

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Crows	Ft. McM.	Kateneno	LLBiche	Lethb.	Med.Hat	Milk R.	Tab-Vax	Wakomao	Waterton	Totals
Greater White-fronted Goose																			0
Snow Goose				1									1						2
Ross's Goose				1															1
Brant																			0
Cackling Goose																			0
Canada Goose	98	16	216	1712	8	5367	1110	875	482	767		729	237	481	790	190	247	24	13349
<b>Goose Species</b>																			0
Trumpeter Swan		2				5												3	10
Tundra Swan						2													2
<b>Swan species</b>																			0
Wood Duck						7								3				4	14
Gadwall	1			488	5	1550	170	94	15			17	123	36	581	28	6		3114
Eurasian Wigeon						3													3
American Wigeon	1			295	6	362	62	41	1	32		20	31	25	170	20	13	2	1081
American Black Duck																			0
Mallard	8	2	85	1127	23	3723	1104	369	121	81		146	224	291	1307	58	55	20	8744
Blue-winged Teal	6	2	6	615	54	2146	442	252	16	36		98	81	52	327	38	13	10	4194
Cinnamon Teal	2		4	115	4	347	42		14			1	36		118	25		6	714
Northern Shoveler	10		3	1046	38	1631	227	147	18	25		44	157	55	776	39	16	3	4235
Northern Pintail				441	1	153	37	8		2		13	48	35	923	34	12		1707
Green-winged Teal	6		7	80		379	94	56	11	23		6	3	5	21	7	4	2	704
Canvasback				164	1	839	75	78	3			20	11	6	88	41	15	6	1347
Redhead				302	5	846	187	127	1	6		30	13	1	149	35	20		1722
Ring-necked Duck		7	30	20		218	131	81	71	64		2	5		3	2	9	13	656
Greater Scaup			1	93		13		10	1			31		2	42	2			195
Lesser Scaup			1	444	9	1860	183	267	16	13		81	92	7	125	59	40	4	3201
Harlequin Duck	2					1			4									1	8
Surf Scoter						1													1
White-winged Scoter				1		5		2								4			12
Black Scoter																			0
Long-tailed Duck																			0
Bufflehead	4		7	51	6	437	118	123	5	36	1	96	23	2	7	27	5	8	956
Common Goldeneye			10			384	98	65		33		15	1	11		1	3	1	622
Barrow's Goldeneye			14			32			10									20	76
<b>Goldeneye species</b>																			0
Hooded Merganser	3		3	4		28	1											2	41
Common Merganser	13		10	1		137	2	14	5				2	16	1 CW			9	209
Red-breasted Merganser						3								1					4
Ruddy Duck			1	387	34	876	95	140	13	10		32	72		141	50	4		1855

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Duck species				1000		350	27						56		1205				2638
Gray Partridge				25		31	2		CW				3	43	69	18			191
Ring-necked Pheasant				24		73						1	16	131	37	19			301
Ruffed Grouse		4	8			28	13	1	6	2		8						6	76
Greater Sage-Grouse																			0
Spruce Grouse									CW	2									2
Willow Ptarmigan																			0
White-tailed Ptarmigan																			0
Dusky Grouse						2												1	3
Sharp-tailed Grouse				20					1	8		11		4	23				67
Wild Turkey									3										3
Red-throated Loon																			0
Pacific Loon																			0
Common Loon		2	8	4		19	7	14	1	19		4					2	4	84
Yellow-billed Loon																			0
Pied-billed Grebe			2	5		24	10	13	1	9		3		1	1	1	1	4	75
Horned Grebe				31	2	49	31	17		3		7		2	5	3			150
Red-necked Grebe		4	2	68		59	17	79		17		37			1	13	11		308
Eared Grebe			1	249	14	2517	540	380	16	1		8	143	7	943	103			4922
Western Grebe			28	25		59	4	113				8		2	56	27		1	323
