

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Coy Lake	Crooked	Crows	Ft. McM.	LLBiche	Lethb.	Med.Hat	Milk R	Tab-Vax	Wakomao	Waterton	Totals	
Greater White-fronted Goose																				0	
Snow Goose	30					1	2	1						12		1				47	
Ross's Goose												CW								0	
Brant																				0	
Cackling Goose				1			2													3	
Canada Goose		23	77	2221	85	4865	1332	457	37	2	275	40	153	401	533	1039	540	90	14	12184	
Goose Species																				0	
Trumpeter Swan		2	3	1		18					4								6	34	
Tundra Swan						2	1					CW								3	
Swan species						1														1	
Wood Duck						29					4			2	1					36	
Gadwall				311	16	1079	155	59			4	3	20	159	35	424	65	4		2334	
Eurasian Wigeon																				0	
American Wigeon	2			148	2	375	20	59			4	33	14	24	23	86	11	6	2	809	
American Black Duck																				0	
Mallard	6	8	30	583	68	2517	709	441	28	2	101	40	222	212	181	721	85	60	16	6030	
Blue-winged Teal	1	2		406	78	1336	387	319	9		44	14	90	82	31	174	57	18	1	3049	
Cinnamon Teal	3			56	20	166	19		1		11		2	24	8	97	30		4	441	
Northern Shoveler	6		1	538	89	1101	217	274			18	14	42	92	40	439	43	20	1	2935	
Northern Pintail				202	4	135	18	38			4		8	39	27	317	34	1		827	
Green-winged Teal	4			65		153	60	74	1		13	12	11	1	5	1	4	15		419	
Canvasback				64		182	39	98			3	2	17	26	7	51	45	10	3	547	
Redhead				250	7	441	120	70				8	12	13	7	35	43	16		1022	
Ring-necked Duck	2	11	2	26		238	133	61	2		11	53	8	16		4	4	15	2	588	
Greater Scaup			2	19		19		5					9		2					56	
Lesser Scaup			10	408	57	1221	239	382	10		37	10	179	42	8	88	119	35	7	2852	
Harlequin Duck			2			1					6									9	
Surf Scoter																				0	
White-winged Scoter						12		1		3				4				10		30	
Black Scoter																				0	
Long-tailed Duck																				0	
Bufflehead	3	3	6	59	2	299	153	243	8		7	25	52	9	2			8	25	6	910
Common Goldeneye			1	3		272	61	83	2	61		40	30	2	11			1		1	568
Barrow's Goldeneye		3	14			46					10									34	107
Goldeneye species																				0	
Hooded Merganser			6	3		68	1	1	1			1				6	1			88	
Common Merganser	4		11	7		226	15	59			15		2	8	31				4	382	
Red-breasted Merganser				2				2					3							7	
Ruddy Duck			5	203	78	524	134	134			7	4	19	13		28	35	4		1188	
Duck species				550		47						7				280				884	

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Gray Partridge				38		39	7							8	5	58	23			178
Ring-necked Pheasant				16		43	1							24	102	25	13			224
Ruffed Grouse		6	4			27	4	5	2		7	4							7	66
Greater Sage-Grouse																				0
Spruce Grouse						3													1	4
Willow Ptarmigan																				0
White-tailed Ptarmigan																				0
Dusky Grouse											1								1	2
Sharp-tailed Grouse				17							2		7		1	14				41
Wild Turkey											8									8
Red-throated Loon																				0
Pacific Loon																				0
Common Loon	3	1	13	2		18	5	23	3	1	1	14	4	CW					2	90
Yellow-billed Loon																				0
Pied-billed Grebe	1		1	2		21	2	20				3	8				3	2	1	64
Horned Grebe				12	16	31	7	29				1	8	1	3		1	3		112
Red-necked Grebe		4		70		103	33	63	4	3		12	33			1	19	9		354
Eared Grebe				35	6	503	87	133			18		6	55	3	105	20			971
Western Grebe				86		43	2	25					12	6	1	44	24			243
Clark's Grebe				1																1
American White Pelican				263		230	22	4	4	1	10		38	36	50	32	499		9	1198
Double-crested Cormorant		1		395		510	33	113	4		1	2	11	10	25	18	160		2	1285
American Bittern				13		1	2	2				CW								18
Great Blue Heron	3	2	19	30		100	15	3	3		3	1	1	6	90	3	5		1	285
Great Egret																				0
Snowy Egret																				0
Black-crowned Night-Heron				8		12										15	1			36
White-faced Ibis				8	2	60								13		24	2			109
Glossy Ibis																1				1
Turkey Vulture						4	9	6			1				12	1			1	34
Osprey		4	10			51	7	3	1		7	2	2	2	4	1	2		1	97
Bald Eagle	1	1	7			22	8	6	1	1	10	1	2	CW	4				3	67
Northern Harrier				76		34	7	1CW	1		8	4		6	8	61	12		2	219
Sharp-shinned Hawk				2		9		1							2					14
Cooper's Hawk			1	3		11	1							1	6					23
Northern Goshawk			1			4				1	1								1	8
Accipiter species						2								1	2					5
Hawk species																				0
Broad-winged Hawk				1		1	1	1				5		1	3					13
Swainson's Hawk				65		256	11				4	1		22	24	56	44			483

