

The temperature on count day started out near zero, with a light breeze under a slightly overcast sky and by mid-afternoon had risen to 23°C, with moderate breezes and clear sky. With Covid restrictions having been eased fewer teams were split up and party hours, which have been elevated the last two years, have returned to the normal range.

All counts in this narrative have been corrected for effort<sup>1</sup>, so valid comparisons can be made between years. Corrected counts compared to the long-term average (LTA) appear in brackets. The original counts (ie uncorrected) are shown in the accompanying tables.

The species count this year was above average at 155, but the total bird count set a new low (63% of LTA), primarily due to a near total absence of Snow Geese (2% of LTA). With a single-day snapshot it can be difficult to separate changes in abundance from changes in migration timing due to climate change. However, Snow Geese are among the most abundant species on the continent, so it appears that the timing of their migration has shifted. While spring migration has generally shifted earlier by a few days, a recent study found that fall migration has been extended by over two weeks, with early migrants leaving earlier and late migrants leaving later. As a late migrant, it appears that count day caught only the early stage of Snow Goose migration.

The counts for resident grebes were low, especially Pied-billed Grebe (12% of LTA), Horned Grebe (14% of LTA), and Eared Grebe (7% of

LTA). The spring count also showed low and declining counts especially for Pied-billed and Horned Grebe.

The total duck count was 87% of the LTA, but American Wigeon count (20% of LTA) declined for the third year in a row. The gamebird count was low (37% of LTA) but this tends to be highly variable from year to year, so is not unexpected. The warbler species count was seventeen, above the LTA of 15, but the total warbler count (37% of LTA) was the lowest since 2014. Yellow-rumped Warbler (37% of LTA) dominate the count and eBird data indicate that their numbers are highest in the last three weeks of September, so count day probably preceded the peak.

New high counts were set for Turkey Vulture (394% of LTA), which has been in a long-term rising trend, Blue Jay (187% of LTA) and Horned Lark (456% of LTA). The latter count was primarily due to a flock of 200 seen in SE/C.

A Whooping Crane was spotted this year, the fourth one in the last five years. Prior to that only two had been seen in 23 years. Also, six Black-necked Stilts were seen for the first time on the fall count. They have normally departed by the end of the first week in September.

Thank you to all participants for your continued support of the SNS fall count.

John Patterson and Stan Shadick

---

<sup>1</sup> Corrected count = Raw count x Average party hours (1995-2021) ÷ Party hours (2022).