Clark's Grebe																		1	1
American White Pelican				364		169	60	18				66	50	23	65	536		2	1353
Double-crested Cormorant				371		328	4	35				25	2	6	23	138			932
American Bittern				3			1	1		1 CW					2			1	8
Great Blue Heron	2	1	20	10	1	119	7	7	5	6		9	1	40	1	13		1	243
Great Egret																			0
Snowy Egret						1 CW													0
Black-crowned Night-Heron				65		13	1								10	1			90
White-faced Ibis				31		310									100	17			458
Turkey Vulture						1CW	1	7	1			7	4	9			1		30
Osprey		4	16	1		41	8	7	6	3		17			1			3	107
Bald Eagle	1		6			23	12	5	11	3		3	1 CW	3	1		1	4	73
Northern Harrier			1	50		16	4	2	8	3		1	4	5	35	8		1	138
Sharp-shinned Hawk	CW		4	1		9	1		CW	2								1	18
Cooper's Hawk						8	1	1 CW					1	4	1				15
Northern Goshawk						1 CW	1 CW											1	1
Accipiter species						1													1
Hawk species							4												4
Broad-winged Hawk								4		3		1		1					9

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Swainson's Hawk				132		291	8	2	6				37	35	59	28		1	599
Red-tailed Hawk		2	5	31	2	258	72	16	22	1		3	8	24	6	18	4	3	475
Ferruginous Hawk				16		7			2				3	1	12	2			43
Rough-legged Hawk										1									1
<b>Buteo species</b>						27													27
Golden Eagle			2			4			5				1	2	5				19
<b>Eagle species</b>																			0
American Kestrel			2	9		28	13	5	8	7		9		12	7	2	2		104
Merlin	CW		1 CW	10		22	2	3		4		1	3	7	4	2			58
Gyr Falcon																			0
Peregrine Falcon						2													2
Prairie Falcon				2		3			2				1	6	4	1 CW			18
<b>Falcon species</b>																			0
Yellow Rail						4		6											10
Virginia Rail						1		2											3
Sora	6	3	3	43	3	124	75	25	13	21		16	4	1	20	6	1	2	366
American Coot		3	10	622	21	1768	718	278	332	28		46	152		396	276	23	18	4691
Sandhill Crane	1					8	11	56	6	74	2	15			1			2	176
Whooping Crane																			0
Black-bellied Plover				577		39							7						623
American Golden-Plover								75 CW											0
Semipalmated Plover				1															1
Piping Plover																			0
Killdeer	2		5	167	6	382	45	13	11	10		6	30	38	174	12	2	3	906
Mountain Plover																			0
Black-necked Stilt				240	1	255	17						45		31	21			610
American Avocet				320	10	560	22	102		1		17	85	2	382	30	5		1536
Greater Yellowlegs				3		21	1	8		19		3			1				56
Lesser Yellowlegs			1	1			1	1		2		1					4		11
Solitary Sandpiper	1		4	2		18	6	3		6		2						2	44
Willet				154		110	12	2	2				11	7	88	17			403
Spotted Sandpiper	5	1	31	31		455	9	10	36	27			23	25	21	11		6	691
Upland Sandpiper				22		7			8					3	5	1			46
Whimbrel				533											1				534
Long-billed Curlew				11		5			4				4	10	22	5			61
Hudsonian Godwit				1															1
Marbled Godwit				187		70	15	8					13	48	80	5			426
Ruddy Turnstone				1				1											2
Red Knot				29															29

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Crows	Ft. McM.	Kateneno	LLBiche	Lethb.	Med.Hat	Milk R.	Tab-Vax	Wakomao	Waterton	Totals
Sanderling				10				14					13		154				191
Semipalmated Sandpiper				1207		38	11						1		1				1258
Western Sandpiper				3											1				4
Least Sandpiper				60		4	2	3									4		73
White-rumped Sandpiper				4											3				7