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Red-tailed Hawk			1	44	2	304	78	17	7		16	2	2	5	17	23	18	3	2	541
Ferruginous Hawk				7		1					4			1	1	24	5			43
Rough-legged Hawk							1									1				2
Buteo species						8									10					18
Golden Eagle						2					4					10			1	17
Eagle species																				0
Yellow Rail						10														10
Virginia Rail								1CW												0
Sora	2	7		22		74	19	31			6	12	11	2	4	5	5	2	1	203
American Coot				65	62	478	185	285	2		38	20	34	21	1	25	55	10		1281
Sandhill Crane		2	1			17	6	65	1		3	1	8						4	108
Whooping Crane																				0
Black-bellied Plover				3401		389								139						3929
American Golden-Plover								20												20
Semipalmated Plover						1										2				3
Piping Plover																				0
Killdeer	2		15	153	2	289	23	7			20	14	4	28	44	176	38	1	2	818
Mountain Plover																				0
Black-necked Stilt				24	57	69								28		3	6			187
American Avocet				130	10	239	26	14						76	2	220	32	2		751
Spotted Sandpiper	1	2	40	63		369	16	22			18	17	1	18	19	27	10		9	632
Solitary Sandpiper			1	3		5	2	1			3	6		CW					1	22
Greater Yellowlegs						9	2					9		1						21
Willet				167	2	65	11				2			19	7	107	19		1	400
Lesser Yellowlegs				4		9		5				3				2		1		24
Upland Sandpiper				14		4					3	1			2	3	2			29
Whimbrel				2												3	CW			5
Long-billed Curlew				12		4					1			5	13	22	4			61
Hudsonian Godwit																				0
Marbled Godwit				115		49	2	2					1	27	14	40	30			280
Ruddy Turnstone				1																1
Red Knot				203																203
Sanderling				51										32		1304	CW			1387
Semipalmated Sandpiper				52		43								1						96
Western Sandpiper																				0
Least Sandpiper				2		1														3
White-rumped Sandpiper						1														1
Baird's Sandpiper			1	6		31								1						39
Pectoral Sandpiper			1			40														41
Peeps species			2			23														25

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Dunlin														CW						0
Stilt Sandpiper								30												30
Buff-breasted Sandpiper																				0
Short-billed Dowitcher				5																5
Long-billed Dowitcher				1																1
Dowitcher species						6								1						7
Wilson's Snipe	4	4	4	90	6	228	24	28	7		35	15	15	6	11	2	17	1	9	506
Wilson's Phalarope			1CW	378	81	416	51	3			8	11		50	33	520	49	2		1602
Red-necked Phalarope				1							1						3	15		20
Red Phalarope																				0
Phalarope species																				0
Parasitic Jaeger																				0
Jaeger species																				0
Gull species		1	1	600		87						90	10	9	40	20				858
Sabine's Gull								3CW												0
Bonaparte's Gull			1	5		46	9	10			7			1						79
Franklin's Gull				5456		9213	1	12740		20		87	11	1011	12	410	470			29431
Mew Gull																				0
Ring-billed Gull				1717	2	296	154	226			15	78	21	374	230	92	1440		38	4683
California Gull				256		3387	1	7			2	292	9	15	22	22	1730		1	5744
Herring Gull				1		2		2				87								92
Thayer's Gull																	1			1
Glaucous Gull								6												6
Caspian Tern				11				1CW						6	1	1	5			24
Black Tern				30	13	301	44	268				10	25	1		2	2	19	6	721
Common Tern				6		51	11	2					37	7		2	13			129
Arctic Tern																				0
Forster's Tern				19		60	13	15					6			6	19			138
Tern species								8	1											9
Rock Pigeon			36	258	3	776	86	79	2		18	20	29	28	312	97	81	2		1827
Band-tailed Pigeon																				0
Eurasian Collared-Dove				21		28	15				6			16	81	29	39			235
Mourning Dove			2CW	334		121	13	1	2		9			27	165	207	85			964
Black-billed Cuckoo																				0
Great Horned Owl				14		40	14	1CW			3			3	6	24	11			115
Snowy Owl																				0
Northern Hawk Owl																				0
Northern Pygmy-Owl						2														2
Burrowing Owl				3																3
Barred Owl	1					5				1										7