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8
62	57	67	40	67	79	84	28	32	24	76	15	44	38	38	52	30	25	Total Species	155	166	166	159	149	141	148	142	153	157	150	147	167	131	171	158	
10.7	7.5	9.8	6.8	10.0	16.6	9.5	2.8	7.5	1.9	15.6	4.0	11.9	7.6	8.0	6.0	8.4	3.0	Total Party Hours	147	156	163	143	124	140	149	143	126	152	138	137	166	137	149	150	
2	1	3	1	2	3	1	2	2	2	4	2	3	2	4	1	2	1	Participants	35	38	45	34	34	33	44	40	34	45	42	39	35	35	48	43	
																		• Goose sp. •										275		40		3			
	7			27						31								Snow Goose	155	4094	20506	3076	3565	26087	713	4823	3636	12536	716	5903	1078	4963	2992	16812	
						14												Ross's Goose	14	2445			51	473	20	150	30	684		80		1674	30	153	
	40		3	97		140				10								Greater White-fronted Goose	290	517	1219	217	136	599	22	263	441	319	204	199	195	479	876	310	
				132		18				18								Cackling Goose	168	109	234	119	50	412	102	22	96	210	25		58	24	60	20	
659	569	253	48	714	37	220	275	306	20	219	2	24	47	23	27	12	137	Canada Goose	3592	3978	12625	8063	1889	3170	2737	3844	2239	5967	3285	3178	1825	3669	4208	2532	
																		Tundra Swan		4	33	4	4	1	1		2			2	1	3	7	6	
50				583	1080			1					24					• Duck sp. •	1738	57	63	1205	982	5040	835	1510	1931	2230	2190	4795	3727	2745	2	1080	
																		Wood Duck		21							4		7				3		
27	241			82	59	90	1			26			9		3		50	Blue-winged Teal	588	413	797	437	822	683	559	297	345	496	591	465	719	731	1320	1084	
																		Cinnamon Teal																	
33	5	2		61	110	205				4								Northern Shoveler	420	480	760	1085	376	575	209	300	417	197	416	403	1242	1978	599	765	
	17			58	31	74				11			5				2	Gadwall	198	161	58	92	170	184	265	216	144	240	186	202	667	560	513	793	
2				9	21	8		1		4			1					American Wigeon	46	106	275	323	85	65	219	174	121	139	198	149	1115	123	189	352	
10	675	14		209	181	380	17	59	2	44			96	14	6	5	49	Mallard	1761	1198	3161	2987	2151	1572	1323	469	709	589	1887	1059	951	3608	1814	1300	
																		American Black Duck																	1
	278	2		4		14												Northern Pintail	298	56	78	289	99	100	187	55	18	76	430	50	74	237	89	51	
7	29		6	50	2	11				19								Green-winged Teal	124	55	79	32	57	46	174	94	23	62	58	30	29	93	63	93	
7	29		6	50	2	11												Canvasback	105	621	171	558	173	398	2093	407	204	75	72	61	66	6	26	36	
	16	3			12	40												Redhead	71	261	105	105	162	99	726	262	28	25	56	70	268	8	44	57	
				4														Ring-necked Duck	4	1	43	55	253	12	3	11	9	25	104	55	207	35	3	12	
																		Greater Scaup		3															
2	39			146	50	9				5							12	Lesser Scaup	263	68	142	75	609	204	502	167	107	109	313	225	137	50	224	100	
																			White-winged Scoter																
1				3	3	24												Bufflehead	31	59	217	18	48	81	329	102	28	35	89	57	74	134	84	136	
	3																	Common Goldeneye	3	85		15	65	1	2	1		69	3	12	19	18	3	5	
						1												Hooded Merganser	1	3	17	28	29	26	14	31	1	16	21	31	19	4	13	22	
		21																Common Merganser	21	24	41				2	13	4	11	3		4	51	4	3	
																		Red-breasted Merganser																	
	74			3	251	12				2								Ruddy Duck	342	555	368	501	436	192	780	302	248	652	375	416	460	308	2755	1421	
																		Gray Partridge		1	54	33	37	42	75		14		13	6	14			28	
			1															Ruffed Grouse	1	9	2			1	1		2	3			1	3		2	
	11																	Sharp-tailed Grouse	11	5	15	17		9			3	4		1		4		33	
																		• Grebe sp. •									4				6				
	2		1	2	1	1												Pied-billed Grebe	7	33	26	12	52	33	108	69	86	99	105	85	125	46	129	93	
				2						3								Horned Grebe	5	8	9	11	16	14	41	57	62	183	91	64	54	18	11	38	
4					1	1												Red-necked Grebe	6	13	13	10	15	13	11	20	21	12	4	16	3	15	9	2	
					2	2												Eared Grebe	4	39	35	26	14	39	102	79	98	166	43	42	140	69	123	81	
																		Western Grebe			1	7	11	4	4	9	11	1	2		8	16	19	26	
																		Clark's Grebe																	1
29	80	20		25	7	40	41	69	3	6	11	10	16	21	17	160	51	Rock Pigeon	606	1035	666	591	871	406	945	890	543	658	509	547	1111	1253	1434	627	

