Year	1997	1998	2000	2001	2002	2003	2004 Cumul	2005 Cumul	2006 Cumul	2007 Cumul	2008 Cumul	2009 Cumul	2010 Cumul	2011 Cumul	2012 Cumul	2013 Cumul	2014 Cumul	2015 Cumul	2016 Cumul	2017 Cumul	2018 Cumul	2019 Cumul	2020 Cumul	All year tot	Average	High Ct	Year
Date	18-Jan	17-Jan	22-Jan	20-Jan		18-Jan	17-Jan					17-Jan	16-Jan	15-Jan	22-Jan	19-Jan	18-Jan	17-Jan	16-Jan	21-Jan	20-Jan	19-Jan	18-Jan				Date
Time	8:00-12:30	8:00-12:00	8:00-12:30	8:00-12:30		8:00-12:30	7:45-12:15					730-1215	7:30-12:00	7:30-12:15	7:30-12:15	0700-1215	0715-1215	0730-1215	0715-1215	0715-1215	0730-1215	0715-1215	0715-1215				Time
Temp at start	12 F	30 F	6 F	29 F		6F						-2	45	13	7	22	25	10	37-47	38	20	30	26				Temp at start
Cloud cover	0	0.9	0	1		0						20%	50 then 5%	100%	0%	0 to 70%	100%	0%	100-30%	100%	80%	100%	100%				Cloud cover
Wind	10-20W		10-20W	Calm		0-5NW						calm	calm	calm	calm	calm	5-15NE	0-3 NW	calm	calm	0-5	0-7 E	0-10 SE				Wind
Precipitation	None	None	None	Lt. snow		None						none	none	none	none	none	Light Snow	none	trace	fog	none	none	Snow				Precipitation
Visibility	Clear	Good	Clear	<1 mile		Clear						excellent	excellent	excellent	excellent	excellent	10 mi	unlimited	variable	≤ 1 mile	excellent	good	good to poor				Visibility
# of Observers	2	1	3	2		3						10	14	11	9	14	14	11	8	11	11	11	9				# of Observers
Species							**Cumulative Total**																	**SUM**	**Mean**	**High Ct**	**Species**
Mute Swan					1			3	5	3			5			1	1	1	1	1	1	2	1	26	1	5	Mute Swan
Snow Goose								10020	4116		910			3700		450	120	10000	8040	410	10000	900	1	48667	2116	10020	Snow Goose
Canada Goose				6	153	55	20	0	838	2008	53	431	1258	969	191	216	265	239	313	317	84	52	146	7614	331	2008	Canada Goose
Cackling Goose																		1						1	0	1	Cackling Goose
Wood Duck																1	1			2				4	0	2	Wood Duck
Mallard	28	65	80	126	117	20	272	79	61	76	179	154	326	135	223	250	179	149	94	253	156	132	177	3331	145	326	Mallard
Black Duck						1			1	2	6	3	24	4	15	12	20	6	16	16	16	3	11	156	7	24	Black Duck
American Wigeon													1											1	0	1	American Wigeon
Common Goldeneye											6	2		19	5	11		8	1					52	2	19	Common Goldeneye
Bufflehead											8	5	13		27	14	11		2	4	1			85	4	27	Bufflehead
Redhead															2		3							5	0	3	Redhead
Rind-necked Duck																	1							1	0	1	Ring-necked Duck
Hooded Merganser									9	24	27	9	48	6	28	16	10		2	9	2		2	192	8	48	Hooded Merganser
Common Merganser				1			6	3	6	4	3	4	8	4	4	4	11	10	1	9	6	2	3	89	4	11	Common Merganser
Black Vulture							2								2	3	3		2		2	1		15	1	3	Black Vulture
Turkey Vulture																2	1				6	3		12	1	6	Turkey Vulture
Northern Harrier								1								1					2			4	0	2	Northern Harrier
Bald Eagle			1							1	1		1				1	1	1		1	1	3	12	1	3	Bald Eagle
Sharp-shinned Hawk					1	1			1	1	3	1	2	1		1	1	1	1		1			16	1	3	Sharp-shinned Hawk
Cooper's Hawk			1						1	1			2	2	1		1	1	1	3	2			16	1	3	Cooper's Hawk
Northern Goshawk																	1							1	0	1	Northern Goshawk
Red-tailed Hawk	4	2	2	6	1	11	8	12	6	12	11	7	14	15	10	19	4	12	15	11	6	10	7	205	9	19	Red-tailed Hawk
Rough-legged Hawk														1										1	0	1	Rough-legged Hawk
