				8			5	Bonaparte's Gull	13	3	5		3	5	1	2	17	6	411
								Little Gull											
237	160	2		1014	1415	126	545	Franklin's Gull	3499	1712	259	1617	391	1780	3253	677	614	1276	1465
		4				160	4398	• White-headed Gull sp. •	4562	683	998	2113	2270	436	1604	5470	5201	224	316
346	2			137	245	3	482	Ring-billed Gull	1215	2354	1205	1476	1887	2755	1403	764	3830	1963	2018
1					2	6	13	California Gull	22	15	7	27	38	77	20	146	281	26	23
1					1		3	Herring Gull	5	3	20	63	16	5		5	17	4	6
					3			Black Tern	3			25	2	4	1	75	33		93
						3		Common Tern	3				2		7		1	56	6
					10			Forster's Tern	10			1		5	1		6		
								Common Loon		1				2					1
								Yellow-billed Loon											
11		4		2	64	30	133	Double-crested Cormorant	244	828	352	303	69	189	91	155	439	330	189
10		8			112	14	26	American White Pelican	170	89	35	158	59	145	80	96	102	59	55
								American Bittern							5				
3	1	3		3	4	5	5	Great Blue Heron	24	4	30	10	7	15	14	5	11	5	15
				5	1		1	Black-crowned Night-Heron	7	6	3	1		7	1	2	3	1	
1		2						Turkey Vulture	3	11	6	5	7	12	3		5	4	5
1		1					2	Osprey	4	3	7	7	1	6	1	2			2
								Golden Eagle											1
	1	1		1	8	7	2	Northern Harrier	20	28	29	25	27	24	23	39	41	26	51
								• Hawk sp. •			2	8							
								• Accipiter sp. •							1		2		1
		1			2		1	Sharp-shinned Hawk	4	6	12	15	9	9	5	6	16	2	17
		1			1		1	Cooper's Hawk	3	3	8	4	5	9	8	3	7	7	13
								Northern Goshawk				1	2						
	2	2		1	1			Bald Eagle	6		2	7	1	5	2	1	13	4	4
				2		2		• Buteo sp. •	4		11		7	4		4	1	7	3
								Broad-winged Hawk			2	3	2		2	2	212	3	
32	4	12		20	16	9	8	Swainson's Hawk	101	73	65	36	71	134	85	75	81	79	93
10	4	14		10	18	11		Red-tailed Hawk	67	74	140	71	85	70	66	89	130	76	120
								Rough-legged Hawk			1				1			1	1
		1						Ferruginous Hawk	1								1		1
					2		1	Great Horned Owl	3	1	2	5	1	3	2	3	6	3	5
								Short-eared Owl											
		1		1	5		8	Belted Kingfisher	15	8	16	15	7	16	9	7	15	10	12
								• Picoides sp. •					1						
								Yellow-bellied Sapsucker		2	7	4	3	4	4	6	20	2	6
								American Three-toed Woodpecker						1					
7		1		1	3		7	Downy Woodpecker	19	16	19	12	10	24	14	8	18	15	13
2		3			2		2	Hairy Woodpecker	9	3	10	15	7	12	13	12	7	11	13
								Pileated Woodpecker			2	8					4	1	
15	6	1		4	14		31	Northern Flicker	71	107	142	135	137	279	240	202	298	127	295