Baird's Sandpiper				163		1		4					1		80		1		250
Pectoral Sandpiper				3						4									7
Peeps species			2					20		8			11		323				364
Dunlin																			0
Stilt Sandpiper				405											12				417
Buff-breasted Sandpiper															3				3
Short-billed Dowitcher				10						6									16
Long-billed Dowitcher				296		2								4					302
Dowitcher species								1CW											0
Wilson's Snipe	5	3	5	143	4	329	59	19	37	49		9		22	3	7		9	703
Wilson's Phalarope				627	6	884	64	45	6			3	62	31	698	16	6		2448
Red-necked Phalarope				573		33													606
Red Phalarope																			0
Phalarope species																			0
Parasitic Jaeger																			0
Gull species			9	100		91	21						670	11	63				965
Franklin's Gull				7624		12681	50	1129				465	171	50	3406	750		79	26405
Bonaparte's Gull						8		9	6	32		10	1		1				67
Mew Gull																			0
Ring-billed Gull				3606		149	172	270		11		22	154	265	86	1370		253	6358
California Gull		1		1095		2400		10		390		20	90	45	117	830		11	5009
Herring Gull				8		8		6		224		4							250
Thayer's Gull																			0
Glaucous Gull																			0
Sabine's Gull								500											500
Caspian Tern				13									1		4	20			38
Common Tern				30		56		3		2		24	4		2	3			124
Arctic Tern																			0
Forster's Tern				10		89	8	12					1		9	7			136
Black Tern				70		756	168	240	75	209		16		1	3	2	2	10	1552
Tern species						1						3			2				6
Rock Pigeon			50	301	4	768	71	24	29	27		2	87	281	87	160	2		1893
Band-tailed Pigeon						39													39
Eurasian Collared-Dove				37		172	4		11				11	35	7	38			315

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Mourning Dove	1	1	2	308			23		15				36	248	174	63		2	873
Black-billed Cuckoo																			0
Great Horned Owl			4	6		19	8		5				2	16	24	10			94
Snowy Owl																			0
Northern Hawk Owl			1																1
Northern Pygmy-Owl																			0
Burrowing Owl				2											1				3
Barred Owl	1					3 CW	1	1											3
Great Gray Owl						3	1	1											5
Long-eared Owl								1											1
Short-eared Owl															1				1
Boreal Owl										1									1
Northern Saw-whet Owl						1 CW	1							1CW					1
Common Nighthawk						1	2	1		4		1							9
Common Poorwill																			0
Black Swift																			0
Vaux's Swift									2										2
Swift species																			0
Ruby-throated Hummingbird			2		5	6	27	3				19							62
Calliope Hummingbird	CW		2			9			12									4	27
Rufous Hummingbird	CW	1	24			15	2		26									5	73
Black-chinned Hummingbird																			0
Hummingbird species						6													6
Belted Kingfisher		1	5			19	1	4	2	3			1	3				2	41
Lewis's Woodpecker																			0
Red-headed Woodpecker																			0
Yellow-bellied Sapsucker						18	13	8		10	3	6							58
Red-naped Sapsucker		2				9			14									6	31
Sapsucker species						12													12
Downy Woodpecker		1		3		64	22	6	3	8		11	4	18	1	3		1	145
Hairy Woodpecker	1		3			25	24	5	6	15		18		3				1	101
American Three-toed Woodpecker	4					12		1		3		2						1	23
Black-backed Woodpecker								2	CW										2
Northern Flicker	1		22	24		181	13	14	22	14		10	14	51	4	5		4	379