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8
					1			2										<b>Eurasian Collared-Dove</b>	3	15	14	5	6	11	8		6	5		1	5				
18	13	32	4	42	66	36				2								<b>Mourning Dove</b>	213	147	311	191	375	249	172	263	308	292	145	184	200	97	528	140	
																		Common Nighthawk				5	3	1					2	1			1		
																		• Hummingbird sp. •										1							
																		Ruby-throated Hummingbird		2	2	2				1		1		1		1	2		
																		Sora			9		1			1	8	11	13	5	1	1	9		
4	36	5			118	11												<b>American Coot</b>	174	1109	241	96	2048	1026	4212	3242	1512	3709	3580	4466	4625	1594	12914	13673	
210	140	284	10	234	93	370				33			17	5				<b>Sandhill Crane</b>	1396	2702	3187	5522	6787	1375	2241	2957	1203	3091	935	258	688	1474	1454	998	
						1												<b>Whooping Crane</b>	1		2		1										1		
																		• Large Shorebird sp. •																	
	6																	<b>Black-necked Stilt</b>	6																
	38			9		1												<b>American Avocet</b>	48	61	92	40	65	36	11	32	10	60	8	22	20	3	69	56	
						1												<b>Black-bellied Plover</b>	1	1	5			5		2		3	4		2	3	1		
																		American Golden Plover				1	4					3	1						
																		Semipalmated Plover		38	3	4				2		17		1		25	12	2	75
																		Piping Plover																	
40	7	5		35	28	8		1		3			1					<b>Killdeer</b>	128	55	150	165	160	133	113	130	142	197	80	89	68	164	160	95	
																		Upland Sandpiper									1								
																		Hudsonian Godwit				2						1		1	6		1		
				1														<b>Marbled Godwit</b>	1			4				2		4		16			2	2	
																		Ruddy Turnstone																	
																		Red Knot																	
				15														<b>Stilt Sandpiper</b>	15	6	1	145				10		118		11	8		2		
																		Sanderling		8					1	75	7	1		10		2	2		
																		Dunlin																8	
					100	25												• Peep sp. •	125	52	20	67	60			2	75	3	68	6	43	100	5	74	
6				12	52	4												<b>Baird's Sandpiper</b>	74	8	20	195	8		6			5		6	7	11	23		
					6													<b>Least Sandpiper</b>	6		26	11	7	24	10			4	6		2	25	1	1	
																		White-rumped Sandpiper				8												1	
1				17														<b>Pectoral Sandpiper</b>	18	7	5	9		7	3		2	10	8	8	11	2	36	18	
		1		20	1													<b>Semipalmated Sandpiper</b>	22	1	77	201	21	60		10	5	40		17	28		52	42	
				49														• Dowitcher sp. •	49	9	5	42	5	236				102		7	13		51	43	
																		Short-billed Dowitcher										50				50	62		
	18																	<b>Long-billed Dowitcher</b>	18	34		8	83	17	41	2		51		140	108	226			
						2				1								<b>Wilson's Snipe</b>	3	21	7	6	13	41	15	12	7	28	5	3	4	5	22	37	
																		Wilson's Phalarope		3	9	10	1			14	8	23		70	4		150	266	
33					4													<b>Red-necked Phalarope</b>	37	4	69	19		50	100	500		100		91	1	16	19	55	
1										2								<b>Spotted Sandpiper</b>	3	5	4	13	1	18		1	3	19	10	8	7		20	4	
																		Solitary Sandpiper		4		1	1		1	3	5	5	4	3	1	4	6		
																		• Yellowlegs sp. •				6													
1	13	4	2	28	152	4	1	3		4			6		1			<b>Greater Yellowlegs</b>	220	64	45	50	68	60	91	48	59	113	96	79	75	90	153	98	
																		Willet			1	1			1			1	3	2	2	1	7	21	
8	19	2		27	2	9				2								<b>Lesser Yellowlegs</b>	69	61	127	101	50	35	44	56	17	60	100	122	80	77	148	83	
																		Sabine's Gull										1							