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								• <i>Small Falcon sp.</i> •				2							
7	1	5		6	18	7	2	American Kestrel	46	14	43	42	25	33	65	14	29	14	51
1		6		3	5	2	9	Merlin	26	15	28	27	14	22	21	11	32	4	34
								• <i>Large Falcon sp.</i> •						2					
	1						3	Peregrine Falcon	4	2	3	2	5	2	6	1	4	4	1
		1						Prairie Falcon	1									1	2
							2	Olive-sided Flycatcher	2								1		3
								Western Wood-Pewee		1									2
2				1	3		6	• <i>Empidonax sp.</i> •	12	5	1	2	16	6	3	6	22	2	9
								Yellow-bellied Flycatcher											1
								Alder Flycatcher					2	1			2		
					2		7	Least Flycatcher	9	3	3	2	14	12	8	6	35	4	26
1					1		1	Eastern Phoebe	3	1	1	1	8	1	1	1	8	5	7
								Say's Phoebe						1			1		2
								Great Crested Flycatcher											1
					1			Western Kingbird	1			1	6	1	2				5
		1			2	2	4	Eastern Kingbird	9	3	7	2	21	10	10	2	3	1	9
								• <i>Shrike sp.</i> •											
								Loggerhead Shrike			1			3			1		
								Northern Shrike									2		
								Yellow-throated Vireo					1						
								Blue-headed Vireo			1	1	4	3			7		1
							1	Philadelphia Vireo	1	2	2	1	3	1		2	2		1
1					2		1	Warbling Vireo	4	4	6	2	7	4	5	4	5		5
1					2		7	Red-eyed Vireo	10	6	3	3	17	17	4	5	10	1	5
11	1				11	1	62	Blue Jay	86	51	100	60	90	62	49	45	68	30	96
50	67	64		45	19	17	112	Black-billed Magpie	374	314	396	329	444	333	430	195	194	227	343
151	17	203		10	31	16	204	American Crow	632	695	1021	1655	592	527	771	679	448	613	1102
12	3	15		5	9	5	7	Common Raven	56	64	67	77	78	71	43	62	88	49	59
	3				54			Horned Lark	57	106		4	3	4	31	52	10	65	9
								• <i>Swallow sp.</i> •											
								Purple Martin						1	1				
				3				Tree Swallow	3	30		1							7
					1			Bank Swallow	1	62			155	1					8
38	17	30		168	70	22	41	Barn Swallow	386	163	146	78	377	569	341	416	382	701	621
								Cliff Swallow								2	1		
50	19	4		5	100	6	231	Black-capped Chickadee	415	387	569	352	305	305	434	334	345	337	347
6					1	2	42	Red-breasted Nuthatch	51	54	192	94	52	46	241	63	71	110	54
5							3	White-breasted Nuthatch	8	6	13	6	2			5	1	1	3
								Brown Creeper			1				1				
1		2		1	6		12	House Wren	22	16	13	15	45	36	24	26	33	12	33
								Sedge Wren								1			
							2	Marsh Wren	2	4	2	6	1	2		6	1		5

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								Golden-crowned Kinglet			1								
							5	Ruby-crowned Kinglet	5	7	3	6	1	7	1	1	21	4	1
								Eastern Bluebird											
19		35				31		Mountain Bluebird	85	27	29	64	26	18	63	31	88	41	97
								Townsend's Solitaire								1			
							1	• <i>Thrush sp.</i> •	1										
								Varied Thrush											
								Veery									2		
								Gray-cheeked Thrush			1		1	1	1				1
							2	Swainson's Thrush	2	3	11	5	4	10	14	2	172		11
								Hermit Thrush					2				2		
24	2	15		39	74	11	206	American Robin	371	383	498	500	348	635	396	449	548	548	556
6		1			15	3	18	Gray Catbird	43	21	20	24	71	85	54	47	18	17	41
1							9	Brown Thrasher	10	6	8	4	12	22	17	21	16	4	18
1	29	20		186	50	3		European Starling	289	176	373	106	1389	722	144	93	1116	221	213
	40			6		6		American Pipit	52	27	97	27	15	52	126	58	1	44	15
								Sprague's Pipit			1				3	1			
26		40		42	90	15	331	Cedar Waxwing	544	286	384	291	543	1064	449	380	401	344	473
								Evening Grosbeak											
2					2		46	House Finch	50	51	53	138	88	100	154	160	120	93	249
3							3	Purple Finch	6	3	20	7	15	16	8	5	11		4
								Common Redpoll											2
								Red Crossbill											
								White-winged Crossbill									25		2
1							17	Pine Siskin	18	36		31	109	5	67	16	107	18	711
46		3		15	13	3	44	American Goldfinch	124	128	194	132	295	393	324	231	241	234	248
	27			400	150	50		Lapland Longspur	627	380	585	44	41	318	51	23		19	1
								Snow Bunting											
	39					40	5	• <i>Sparrow sp.</i> •	84	200		69	255	163	375	386	202	204	138
4						2	8	Chipping Sparrow	14	22	28	34	33	76	34	67	101	28	23
2		8		19	11		10	Clay-colored Sparrow	50	26	27	42	55	82	27	39	139	25	209
								Lark Sparrow									1		
								Lark Bunting											
				1				American Tree Sparrow	1	3					15		3		
								Fox Sparrow				1			2		26		
	3	1				4	3	Dark-eyed Junco	11	12	4	18	11	2	14	1	84	10	4
2				1	2		62	White-crowned Sparrow	67	38	63	30	12	92	17	24	38	10	23
								Harris's Sparrow			1	1	1		1	1			
5		2			25		113	White-throated Sparrow	145	78	104	223	107	143	95	73	219	25	60
7	21	24		55	124	18	2	Vesper Sparrow	251	53	76	94	90	153	92	53	103	123	169
								Le Conte's Sparrow							1				1
								Nelson's Sparrow											
				10	2	1		Savannah Sparrow	13	116	12	30	35	76	25	35	13	19	52