Pileated Woodpecker	CW	2	2			6	3	4	5	3	1	5		2				3	36
Woodpecker species	1					6													7
Olive-sided Flycatcher			2			17		1	2		1	4						2	29
Western Wood-Pewee	3	3				136	5	5	10			1	10			9		8	190
Yellow-bellied Flycatcher			1			1		3		1									6

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Crows	Ft. McM.	Kateneno	LLBiche	Lethb.	Med.Hat	Milk R.	Tab-Vax	Wakomao	Waterton	Totals
Alder Flycatcher				2		43	3	4		26		5					1	5	89
Willow Flycatcher	CW		2			6												5	13
Least Flycatcher	1		18	31		494	30	3	15	40		29	21	55	19	13		34	803
Empidonax species	1		5											7					13
Hammond's Flycatcher						1			7									1	9
Dusky Flycatcher			2			45			17									16	80
Pacific-slope Flycatcher						6												1	7
Eastern Phoebe			1			13	13	13				12					1		53
Say's Phoebe	CW			3		9	2						1 CW	4	4				22
Great Crested Flycatcher																			0
Western Kingbird			1	65		77	4						15	39	23	31			255
Eastern Kingbird	CW		10	12	1	332	36	6	15	5		2	41	47	45	16	2	5	575
Loggerhead Shrike				3		9	2							1	15	1			31
Northern Shrike			1																1
Cassin's Vireo			1			10			6									7	24
Blue-headed Vireo						9	2	4		5		13							33
Warbling Vireo	1	1	34	2		234	8	1	23	4	3	2	5	11	3	6	1	64	403
Philadelphia Vireo						5				10									15
Red-eyed Vireo				2		26	11	87	2	105	3	62		2		4	2	8	314
Vireo species	2		4					1											7
Gray Jay	3		8			35	2	9	1	31		2						2	93
Steller's Jay	CW								3									2	5
Blue Jay			2	3		30	37	12	10	79		15	3	16		2	1		210
Clark's Nutcracker	8								8									2	18
Black-billed Magpie	5		37	268	11	1228	170	89	29	90		98	128	259	46	44	6	9	2517
American Crow	8	7	63	73	20	853	318	201	96	59		79	45	153	41	29	25	11	2081
Common Raven	7	4	33	28		511	59	51	74	470	2	39	8	1	8	1	10	4	1310
Horned Lark				209		10	1		7				10	13	412	16			678
Purple Martin						13	124	18				11							166
Tree Swallow	10	8	65	140	14	3529	475	65	402	100		86	25	119	21	14	8	34	5115
Violet-green Swallow			5			19			5				2	5	1	2		2	41
Northern Rough-winged Swallow	4		29	3		109			412				26	39		5		1	628
Bank Swallow	CW		2	106		1783	147	46	31	7		8	115	115	235	48	40	1	2684
Cliff Swallow	10	2	402	494		3845	833	71	520	615		9	249	77	1278	560		200	9165
Barn Swallow	12	2	30	164	6	268	27	40	19	42		46	10	29	96	23	4	4	822
Swallow species			23	10											6				39
Black-capped Chickadee	CW	3	26	1	2	256	57	21	42	23		20	11	69	1	1		5	538
Mountain Chickadee	CW		31			48			9									2	90
Boreal Chickadee	2		2			19	7	1		15								1	47

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Red-breasted Nuthatch	6	5	20			107	6	1	16		1		7	16	1	1		16	203
White-breasted Nuthatch			1			24	18	4			1	6	1						55
Brown Creeper						6		3		2								2	13
Rock Wren				1		4	1		4				1	5	1	1			18
House Wren		5	7	38	6	684	78	14	47	2		13	39	231	28	20	1	43	1256
Pacific Wren	1		1			18		5	1	5		2						7	40
Sedge Wren								2											2
Marsh Wren		4	2	194	10	59	34	9		12		6	1		242	3		2	578
Wren Species			1																1
American Dipper						3			6									2	11
Golden-crowned Kinglet	1	7	3	1		54			12	15	1							8	102
Ruby-crowned Kinglet	19	8	109			287	3	30	94		1	7		1				52	611