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8
					1													<b>Bonaparte's Gull</b>	1	74	39	153	13	3	5		3	5	1	2	17	6	411	51	
																		Little Gull																	
33	375			67	891	415			1	13			90		10	75	550	<b>Franklin's Gull</b>	2520	6932	2183	3079	3499	1712	259	1617	391	1780	3253	677	614	1276	1465	593	
					500			42	150			2	32	300				• White-headed Gull sp. •	1026	633	888	1187	4562	683	998	2113	2270	436	1604	5470	5201	224	316	283	
450	30	8		210	569	56	3	7	100	178	5	52	11	114	770	2200	39	<b>Ring-billed Gull</b>	4802	2235	2808	2124	1215	2354	1205	1476	1887	2755	1403	764	3830	1963	2018	3010	
					4					51		1			45	22		<b>California Gull</b>	123	66	25	11	22	15	7	27	38	77	20	146	281	26	23	7	
					1					1					1	12		<b>Herring Gull</b>	15	9	65	3	5	3	20	63	16	5		5	17	4	6	10	
																		<b>Black Tern</b>	1				3			25	2	4	1	75	33		93	2	
																		Common Tern					3				2		7		1	56	6	3	
																		Forster's Tern			8	4	10			1		5	1		6			2	
																		Common Loon		4					1			2						1	
																		Yellow-billed Loon																	
3				14	10	65	1	6	12	15		1			13	2		<b>Double-crested Cormorant</b>	142	441	361	417	244	828	352	303	69	189	91	155	439	330	189	262	
				2	72	7				1					2			<b>American White Pelican</b>	84	80	81	68	170	89	35	158	59	145	80	96	102	59	55	52	
																		American Bittern											5						
		2	2				1											<b>Great Blue Heron</b>	5	28	15	7	24	4	30	10	7	15	14	5	11	5	15	17	
														1				<b>Black-crowned Night-Heron</b>	1	3		4	7	6	3	1		7	1	2	3	1		1	
	2	1		1	4	1								1	5			<b>Turkey Vulture</b>	15	10	15	7	3	11	6	5	7	12	3		5	4	5	2	
1		1			1				1	1								<b>Osprey</b>	5	1	2	3	4	3	7	7	1	6	1	2			2	2	
																		Golden Eagle																1	
																		• Hawk sp. •							2	8									
8	4			6	3	2												<b>Northern Harrier</b>	23	10	21	27	20	28	29	25	27	24	23	39	41	26	51	43	
					1													• Accipiter sp. •	1		1							1			2		1		
3	3			1	1	1	2			3								<b>Sharp-shinned Hawk</b>	14	9	11	7	4	6	12	15	9	9	5	6	16	2	17	10	
	2				4				1	1		1			2			<b>Cooper's Hawk</b>	11	6	6	5	3	3	8	4	5	9	8	3	7	7	13	4	
					1													<b>Northern Goshawk</b>	1							1	2								
																		Bald Eagle		10	13	16	6		2	7	1	5	2	1	13	4	4	1	
																		• Buteo sp. •				1	4		11		7	4		4	1	7	3		
	1	1													1			<b>Broad-winged Hawk</b>	3	2	8	3			2	3	2		2	2	212	3		1	
4	17	12		7	23	5				2				1	2			<b>Swainson's Hawk</b>	73	81	76	67	101	73	65	36	71	134	85	75	81	79	93	66	
	6	8		8	10	14												<b>Red-tailed Hawk</b>	46	102	81	77	67	74	140	71	85	70	66	89	130	76	120	87	
										1								<b>Rough-legged Hawk</b>	1		1					1			1			1	1		
																		Ferruginous Hawk					1							1		1	2		
1		2				1												<b>Great Horned Owl</b>	4	9	8	5	3	1	2	5	1	3	2	3	6	3	5	9	
																		Short-eared Owl																	
2		1	1		3				4	1					1			<b>Belted Kingfisher</b>	13	11	19	15	15	8	16	15	7	16	9	7	15	10	12	12	
																		• Woodpecker sp. •				1					1								
	2																	<b>Yellow-bellied Sapsucker</b>	2	5	29	6		2	7	4	3	4	4	6	20	2	6	8	
																		American Three-toed Woodpecker										1							
					1													• Downy/Hairy Woodpecker •	1																
3	1	1			1		2	3		6	1	2	1		2	3	1	<b>Downy Woodpecker</b>	27	33	27	32	19	16	19	12	10	24	14	8	18	15	13	10	
2		1	4		1	1		2		3		2	1	1	2	2		<b>Hairy Woodpecker</b>	22	25	24	18	9	3	10	15	7	12	13	12	7	11	13	12	
																		Pileated Woodpecker		1	1	1			2	8				4	1				
6		7	3	11	19	7	5	11	6	22	6	46	11	5	3	8	1	<b>Northern Flicker</b>	177	189	408	155	71	107	142	135	137	279	240	202	298	127	295	239	