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								Baird's Sparrow												
					1	1	4	Song Sparrow	6	7	16	3	6	13	20	9	20	10	28	
				1			2	Lincoln's Sparrow	3	7	8	11	62	24	14	12	39	7	40	
								Swamp Sparrow		1	2	2			5	1	3	1		
2					1		2	Spotted Towhee	5	1	7	12	3	7	10	10	11	8	11	
		30		1500				• Blackbird sp. •	1530		131	625	80	400				166	130	
	9			3				Yellow-headed Blackbird	12	169	94	620	220	417	17	12	405	0	620	
2	7	8		16	11	4		Western Meadowlark	48	76	54	30	36	40	24	39	60	65	27	
	27	1		400	20	120	200	Red-winged Blackbird	768	1356	368	627	219	57	21	163	8	2	167	
	7							Brown-headed Cowbird	7		4	2			3		1			
								Rusty Blackbird											27	
9	412			620	6	324	15	Brewer's Blackbird	1386	2243	3832	478	1994	4101	565	535	1372	687	733	
		39			500		84	Common Grackle	623	320	35	185	108	275	94	297	566	7	125	
	7						4	• Warbler sp. •	11	4		31	30	47	125	37	246	37	137	
							3	Ovenbird	3	2	2	1	6	5	1	1	10	1	4	
							2	Northern Waterthrush	2		3	1	4	3	2	3	4	7	9	
2							2	Black-and-white Warbler	4	7	1		3	6	2	3	15		4	
1					6		19	Tennessee Warbler	26	15	29	9	30	76	33	10	50	4	38	
13		1			14		32	Orange-crowned Warbler	60	53	32	45	26	90	23	33	184	44	27	
								• Nashville-like Warbler sp. •												
1							5	Nashville Warbler	6	1			2	2					1	
								Connecticut Warbler			2			1		2	1			
								Mourning Warbler			1		2	2		1	4		1	
					8		2	Common Yellowthroat	10		9	3	11	12	13	20	27	4	29	
4		1			3		12	American Redstart	20	20	1	2	22	37	6	6	184	4	26	
							2	Cape May Warbler	2	1			2		3	1	1		3	
4					1		4	Magnolia Warbler	9	6	4		4	4		4	45		4	
					2		4	Bay-breasted Warbler	6	3	1		1		1		1		3	
							1	Blackburnian Warbler	1				2							
4				3	25	1	15	Yellow Warbler	48	31	22	8	28	42	14	10	25	6	23	
								Chestnut-sided Warbler									3			
3					5		12	Blackpoll Warbler	20	10	41	2	9	34	13	4	48	2	37	
7		6		2	6		24	Palm Warbler	45	48	55	17	35	100	83	7	68	1	19	
								Pine Warbler												
63	12	13		8	81	12	135	Yellow-rumped Warbler	324	297	1066	458	99	308	335	208	947	243	347	
								Black-throated Green Warbler		1							1		2	
								Canada Warbler					1						2	
							3	Wilson's Warbler	3	2	2	1	2	12	2	1	5	3	8	
1							3	Rose-breasted Grosbeak	4	1	2		6	15	3	1	1		3	
				41	32		387	House Sparrow	460	402	516	427	652	790	526	888	905	1548	1202	
3846	8238	3239		7997	6396	3924	9999	TOTAL BIRDS	43639	59172	35125	36460	29973	53166	31184	37992	42785	38105	49015	