Golden Eagle								1																1	0	1	Golden Eagle
Merlin									1							1	1		1	1		1		6	0	1	Merlin
American Kestrel		3			1			1		1	3	1	1	2	2	2	4	2	1	3	5	2	1	35	2	5	American Kestrel
Peregrine Falcon														1			1		1					3	0	1	Peregrine Falcon
Ring-necked Pheasant	1		1							2			1			1			1	1		1		9	0	2	Ring-necked Pheasant
Wild Turkey					1			52		8	3			147	3	1	94		110	131			87	637	28	147	Wild Turkey
Great Blue Heron																2				1		2		5	0	2	Great Blue Heron
American Coot								2																2	0	2	American Coot
Ring-billed Gull				3		2	1	2		3	1	3			1		60						1	77	3	60	Ring-billed Gull
Herring Gull	1				1		1			1			3	3	2	1	3	1			6			23	1	6	Herring Gull
Rock Pigeon	9	1	59	18	219	61	225	308	210	153	340	125	153	262	337	170	346	240	301	81	49	154	123	3944	171	346	Rock Pigeon
Mourning Dove	1	66	38	63	26	6	55	55	91	75	126	42	58	46	118	77	122	41	233	347	153	167	62	2068	90	347	Mourning Dove
Belted Kingfisher			2					1	1	1	2		1	3		1		1		2		1	1	17	1	3	Belted Kingfisher
Red-bellied Woodpecker	2	3	2	7	8	10	7	6	7	5	5	9	8	6	4	5	8	12	6	10	12	11	5	158	7	12	Red-bellied Woodpecker
Yellow-bellied Sapsucker				1			2					1						1		1	2		2	10	0	2	Yellow-bellied Sapsucker
Downy Woodpecker	2	9	3	7	9	10	6	8	10	8	8	19	11	15	8	8	10	19	9	30	9	5	9	232	10	30	Downy Woodpecker
Hairy Woodpecker				1					4	3	2	2	1	2	1	2		4	2	3	7	2	2	38	2	7	Hairy Woodpecker
Northern Flicker		4		1	2	4	3	3	1	1	5	6	4	2	2	2	4	2	2	2	2	2		54	2	6	Northern Flicker
Pileated Woodpecker									1		1	1	1	2	2	1		2	1		3	2	1	18	1	3	Pileated Woodpecker
Eastern Phoebe				1											1		1							3	0	1	Eastern Phoebe
Blue Jay	4	2	5	12	37	39	17	23	41	1	29	17	47	72	7	32	18	30	13	7	20	16	18	507	22	72	Blue Jay
Fish Crow														1		2	1	1	1		1			7	0	2	Fish Crow
American Crow	63	23	48	81	97	86	37	90	148	231	87	126	501	136	73	146	51	185	203	178	130	277	289	3286	143	501	American Crow
Common Raven					1				1		2			1			6		2		2			15	1	6	Common Raven
Horned Lark			1				96	100	300	101	115	100	18	271	76	186	124	140	43	35	67	20	75	1868	81	300	Horned Lark
Black-capped Chickadee		13	21	14	63	35	37	47	53	34	33	26	26	24	7	27	15	27	19	40	18	13	14	606	26	63	Black-capped Chickadee
Tufted Titmouse	5	12	7	18	35	40	30	21	22	20	23	32	25	23	14	29	18	34	24	50	34	17	8	541	24	50	Tufted Titmouse
Red-breasted Nuthatch						3			1							1				1				6	0	3	Red-breasted Nuthatch
White Breasted Nuthatch	1	3	5	15	18		8	11	17	9	13	7	9	6	4	14	7	14	7	17	6	10	8	209	9	18	White Breasted Nuthatch
Brown Creeper			1				1					1	4	1	1	2				1	1		1	14	1	4	Brown Creeper
Carolina Wren				2	2	4	3	4	8	3	4	6	6	8	4	3	6	2	5	20	5	11	9	115	5	20	Carolina Wren
Winter Wren							1									1					1			3	0	1	Winter Wren
Golden-crowned Kinglet			1	1	1	1	1	2			1	1	17	5		4	1	1	2	4	3	3	1	50	2	17	Golden-crowned Kinglet
Ruby-crowned kinglet					1						1		1										2	5	0	2	Ruby-crowned kinglet
Eastern Bluebird		3	43	11	14	19	11	31	25	24	24	11	19	14	4	23	10	25	8	44	18	11	24	416	18	44	Eastern Bluebird
Hermit Thrush											1							2	1					4	0	2	Hermit Thrush
Amercian Robin					1		1	52	20	1	1		40	41		1	1	9	11	39	50	1		269	12	52	Amercian Robin