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8				
																		• Small Falcon sp. •																					
7		4		4	11										3	1		<b>American Kestrel</b>	30	41	55	33	46	14	43	42	25	33	65	14	29	14	51	16					
		1			3	1											1	<b>Merlin</b>	20	24	28	17	26	15	28	27	14	22	21	11	32	4	34	15					
																		• Large Falcon sp. •																					
		1																<b>Peregrine Falcon</b>	3		3	8	4	2	3	2	5	2	6	1	4	4	1						
																		Prairie Falcon			1		1																
																		Olive-sided Flycatcher		1			2																
																		Western Wood-Pewee			3	1		1															
																		• Empidonax sp. •	1	3	5	5	12	5	1	2	16	6	3	6	22	2	9	13					
		1																<b>Yellow-bellied Flycatcher</b>	1		1	1																	
																		<b>Alder Flycatcher</b>	2								2	1											
		3																<b>Least Flycatcher</b>	10	5	13	10	9	3	3	2	14	12	8	6	35	4	26	8					
		1																<b>Eastern Phoebe</b>	2	1	3	4	3	1	1	1	8	1	1	1	8	5	7	5					
																		Say's Phoebe																					
																		Great Crested Flycatcher				2																	
																		Western Kingbird				2	1			1	6	1	2										
																		<b>Eastern Kingbird</b>	4		3	4	9	3	7	2	21	10	10	2	3	1	9	20					
																		• Vireo sp. •	2																				
																		Yellow-throated Vireo																					
																		<b>Blue-headed Vireo</b>	2		5	2			1	1	4	3											
		1																<b>Philadelphia Vireo</b>	1		1	2	1	2	2	1	3	1											
																		<b>Warbling Vireo</b>	3	2	4	5	4	4	6	2	7	4	5	4	5								
		3																<b>Red-eyed Vireo</b>	4	6	15	25	10	6	3	3	17	17	4	5	10	1	5	7					
																		• Shrike sp. •																					
		2																<b>Loggerhead Shrike</b>	3	1	1				1														
																		Northern Shrike																					
9	1																	<b>Blue Jay</b>	122	106	103	97	86	51	100	60	90	62	49	45	68	30	96	44					
34	29	24																<b>Black-billed Magpie</b>	378	587	623	440	374	314	396	329	444	333	430	195	194	227	343	175					
207	32	131																<b>American Crow</b>	1142	647	975	930	632	695	1021	1655	592	527	771	679	448	613	1102	244					
4	2	10																<b>Common Raven</b>	72	119	150	91	56	64	67	77	78	71	43	62	88	49	59	28					
30	2	15																<b>Black-capped Chickadee</b>	402	399	483	396	415	387	569	352	305	305	434	334	345	337	347	216					
		2																<b>Horned Lark</b>	228	170	51	21	57	106		4	3	4	31	52	10	65	9	20					
																		• Swallow sp. •				10																	
																		Purple Martin		4																			
																		Tree Swallow		17		1	3	30		1													
																		Bank Swallow		4	9		1	62			155	1											
15	38	22																<b>Barn Swallow</b>	218	204	57	459	386	163	146	78	377	569	341	416	382	701	621	513					
																		Cliff Swallow				1																	
																		Golden-crowned Kinglet								1													
		4																<b>Ruby-crowned Kinglet</b>	8	5	37	4	5	7	3	6	1	7	1	1	21	4	1	2					
5		2																<b>Red-breasted Nuthatch</b>	193	62	191	129	51	54	192	94	52	46	241	63	71	110	54	97					
																		<b>White-breasted Nuthatch</b>	6	7	10	6	8	6	13	6	2												
																		Brown Creeper							1														
		5																<b>House Wren</b>	19	25	30	38	22	16	13	15	45	36	24	26	33	12	33	30					



Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8	
																		Baird's Sparrow																		
		1	1		1	1		2				1			2			Song Sparrow	9	18	23	13	6	7	16	3	6	13	20	9	20	10	28	9		
		5				3	3			2		2		1	1			Lincoln's Sparrow	17	25	52	6	3	7	8	11	62	24	14	12	39	7	40	9		
			1							1								Swamp Sparrow	2	12	7			1	2	2			5	1	3	1		2		
4		6	4												1			Spotted Towhee	15	12	4	11	5	1	7	12	3	7	10	10	11	8	11	21		
		1										13						• Blackbird sp. •	14		130	9	1530		131	625	80	400				166	130	800		
	16				3													Yellow-headed Blackbird	19	10	310	55	12	169	94	620	220	417	17	12	405		620	1264		
1	7	15	6	14	16	14				4								Western Meadowlark	77	181	287	80	48	76	54	30	36	40	24	39	60	65	27	78		
																		Baltimore Oriole																		
1	31		1			3							1	1	13			Red-winged Blackbird	51	35	479	122	768	1356	368	627	219	57	21	163	8	2	167	293		
				2														Brown-headed Cowbird	2		4	20	7		4	2			3		1					
		9																Rusty Blackbird	9	2		1													27	
26		1		438	670	90					23	18						Brewer's Blackbird	1266	6403	690	1160	1386	2243	3832	478	1994	4101	565	535	1372	687	733	892		
5				2	30					14	3	345	12	6		15		Common Grackle	432	418	248	132	623	320	35	185	108	275	94	297	566	7	125	113		
		1					3	16		3		4	1					• Warbler sp. •	28	134	194	242	11	4		31	30	47	125	37	246	37	137	62		
															1			Ovenbird	1	5	9	2	3	2	2	1	6	5	1	1	10	1	4	4		
										2								Northern Waterthrush	2	3	8	5	2		3	1	4	3	2	3	4	7	9			
								1			1							Black-and-white Warbler	2	5	10	3	4	7	1		3	6	2	3	15		4	4		
		3			2	4	1			1	10		1	1				Tennessee Warbler	23	18	129	61	26	15	29	9	30	76	33	10	50	4	38	74		
1		5			6			1	5	9		2	1		2			Orange-crowned Warbler	32	96	231	136	60	53	32	45	26	90	23	33	184	44	27	61		
		2								1	1							• Nashville-like Warbler sp. •	4	3	8	6	6	1			2	2					1	1		
																		Connecticut Warbler							2			1		2	1					
																		Mourning Warbler		1	8				1		2	2		1	4		1	2		
			2							6	2	1	1	3				Common Yellowthroat	15	30	46	9	10		9	3	11	12	13	20	27	4	29	20		
		1				1					3							American Redstart	5	2	30	31	20	20	1	2	22	37	6	6	184	4	26	16		
							1				1							Cape May Warbler	2	2	2	5	2	1			2		3	1	1		3	2		
						1								1				Magnolia Warbler	2	5	12	11	9	6	4		4	4		4	45		4	6		
																		Bay-breasted Warbler		1	4	5	6	3	1		1		1		1		3			
																		Blackburnian Warbler					1				2									
						3				2								Yellow Warbler	5	15	16	32	48	31	22	8	28	42	14	10	25	6	23	17		
1																		Chestnut-sided Warbler	1		2	1								3			1			
					2					5	2			1				Blackpoll Warbler	10	8	40	35	20	10	41	2	9	34	13	4	48	2	37	13		
																		Black-throated Blue Warbler				1														
2			2	2	1	2				10	4	6	1	3	1			Palm Warbler	34	85	129	45	45	48	55	17	35	100	83	7	68	1	19	12		
																		Pine Warbler																		
18	10	11	32	8	26	29		11	12	45		14	9	1	13	8	4	Yellow-rumped Warbler	251	575	1208	564	324	297	1066	458	99	308	335	208	947	243	347	552		
															1			Black-throated Green Warbler	1		1			1							1		2			
																		Canada Warbler									1								2	
1													1					Wilson's Warbler	2	2	6	5	3	2	2	1	2	12	2	1	5	3	8	1		
										1								Rose-breasted Grosbeak	1	1		3	4	1	2		6	15	3	1	1		3	3		
2125	3319	1442	195	4054	5995	2797	540	643	371	1386	141	1365	641	876	1213	3087	497	TOTAL BIRDS	30697	47144	66447	43162	43639	59172	35125	36460	29973	53166	31184	37992	42785	38105	49015	57379		

2022 Saskatoon Fall Bird Count

10 September 2022

Rural	Rural	Rural	Rural	Rural	Rural	Rural	City	City	City	City	City	City	City	City	City	City	City	Species	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007			
SE/A	SE/B	SE/C	SE/D	SE/E	SE/F	SE/G	U	C	N	NE	E	SE1	SE2	S-C	S	SW	NW	Date	9/10	9/11	9/12	9/7	9/8	9/9	9/10	9/12	9/6	9/7	9/8	9/10	9/11	9/12	9/6	9/8			
7:27	7:10	8:00	6:35	7:45	8:30	7:05	7:45	8:50	13:15	5:45	8:30	7:17	7:45	7:00	7:30	7:30	9:30	Start	5:45	6:32	6:32	6:25	6:44	06:20	06:30	06:00	6:00	6:45	5:30	6:15	6:25	6:47	6:25	6:00			
18:10	14:40	17:50	13:20	17:35	20:05	18:32	10:30	17:05	15:10	17:05	19:30	20:00	17:47	19:00	13:30	13:30	12:30	End	20:05	20:15	19:45	19:48	21:30	20:30	20:20	22:30	20:10	20:20	20:03	20:20	20:10	20:23	20:15	20:30			
5.7	7.3	7.8	2.0	7.8	9.1	5.6	0.3	0.5		0.8		1.2					1.0	Car Party Hours	49	58	65	65	59	63	66	64	63	64	66	44	77	57	59	70			
5.0	0.3	2.0	4.8	2.2	7.5	3.9	2.5	7.0	1.9	14.8	4.0	10.7	7.6	8.0		2.4	2.0	Foot Party Hours	86	84	95	73	61	77	83	79	63	88	73	93	89	80	102	81			
															6.0	6.0			Bicycle Party Hours	12	14	3	5	4													
10.7	7.5	9.8	6.8	10.0	16.6	9.5	2.8	7.5	1.9	15.6	4.0	11.9	7.6	8.0	6.0	8.4	3.0	TOTAL Party Hours	147	156	163	143	124	140	149	143	126	152	138	137	166	137	161	150			
150.0	160.0	162.0	30.4	171.0	193.0	159.0	8.0	30.0		14.3		6.0					23.0	Car Party km	1107	1067	1153	1270	1143	1351	1118	1298	1296	1196	1197	1025	1385	1261	1311	1288			
15.0		5.0	10.4	1.5	5.0	4.3	6.0	7.0	5.0	19.2		22.7	9.3	16.8		64.0	2.0	Foot Party km	193	111	139	114	66	109	102	95	71	81	82	144	173	90	129	100			
															30.0	30.0			Bicycle Party km	60	26	8	10	10										2			
165.0	160.0	167.0	40.8	172.5	198.0	163.3	14.0	37.0	5.0	33.5		28.7	9.3	16.8	30.0	94.0	25.0	TOTAL km	1360	1204	1292	1394	1219	1459	1220	1393	1367	1277	1279	1169	1558	1352	1442	1388			