Grswd	Chviot	River	DMC	Brdwl	Blkstp	Indi	City	Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6
6:59	7:10	9:45		6:55	7:25	6:44	7:20	Start	6:44	06:20	06:30	06:00							
19:54	14:40	19:40		19:35	20:50	19:30	21:30	End	21:30	20:30	20:20	22:30							
4.3	7.5	6.0		11.2	12.0	5.5	12.1	Car Party Hours	59	63	66	64	63	64	66	44	77	57	54
8.5		5.5		1.5	2.0	6.5	37.0	Foot Party Hours	61	77	83	79	63	88	73	93	89	80	95
							4.0	Bicycle Party Hours	4										
							0.0	Train Party Hours											
12.8	7.5	11.5		12.7	14.0	12.0	53.1	TOTAL Party Hours	124	140	149	143	126	152	138	137	166	137	149
168.0	183.0	139.0		141.0	190.0	184.0	138.4	Car Party km	1143	1351	1118	1298	1296	1196	1197	1025	1385	1261	1311
4.0		3.9		1.0	2.0	1.3	53.8	Foot Party km	66	109	102	95	71	81	82	144	173	90	129
							10.0	Bicycle Party km	10										2
							0.0	Train Party km											
172.0	183.0	142.9		142.0	192.0	185.3	202.2	TOTAL km	1219	1459	1220	1393	1367	1277	1279	1169	1558	1352	1442

Teams (Leaders)

SE sectors

SE/A	<u>Robert Johanson</u> , Janine McManus, Laura Stewart
SE/B	<u>Marten Stoffel</u>
SE/C	<u>Kathy Meeres</u> , Bob Godwin
SE/D	
SE/E	<u>John Patterson</u> , Marc Sabourin
SE/F	<u>Stan Shadick</u> , Jan Shadick, Nick Belliveau, Andrew Elgin
SE/G	<u>Michael Williams</u> , Diane Cross, Diane Wells

City Sectors

U	<u>Donna Bruce</u> , Melanie Fetterly
C	<u>Lorne Duczek</u> , Alice Gibson, Monica Salles
N	<u>Andrew Elgin</u>
NE	<u>Kyron Giroux</u> , Scott Mitchell, Jade Allard, Joanne Adams (FW)
E	<u>Kyron Giroux</u> , Scott Mitchell, Jade Allard
SE1	<u>Hilda Noton</u> , Jacque Christenson, Louise Cook (FW)
SE2	<u>Lorne Duczek</u> , Alice Gibson, Alice Hiller, Codi Hiller
S-C	<u>Craig, Salisbury</u> , Lorriene Salisbury
S	<u>Nick Saunders</u>
SW	<u>Maureen Duwors</u> , Marlene Mahoney
NW	

Weather

Temperature Range:	13-20°C
Sky:	Cloudy in the morning, clearing by afternoon
Rain:	Early morning showers, scattered showers thereafter, 3.5 mm
Wind:	7-34, gusting to 53 km/hr

Unique Species

Whooping Crane, Solitary Sandpiper
Common Goldeneye, Spotted Sandpiper, Brown-headed Cowbird
Ferruginous Hawk, Prairie Falcon
Tree Swallow, American Tree Sparrow, Least Sandpiper, Baird's Sandpiper, Wilson's Phalarope
American Golden Plover, Black Tern, Forster's Tern, Western Kingbird, Bank Swallow
Common Tern