Northern Mockingbird			1	5	3	2	11	5	3	4	5	9	10	6	11	4	3	2	3	6	3	2		98	4	11	Northern Mockingbird
European Starling	112	212	46	34	136	102	257	446	259	264	512	357	604	481	501	771	507	682	785	605	307	520	181	8681	377	785	European Starling
American Pipit								1	1						1				2					5	0	2	American Pipit
Cedar Waxwings					39			22	22									25			23	20		151	7	39	Cedar Waxwings
Yellow-rumped Warbler		8					1												1	1		1		12	1	8	Yellow-rumped Warbler
																	1							1	0	1	Eastern Towhee
American Tree Sparrow	4	4	21	7	16	41	13	3	18	10	10	6	4	9	10	6	30	20	50	21	2		2	307	13	50	American Tree Sparrow
Chipping Sparrow													1											1	0	1	Chipping Sparrow
Field Sparrow														1	3	7	3							14	1	7	Field Sparrow
Savanna Sparrow												1		1										2	0	1	Savanna Sparrow
Song Sparrow			4	7	4	6	5	11	10	9	3	17	5	14	14	17	18	21	12	22	10	6	10	225	10	22	Song Sparrow
Swamp Sparrow				1	1		2							1	5	2		1	1	3	3	1		21	1	5	Swamp Sparrow
White -throated Sparrow	4	8	19	7	16	5	12	14	5	45	6	9	12	21	45	12	31	38	31	49	53	13	89	544	24	89	White -throated Sparrow
White-crowned Sparrow																9			2					11	0	9	White-corwned Sparrow
Fox Sparrow																1								1	0	1	Fox Sparrow
Dark-eyed Junco	70	5	135	81	135	63	149	375	97	370	170	261	60	301	160	167	161	140	110	290	248	3	205	3756	163	375	Dark-eyed Junco
Snow Bunting								15								13	1	8						37	2	15	Snow Bunting
Northern Cardinal	5	6	9	28	26	21	38	31	21	36	22	32	9	28	26	27	20	21	16	37	30	33	36	558	24	38	Northern Cardinal
Eastern Meadowlark															1									1	0	1	Eastern Meadowlark
Red-winged Blackbird			24				1	1	30	1	3		7		2	1			1					71	3	30	Red-winged Blackbird
Common Grackle								1	1	1	1		40			13								57	2	40	Common Grackle
Brown-headed Cowbird									3	1		1				5			1					11	0	5	Brown-headed Cowbird
House Finch	2	33	7	58	68	32	27	44	31	45	24	36	35	53	31	21	38	71	36	85	54	34	54	919	40	85	House Finch
Purple Finch											2	1		1				2						6	0	2	Purple Finch
White-winged Crossbill																9								9	0	9	White-winged Crossbill
Common Redpoll											10					42								52	2	42	Common Redpoll
Pine Siskin					4							28						20						52	2	28	Pine Siskin
American Goldfinch	2	6	3	30	37	11	9	12	12	20	7	64	28	15	2	9	5	45	18	26	12	11	32	416	18	64	American Goldfinch
House Sparrow	15	17	3	23	22	74	43	28	22	120	42	73	46	82	18	61	40	65	25	32	114	47	64	1076	47	120	House Sparrow
																								0	0		
Total Birds	**335**	**508**	**593**	**676**	**1317**	**765**	**1419**	**11947**	**6541**	**3743**	**2854**	**2047**	**3518**	**6964**	**2009**	**2943**	**2404**	**12385**	**10591**	**3261**	**11749**	**2526**	**1767**	**92862**	**4037**		**Total Birds**
Total Species	**20**	**23**	**30**	**32**	**37**	**29**	**38**	**43**	**45**	**44**	**49**	**43**	**48**	**50**	**47**	**63**	**55**	**50**	**55**	**48**	**51**	**44**	**40**	**984**	**43**		**Total Species**
Total birds minus geese	335	508	593	670	1163	710	1399	1924	1582	1732	1891	1616	2255	2295	1818	2275	2017	2144	2237	2531	1664	1572	1619	36550	1589		Total minus geese
Year	**1997**	**1998**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**All year tot**	**Average**		**Year**