Teams (Leaders)

Rural

- SE/A [Robert Johanson](#), Masoud Javadi
- SE/B [Marten Stoffel](#)
- SE/C [Ron Jensen](#), Julie Jensen, Lyle Derald
- SE/D [Mike Gollop](#)
- SE/E [John Patterson](#), Marc Sabourin
- SE/F [Stan Shadick](#), Jan Shadick, Al Scholz
- SE/G [Janine McManus](#)

Unique Species

- Chestnut-sided Warbler
- Common Goldeneye, Sharp-tailed Grouse, Yellow-bellied Sapsucker
- Common Merganser, Yellow-bellied Flycatcher, Philadelphia Vireo, Rusty Blackbird
- Ruffed Grouse, Sprague's Pipit
- Ring-necked Duck, Marbled Godwit, Stilt Sandpiper, Least Sandpiper, Brown-headed Cowbird
- Bonaparte's Gull, Northern Goshawk, Marsh Wren
- Ross's Goose, Hooded Merganser, Whooping Crane, Black-bellied Plover, Black Tern, American Tree Sparrow

City

- U [Kyrin Giroux](#), Jade Allard
- C [Monica Salles](#), Lu Na
- N [Craig Salisbury](#), Lorriene Salisbury
- NE [Meghan Mickelson](#), Carol Blenkin, Norm Derkson, Scott Mitchell
- E [Norman Zlotkin](#), Genevieve Leslie
- SE1 [Kerry Hjertaas](#), Stephanie Gauthier, Ryan Dudragne
- SE2 [Sara Bryson](#), Alice Gibson
- S-C [Craig Salisbury](#), Lorriene Salisbury, Bill Robertson, Mary Maxwell
- S [Nick Saunders](#)
- SW [Nick Saunders](#), Kathlin Simpkins
- NW [David Forbes](#)

Fox Sparrow

- Rough-legged Hawk, Alder Flycatcher, Northern Waterthrush, Rose-breasted Grosbeak

Gray-cheeked Thrush, Pine Siskin

- Black-crowned Night-Heron
- Ovenbird, Black-throated Green Warbler

Weather

Temperature Range: -1 to 23°C

Sky: Partly overcast early morning, then mostly clear

Rain: None

Wind: 8 to 27 kph (increased from mid-morning to mid-afternoon)