Sora, Philadelphia Vireo
Cape May Warbler, Blackburnian Warbler
Marsh Wren

Grswd	Chviot	River	DMC	Brdwl	Blkstp	Indi	City	Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6	
								• <i>Shrew spp.</i> •												
								• <i>Bat spp.</i> •							1					
								Raccoon					1							
								• <i>Weasel spp.</i> •												
								Long-tailed Weasel												
								Short-tailed Weasel									1			
						2		Mink	2											1
								Badger												
								Skunk												
	1				1	1		Coyote	3		3		9	4		2	17	8		12
								Red Fox							1	3				1
							5	Richardson's Ground Squirrel	5		3	3	2	12	11	5	114	291		62
1								13-lined Ground Squirrel	1		2				1	3	2	2	2	
								Franklin's Ground Squirrel				1			1					1
3			x				5	Least Chipmunk	8	4	29	8	27	21	22	13	16	41		30
								Eastern Fox Squirrel												
							4	Red Squirrel	4	3	3	4	2	8	5	6			4	1
			x					Beaver					1	2	3		2	2		1
								Deer Mouse					1				1			
								Vole							1					
						1	1	Muskrat	2		11	5	12	22	7	13	1	4		25
								Porcupine												
							7	White-tailed Jack Rabbit	7	2	9	5	5	1	4	2	2			4
						3		Snowshoe Hare	4	1	3					1				1
			x		6	11	2	Mule Deer	19		5	6	7	1	8	1	9	1		24
4	3		x		3	6	2	White-tailed Deer	20	2	3	13	7	6	10	6	21	13		17
								Moose				2					1			
								Pronghorn												
								Tiger Salamander								1				
								Leopard Frog			1		3		12		1	5		7
								Wood Frog				2	1		1		3			3
								Canadian Toad								1	1			2
								Boreal Chorus Frog										2		
								• <i>Garter Snake spp.</i> •					1		1		1			
1								Western Plains Garter Snake	1				1				2	1		
								Common Checkered Skipper												
								Plains Skipper					1			1				
								• <i>White spp.</i> •			20	212			1	2		1		4
								Checkered White												
								Western White							5		1			3
					3	20		Cabbage White	23		171	1163	122	68	12	1599	139	231		8
								• <i>Sulphur spp.</i> •			15	231	3	1	4	17	5			
						2		Clouded Sulphur	2		67	924	48	154	83	364	142	257		14

Grswd	Chviot	River	DMC	Brdwl	Blkstp	Indi	City	Species	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	Total		9/8	9/9	9/10	9/12	9/06	9/07	9/08	9/10	9/11	9/12	9/6	
								Orange Sulphur					1		53					
								Purplish Copper				1	1		1					
								• <i>Blue spp.</i> •			1								1	
								Melissa Blue								2				
								• <i>Large Fritillary spp.</i> •					3		1	1			1	
								Variegated Fritillary							2		1		3	
								Great Spangled Fritillary					1						3	
								Aphrodite Fritillary												1
								• <i>Small Fritillary spp.</i> •			1									
								Meadow Fritillary							1	1				
								• <i>Comma spp.</i> •			1					1				1
								Eastern Comma							1					
								Satyr Comma			1	1			2	1	1			1
								Green Comma									1			
								Gray Comma			2	1			1					
								Compton Tortoiseshell					3		1					
								Mourning Cloak			1	1	1	4	237	4	1		3	
							1	Milbert's Tortoiseshell	1	1	2	1			1	6	5	9	5	
								Painted Lady												
								Red Admiral			1	1			1	16		2	1	
								White Admiral				2								
								Viceroy							1					
								Monarch							11					
								Woolly Bear Caterpillar					1				1			6
								Cricket												5
								• <i>Dragonfly spp.</i> •							48					
								Variable Damer			1	2	3	2	4	2				
								Lance-tipped Damer					1							
								Common Green Damer							1					
								Variegated Meadowhawk							1					
								Cherry-faced Meadowhawk			1				2					
								Saffron-winged Meadowhawk			0	3	2	3	6					
								Black Meadowhawk			3		2	4	2					
								• <i>Damselfly spp.</i> •												
								Spotted Spreadwing									1			
								Lyre-tipped Spreadwing							3					
								Boreal Bluet							2					

(d) - dead

x - number not recorded