Eastern Bluebird																			0
Western Bluebird									2										2
Mountain Bluebird			6			242	106		32					2			7	5	400
Townsend's Solitaire			1			12			4							1		8	26
Veery				1		2			3									12	18
Gray-cheeked Thrush				3												1			4
Swainson's Thrush		1	24	104		103		12	4	14		8	7		6	16		36	335
Hermit Thrush	1		7	1		37	1	5		5		10						4	71
American Robin	12	14	97	624	11	1670	276	120	193	166	1	81	179	858	174	66	8	104	4654
Varied Thrush			7			16			CW									14	37
Wood Thrush																			0
Thrush species												1							1
Gray Catbird	CW		2	3		134	9	1	25				29	29	8	6		24	270
Northern Mockingbird																			0
Sage Thrasher																			0
Brown Thrasher				18		13							2	30	4	5			72
European Starling	15		3	428	5	1803	267	47	175	34		40	142	812	91	67	14	17	3960
American Pipit																			0
Sprague's Pipit				77		9								16	10	4			116
Bohemian Waxwing																			0
Cedar Waxwing	CW	7	23	7		450	33	4	4	4		3	70		3	25		73	706
Tennessee Warbler	CW	8	37	4		399	1	97	3	392	5	169	1 CW	4				11	1130
Orange-crowned Warbler	CW	1	5	10		32		1	5			1						13	68
Nashville Warbler								5	CW										5
Yellow Warbler	8	9	78			909	144	17	173	72		83	76	335	49	24	3	131	2111
Chestnut-sided Warbler			1					8				13							22
Magnolia Warbler	CW		3			2		5		30		3							43

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Cape May Warbler						36						5							41
Black-throated Blue Warbler																			0
Yellow-rumped Warbler	22	2	64	85		250	25	22	49	18		86	3	2	4			42	674
Black-throated Green Warbler								2		4									6
Townsend's Warbler	5		16			44			3									26	94
Blackburnian Warbler						2		3											5
Palm Warbler			2			1		1		1		2							7
Bay-breasted Warbler												2							2
Blackpoll Warbler				18		1				4		1				2			26
Black-and-white Warbler				2		1		16		29		34							82
American Redstart	2		7			8		12	4	13		3	2	1		1		1	54
Ovenbird		1		1		26		52		70	4	44							198
Northern Waterthrush	3	2	16			59		1	26	17		3	1		1			33	162
Connecticut Warbler								6		1		2							9
Mourning Warbler				1				6		5								2	14
MacGillivray's Warbler		1	5			7			1									41	55
Common Yellowthroat	6	7	16	6		150	14	30	17	17		10	9	22	18	6		7	335
Wilson's Warbler	2		9			32		1	2						1 CW			16	62
Canada Warbler								14		24									38
Yellow-breasted Chat														4	1 CW				4
Warbler species														2					2
Western Tanager						11	1	1	2	23		1						10	49
Spotted Towhee				4		2	1		1				5	27	9	1			50
Black-throated Sparrow																			0
Chipping Sparrow	13	11	99	616	1	628	34	82	129	167		53	14	100	55	27		50	2079
Clay-colored Sparrow	3	5	7	321		1292	152	45	46	52		55	23	191	45	15		23	2275
Brewer's Sparrow				1												5		3	9
American Tree Sparrow								2				7		6					15
Vesper Sparrow			2	561		271	45	6	37	5		6	9	150	487	32		13	1624
Lark Sparrow				4				2						16	4	4			30
Lark Bunting				1			1						3	4	14	4			27
Savannah Sparrow	8	2	2	496	1	1286	75	18	35	33		24	25	78	245	21	8	12	2369
Grasshopper Sparrow				5										5		2			12
Baird's Sparrow				13										5	3				21
Le Conte's Sparrow	CW			2		16	4	8		6		24		1					61
Nelson's Sparrow						6		3				16							25