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Great Gray Owl						10	1		1											12
Long-eared Owl							5 CW													0
Short-eared Owl				2			1							1	5	3				12
Boreal Owl																				0
Northern Saw-whet Owl							5													5
owl species												1								1
Common Nighthawk								1				1			1	1				4
Common Poorwill																				0
Black Swift															2					2
Vaux's Swift																				0
Swift species																				0
Ruby-throated Hummingbird			2		2	1	4	2	1		1		5							18
Rufous Hummingbird	2		37			18					23		2						1	83
Calliope Hummingbird			5			8					15								3	31
Black-chinned Hummingbird																				0
Hummingbird species						2														2
Belted Kingfisher		CW	4			18	2	3			3	5		3	5	1			1	45
Lewis's Woodpecker																				0
Red-headed Woodpecker																				0
Yellow-bellied Sapsucker						11	6	7	4	1		10	3							42
Red-naped Sapsucker		4	1			9					2								7	23
Sapsucker species						18														18
Downy Woodpecker			1	6		41	8	2	1	1	2	1	4	4	12	1	1	1		86
Hairy Woodpecker		1	3			20	4	7			3	14	8		1				1	62
American Three-toed Woodpecker						5														5
Black-backed Woodpecker																				0
Northern Flicker			9	17		146	8	22	1		9	27	11	12	65	2	4	1	3	337
Pileated Woodpecker		1	4			14	5	5	2	1	4	6	2		1				1	46
Woodpecker species												2								2
American Kestrel		1		9		24	8	2	1		5	3	7	2	6	1	1	1		71
Merlin			2CW	5		13	4	3		1	1	2	4	2	4	2	3			44
Gyrfalcon																				0
Peregrine Falcon				1				1CW												1
Prairie Falcon			1CW			3	1				1			CW	5	3				13
Falcon species						2									1					3
Olive-sided Flycatcher		1	1			7		1			2		3						4	19
Western Wood-Pewee		2	5	3		120	6	2				2	2	7	3	1	2		5	160
Yellow-bellied Flycatcher			1																	1
Alder Flycatcher				1		9	1					2	20		1				1	35
Willow Flycatcher			1			1													2	4

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Least Flycatcher			30	88		424	42	9	15	3	9	30	50	8	36	12	12		15	783
Empidonax species						1														1
Hammond's Flycatcher						1														1
Dusky Flycatcher		2	2			20					3								2	29
Pacific-slope Flycatcher						3													CW	3
Eastern Phoebe			1	1		24	7	7	2	2	1	3	1					4		53
Say's Phoebe				4		5							1	1	4	6	1			22
Great Crested Flycatcher							3													3
Western Kingbird				232		54	2							10	54	45	28			425
Eastern Kingbird			1	73		57	1	4			1	2		13	12	31	8	5	5	213
Loggerhead Shrike				33		4	1									3	3			44
Northern Shrike																				0
Cassin's Vireo		2	3			10					8								5	28
Blue-headed Vireo						3		6	1			5	2							17
Warbling Vireo	1	2	29	13		232	8		5		14	1	3	3	9			2	22	344
Philadelphia Vireo			1				1					1								3
Red-eyed Vireo				4		7	5	38	4	2		41	5		2				1	109
Vireo species																				0
Gray Jay	1		7			50	3				8	22	10						2	103
Steller's Jay											2								2	4
Blue Jay				2		21	13	20	1	3	6	17	4	4	25			1		117
Clark's Nutcracker											5								1	6
Black-billed Magpie	5		29	238	13	1063	151	146	3		20	77	12	86	401	73	50	14	7	2388
American Crow	3	2	50	72	12	706	224	252	31		43	30	67	18	143	33	28	5	12	1731
Common Raven	2	5	51	36	2	750	77	48	4	1	60	207	11		1	16	5	22	7	1305
Horned Lark	1			314		16								10	5	352	22			720
Purple Martin						11	59	21	1CW				8							99
Tree Swallow	4	7	90	119	31	3279	374	56	21	3	365	91	29	47	153	16	19		24	4728
Violet-green Swallow	2		26			8					2			4	61	9	2		2	116
Northern Rough-winged Swallow		CW	8	19		133	15				37			8	14	18	12		2	266
Bank Swallow			4	563		1956	372	8				48		7	23	230	37	40	2	3290
Cliff Swallow			80	1166	54	2869	844	480			1	616	10	70	6	1157	140	40	105	7638
Barn Swallow	4		3	195	4	221	55	41	1		17	12	20	16	27	131	30	2	2	781
Swallow species						45	15								23					83
Black-capped Chickadee		2	19		3	189	58	18	4	1	26	54	7	8	66		2		9	466
Mountain Chickadee	2	2	12			39					26								2	83
Boreal Chickadee			4			15	4		2			6	2						1	34
chickadee species																				0
Red-breasted Nuthatch	2	6	18	1		158	18	4	5		15	2	3	9	32		1		11	285
White-breasted Nuthatch				3		25	12	2	1	1	3		4		2				1	54