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8		
																		• Shrew spp. •																			
																			Prairie Shrew																		
					1														• Bat spp. •	1								1									
																			Raccoon								1										
																			• Weasel spp. •																		
																			Long-tailed Weasel																		
																			Short-tailed Weasel																1		
																			Mink					2												1	
																			Badger			3															
																			Skunk																		1
			4		1									3					<b>Coyote</b>	8	10		2	3		3		9	4		2	17	8	12	4		
																			Red Fox				1													1	
			15		1														<b>Richardson's Ground Squirrel</b>	16	6	3	28	5		3	3	2	12	11	5	114	291	62	8		
					1														<b>13-lined Ground Squirrel</b>	1	1		1	1		2		1	3	2	2	2	2	2			
																1			<b>Franklin's Ground Squirrel</b>	1		1	1			1		1							1	1	
2		12	7				4	3	4	3					2	2		<b>Least Chipmunk</b>	39	41	40	21	8	4	29	8	27	21	22	13	16	41	30	12			
																			Eastern Fox Squirrel																		
									1	1	7								<b>Red Squirrel</b>	9	15	13	8	4	3	3	4	2	8	5	6		4	1			
			1																<b>Beaver</b>	1	4		4				1	2	3		2	2	1	3			
													1						• Mouse spp. •	1	2																
																			Deer Mouse								1						1				
																			Vole																		
	1																		<b>Muskrat</b>	1	1		1	2		11	5	12	22	7	13	1	4	25	28		
																			Porcupine																		
							1	1				3		6					<b>White-tailed Jack Rabbit</b>	11	10	11	3	7	2	9	5	5	1	4	2	2		4	3		
			2		1														<b>Snowshoe Hare</b>	3	1			4	1	3							1		1	1	
			3		3								2						<b>Mule Deer</b>	8	35	12	8	19		5	6	7	1	8	1	9	1	24	20		
3	5		1		3													<b>White-tailed Deer</b>	12	33	7	5	20	2	3	13	7	6	10	6	21	13	17	26			
						1													<b>American Elk</b>	1	1																
																			Moose		3						2						1				
																			Pronghorn																		
																			Tiger Salamander																		
1																			<b>Leopard Frog</b>	1			1			1		3		12		1	5	7	2		
																			Wood Frog		1						2	1		1		3		3	2		
																			Canadian Toad														1	1		2	15
																			Boreal Chorus Frog																		2
																			• Garter Snake spp. •									1		1		1					
																			Western Plains Garter Snake					1				1				2	1				
																			Common Checkered Skipper																		
																			Plains Skipper									1			1						
																			• White spp. •							20	212		1	2		1				4	2
																2			<b>Checkered White</b>	2																	
			2						1	24				5					<b>Western White</b>	32	3		1							5		1	3			1	
							2		3							1			<b>Cabbage White</b>	6			3	267	23		171	1163	122	68	12	1599	139	231	8	70	

Rural SE/A	Rural SE/B	Rural SE/C	Rural SE/D	Rural SE/E	Rural SE/F	Rural SE/G	City U	City C	City N	City NE	City E	City SE1	City SE2	City S-C	City S	City SW	City NW	Species	2022 Date	2021 9/10	2020 9/11	2019 9/12	2018 9/7	2017 9/8	2016 9/9	2015 9/10	2014 9/12	2013 9/6	2012 9/7	2011 9/8	2010 9/10	2009 9/11	2008 9/12	2007 9/6	2007 9/8	
		x																• Sulphur spp. •				1			15	231	3	1	4	17	5			10		
			2				1		5	11				9	1	5		<b>Clouded Sulphur</b>	34	4	2	68	2		67	924	48	154	83	364	142	257	14	64		
																		Orange Sulphur								1		53								
																		Purplish Copper							1	1		1						3		
																		• Blue spp. •							1								1			
										1								<b>Melissa Blue</b>	1			1							2							
																		• Large Fritillary spp. •									3		1	1			1			
																		Variegated Fritillary										2		1		3				
																		Great Spangled Fritillary								1						3				
																		Aphrodite Fritillary															1			
																		• Small Fritillary spp. •							1										2	
																		Meadow Fritillary										1	1						2	
																		Northern Crescent		1																
																		• Comma spp. •							1				1					1		
																		Eastern Comma											1							
																		Satyr Comma							1	1		2	1	1				1		
																		Green Comma													1					
																		Gray Comma		1					2	1		1								
																		Compton Tortoiseshell									3		1							
																		Mourning Cloak			3				1	1	1	4	237	4	1	3			2	
																		Milbert's Tortoiseshell					1	1	2	1		1	6	5	9	5			1	
																		Painted Lady				6														
																		Red Admiral			1	1			1	1		1	16		2	1				
																		White Admiral								2										
																		Viceroy											1							
																		Monarch											11							
																		Woolly Bear Caterpillar									1			1				6		
																		Orange Underwing				1														
																		Cricket																5	10	
										3								• Dragonfly spp. •	3		2	2							48							
														1				<b>Variable Darner</b>	1			3			1	2	3	2	4	2						
																		Lance-tipped Darner									1									
																		Common Green Darner				2							1							
																		Variegated Meadowhawk											1							
										1				4				<b>Cherry-faced Meadowhawk</b>	5			3	7		1			2								
														1				<b>Saffron-winged Meadowhawk</b>	1							3	2	3	6							
														2				<b>Black Meadowhawk</b>	2			3	12		3		2	4	2							
																		• Damselfly spp. •																		
																		Spotted Spreadwing													1					
																		Lyre-tipped Spreadwing												3						
																		Boreal Bluet											2							