Fox Sparrow			1															5	6
Song Sparrow	3		8	7		179	50	48	13	51		73	10	16	1	3	2	3	467
Lincoln's Sparrow	3	4	10	8		191	2	8	13	28		6						11	284



	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Crows	Ft. McM.	Kateneno	LLBiche	Lethb.	Med.Hat	Milk R.	Tab-Vax	Wakomao	Waterton	Totals
Swamp Sparrow						1		22		11	1	8							43
White-throated Sparrow	CW		24	25		139	29	72	1	251	6	129			1				677
Harris's Sparrow				6											2				8
White-crowned Sparrow	6	8	27	64		105	16	4	104			4	2	1	1			67	409
Golden-crowned Sparrow																			0
Dark-eyed Junco	3		48	2		62	8	3	27	9			5	1	1			10	179
Sparrow species								17							353				370
McCown's Longspur				2											5				7
Lapland Longspur										1									1
Smith's Longspur																			0
Chestnut-collared Longspur				151										2	217	14			384
Snow Bunting																			0
Northern Cardinal																			0
Rose-breasted Grosbeak			1	4		53	7	14		32		19		2				4	136
Black-headed Grosbeak		1				1			1						1			11	15
Lazuli Bunting						3			5					5				7	20
Dickcissel (uncoroborated)			1																1
Indigo Bunting																			0
Bobolink						4				260					1 CW				264
Red-winged Blackbird	9	35	160	2285	48	4429	908	246	185			196	197	461	1006	58	3	23	10249
Western Meadowlark			1	1057	2	284	40	1	54	4		9	40	452	414	56		1	2415
Yellow-headed Blackbird		1		2157		1790	431	89	16			8	143	48	617	45	7	2	5354
Rusty Blackbird										9		5							14
Brewer's Blackbird			9	882	16	1995	292	15	100	26		34	25	333	295	28	16	6	4072
Common Grackle				547		270	16	5	5	11			75	417	107	52	65		1570
Brown-headed Cowbird	14	13	74	929		1818	47	49	306			158	93	120	406	54		69	4150
Baltimore Oriole				11	2	189	38	4	7			6	17	48	6	12	3	2	345
Bullock's Oriole															1	1			2
Blackbird species	1												49		294				344
Gray-crowned Rosy-Finch			3																3
Pine Grosbeak									1							1		7	9
Purple Finch			8	3		2	20	7		5		19							64
Cassin's Finch									1									5	6
House Finch				2		116	10		9			1	21	93	1 CW	14			266
Red Crossbill						14													14
White-winged Crossbill						8													8
Common Redpoll							10												10
Hoary Redpoll																			0
Pine Siskin	7	5	156	31		1591	5	14	362	9		16	1	4	9			126	2336

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Crows	Ft. McM.	Kateneno	LLBiche	Lethb.	Med.Hat	Milk R.	Tab-Vax	Wakomao	Waterton	Totals
American Goldfinch		6	1	3	7	552	118	31	8	6		53	25	53	17	10		27	917
Evening Grosbeak						36	3	11	1	4		13							68
Grosbeak species																			0
House Sparrow			4	609	3	863	137	17	66	16		21	64	465	274	53		1	2593
<b>total # individuals (count days)</b>	<b>436</b>	<b>268</b>	<b>2749</b>	<b>43676</b>	<b>439</b>	<b>88924</b>	<b>12620</b>	<b>8504</b>	<b>5804</b>	<b>6135</b>	<b>37</b>	<b>4511</b>	<b>5341</b>	<b>9152</b>	<b>22520</b>	<b>6864</b>	<b>772</b>	<b>2282</b>	<b>221034</b>
<b>total # species (count days)</b>	<b>62</b>	<b>57</b>	121	165	44	211	146	163	138	126	17	136	114	126	137	121	56	135	278
<b>total # of individual cw</b>			1			5	1	77	6	1			3	1	5	1			
<b>total # species cw</b>	19		1			5	1	3	6	1			3	1	5	1			