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Brown Creeper		CW	1			13		1				2								17
Rock Wren				2		7								1		1				11
House Wren		6	3	70	10	731	84	17	6		18	6	5	56	285	35	22		16	1370
Pacific Wren	1		1			6					1								2	11
Winter Wren						1CW		1CW		2		7								9
Sedge Wren								9												9
Marsh Wren		2		216	4	20	20	3				10	2	1		7	8		1	294
Wren Species																				0
American Dipper						3					3								1	7
Golden-crowned Kinglet		6	4			21					3		2						24	60
Ruby-crowned Kinglet	6	14	48			239	5	22	3	1	43	11	6						24	422
Eastern Bluebird																				0
Western Bluebird																				0
Mountain Bluebird			7			284	71	1	1		28							1	9	402
Townsend's Solitaire						12					3								4	19
Veery			1			6							1	CW	2				3	13
Gray-cheeked Thrush																	1			1
Swainson's Thrush		CW	16	60		45	1	5	3			9	2	2	10	7			9	169
Hermit Thrush			3			7		10	4	2		7	28		3				3	67
Wood Thrush													19							19
American Robin	4	19	46	483	3	1231	189	115	31	5	117	161		104	787	175	75	3	50	3598
Varied Thrush			1			32								1					6	40
Thrush species																				0
Gray Catbird		2		5		93	9		1		5			29	67	25	5		9	250
Northern Mockingbird																				0
Sage Thrasher																				0
Brown Thrasher				27		6								7	18	4	1			63
European Starling			7	361	1	1802	517	102	82		60	6	15	101	1168	160	93	24	11	4510
American Pipit																				0
Sprague's Pipit				105											5	11	4			125
Bohemian Waxwing																				0
Cedar Waxwing		1	7	1		8	3		2CW				5	8	7		1		22	63
Lapland Longspur																				0
Chestnut-collared Longspur				139											3	73	6			221
Smith's Longspur																				0
McCown's Longspur				1												1				2
Snow Bunting																				0
Ovenbird		4	1			18		75	13	10		55	46							222
Northern Waterthrush	1	3	22			80		1			10	28		2		1			10	158
Black-and-white Warbler								3	6			26	5							40

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Tennessee Warbler	5	5	46	17		527		76	5	2	2	287	13	1	2	1			13	1002
Orange-crowned Warbler		1	2	1		15		1	3		5	1			1	1	1		5	37
Nashville Warbler			1					1												2
Connecticut Warbler								5	1				24							30
MacGillvray's Warbler	1	1	3			5					1								13	24
Mourning Warbler								5				7								12
Common Yellowthroat	6	7	13	30		93	6	20	3	1	12	20	22	6	7	22	8	2	3	281
American Redstart	1		13	CW		9		7	6		2	11	4			3			1	57
Cape May Warbler						35		2				3								40
Magnolia Warbler			1			1		4		1		20								27
Bay-breasted Warbler				CW								2								2
Blackburnian Warbler								2												2
Yellow Warbler	5	7	47	143		716	184	41	16	2	69	36	13	69	387	39	19	3	54	1850
Chestnut-sided Warbler								2												2
Blackpoll Warbler				15		3				2		7		CW	1					28
Black-throated Blue Warbler																				0
Palm Warbler								1CW				2								2
Yellow-rumped Warbler	5	9	43	23		163	21	7	7		50	36	16	1		5			24	410
Townsend's Warbler			12			21					11			CW					19	63
Black-throated Green Warbler						1 CW		1CW				7								7
Canada Warbler								5				31								36
Wilson's Warbler		1	5	1		37		1			5	1	1	1					20	73
Yellow-breasted Chat															1	3				4
Warbler species												10			2					12
Spotted Towhee						3	1							10	29	9	1			53
Black-throated Sparrow																				0
American Tree Sparrow							2				1		12		2					17
Chipping Sparrow	8	9	111	495	4	356	38	41	6	4	41	189	36	12	76	23	1		11	1461
Clay-colored Sparrow	1		9	209	27	1422	154	55	13	3	22	98	44	27	93	33	7	6	13	2236
Brewer's Sparrow				1													3			4
Vesper Sparrow		2	4	468		183	36	10			27			18	69	190	33		6	1046
Lark Sparrow				6			1					1			15	2	2			27
Lark Bunting				8										CW	4	1				13
Savannah Sparrow	4		4	397	4	1131	90	20	1		71	23		17	32	102	31	10	4	1941
Grasshopper Sparrow				7													10			17
Baird's Sparrow				9											3	6				18
Le Conte's Sparrow			1			40		5	2			15								63
Nelson's Sparrow						7														7
Fox Sparrow			3			1					1								6	11
Song Sparrow	2		2	23		230	52	53	4	2	12	32	94	5	14	3	2	1	3	534

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Coy Lake	Crooked	Crows	Ft. McM.	LLBiche	Lethb.	Med.Hat	Milk R	Tab-Vax	Wakomao	Waterton	Totals	
Lincoln's Sparrow	1	3	11	8		199	2	8	4		13	42	5	1	2				8	307	
Swamp Sparrow						8		14	4			17									43
White-throated Sparrow		2	17	2		194	23	94	26	11	1	361	109					1	CW	841	
Harris's Sparrow				1																	1
White-crowned Sparrow		4	41	4		82	14				47	11	2			4			26	235	
Golden-crowned Sparrow																					0
Dark-eyed Junco		5	25			55	5	2	1	1	13	6			2				10	125	
Sparrow species						106									18	30					154
Scarlet Tanager																					0
Western Tanager			3	2		9		6	1	3	2	27	1						3	57	
Northern Cardinal																					0
Rose-breasted Grosbeak			2	CW		57	8	6	11	3		21	23								131
Black-headed Grosbeak		2				1													7	10	
Lazuli Bunting											2				9				20	31	
Indigo Bunting																					0
Dickcissel (uncoroborated)																					0
Bobolink						8										4					12
Red-winged Blackbird	6	33	98	1784	99	4514	778	523	35	5	200	228	201	219	355	805	164	8	16	10071	
Western Meadowlark			2	1111	4	294	56	7	1		59		6	43	378	392	52		2	2407	
Yellow-headed Blackbird		2		1603	52	1863	123	85			18		14	110	94	419	165	2	5	4555	
Rusty Blackbird								1					4								5
Brewer's Blackbird			1	701	24	1024	290	32	3		108	8	2	45	260	125	42	4	12	2681	
Common Grackle				652		143	14	4			5	25	2	82	442	89	89		CW	1547	
Brown-headed Cowbird	2	14	54	1369	2	1225	50	16	11	2	107	3	88	76	48	561	90	25	51	3794	
Bullock's Oriole								3					2			1					6
Baltimore Oriole				34	1	129	29		1	3				24	15	2	9		1	248	
Blackbird species				300		25						2				400					727
Gray-crowned Rosy-Finch																					0
Pine Grosbeak													9						1	10	
Purple Finch			1			5	8	9	1	5		3	4								36
Cassin's Finch											20								7	27	
House Finch				8		110	27	1			9			19	76	9	12				271
Red Crossbill						2													3	5	
White-winged Crossbill						3							3						4	10	
Common Redpoll													27								27
Hoary Redpoll													1								1
Pine Siskin		16	35			95	8	6	2	10	95	4	38						32	341	
American Goldfinch		4	1	11	4	222	44	16	4	2	4	1	21	17	57	12	2		5	427	
Evening Grosbeak		4				51	2	5		1		2	11								76
Grosbeak species																					0

	Banff	Beau.L	BowKan	Brooks	Buff. L	Calgary	Cent. AB	Cold L	Coy Lake	Crooked	Crows	Ft. McM.	LLBiche	Lethb.	Med.Hat	Milk R	Tab-Vax	Wakomao	Waterton	Totals
House Sparrow	1		3	642	CW	700	100	23			10	16	16	56	221	223	158			2169
total # individuals (count days)	168	315	1654	35791	1130	68796	10381	19997	577	196	2957	4423	2573	4856	8625	13847	7683	616	1091	185676
total # species (count days)	49	62	113	156	48	208	143	144	83	46	135	131	122	120	128	128	116	52	123	271
total # of individual cw			4			2	5	11	3					9						
total # species cw		4	6	3	1	2	1	9	2		5	3					2		4	