

THE SEASONAL ABUNDANCE OF BIRDS IN THE ROCHESTER AREA

by
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(See Chart Next Page)

The purpose of this chart is to give the abundance of any species in the Rochester area at any time during the year. The vast majority of reports are from Monroe County, but records from Bergen Swamp, Bushnell's Basin, Oak Orchard, Finger Lakes area, Montezuma and Sodus Bay are included. These areas are all within a 50 mile radius of Rochester, N. Y.

This chart is based on approximately 1665 field trips taken by members of the Genesee Ornithological Society from January 1951 through December 1954. In 1951 Neil S. Moon and Gerhard W. Leubner started the system of transferring the field trip records in chronological order to master sheets. Four sheets, 17 x 22 inches were used for each month in each year. This gave a detailed account of the seasonal distribution of all the species during each year.

The present chart condenses these data covering a period of 4 years. The season is divided into 30 periods of 1 or 2 weeks, depending on the season. For each species during each period are given:

(a) Number of times the species was seen. There were naturally some duplicate observations of the same bird or birds, e. g., ducks at the mouth of the Genesee River. These were considered as separate records when reported by different observers, even if seen on the same day. However, a rare species was considered a single record when it was reported by two or more observers on the same day. When reports of the same (probable) individual were received on two or more days, even by the same observer, they were considered as separate records.

(b) Approximate average count (see code at the bottom of tables), when the bird was seen. Because of occasional large flocks, the value given does not always represent the number most likely to be seen.

(c) Number of filed trips (the same for all species in any period). The Common Loon for the period January 1-15 may be taken as an example of how the data of the chart was obtained:

1951, a single count of 1 bird

1952, no counts

1953, Counts of 2, 2, 1, 1 birds

1954, counts of 1, 1 birds.

The Common Loon was seen on 7 occasions during the first half of January, with an average count of 1.3 birds. This is recorded in the chart as "7B". The "7" indicates the number of times the bird was seen, and the "B" indicates an average count between one and two birds. There were 63 field trips during this interval. By following the chart for the Common Loon throughout the year, the peak of the spring migration is during the latter half of April, and the peak of the fall migration is during November. An occasional winter record can be expected, but a mid-summer record would be rare, indeed.

	JAN				FEB				MARCH				APRIL			
	1	16			1	15			1	8	16	24	1	8	16	24
	to	to			to	to			to	to	to	to	to	to	to	to
	15	31			14	28			7	15	23	31	7	15	23	30
Number of reports	63	51			57	59			31	51	54	57	48	55	65	46
Loon, Common	7B	1A			0	1A			1A	1A	0	4C	10B	14D	29G	21G
" , Red-throated	4B	1A			1A	0			0	0	1D	2J	6F	7K	6D	2K
Grebe, Holboell's	4B	0			0	3D			3C	1A	3D	1A	7G	0	2A	0
" , Horned	5D	5B			10E	8B			1A	3A	12B	15C	22D	25F	45F	27E
" , Eared	0	0			0	0			0	0	0	0	0	0	0	0
" , Western	1B	0			0	0			0	0	0	0	0	0	0	0
" , Pied-billed	5C	1D			3B	2A			2A	7B	12B	26B	24D	33D	26E	20D
Pelican, White	0	0			0	0			0	0	0	1E	0	0	0	0
Gannet	0	0			0	0			0	0	0	0	0	0	0	0
Cormorant, Double-cr.	0	0			0	0			0	0	0	0	0	1A	0	1A
Heron, Great Blue	4B	3A			0	4A			0	2A	12B	18B	22D	29D	45D	35E
Egret, American	0	0			0	0			0	0	0	0	0	0	0	2A
" , Snowy	0	0			0	0			0	0	0	0	0	0	0	0
Heron, Green	0	0			0	0			0	0	0	0	0	1A	9D	16B
" , Black-cr. Night	0	0			0	0			0	0	0	1B	0	8C	5D	12C
Bittern, American	0	0			0	0			0	0	0	2A	2A	13B	26B	24C
" , Least	0	0			0	0			0	0	0	0	0	0	0	0
Swan, Whistling	0	0			0	0			0	0	3D	23H	8H	5C	5B	0
Ibis, Eastern Glossy	0	0			0	0			0	0	0	0	0	0	1A	0
Goose, Canada	5J	9M			2K	7L			4M	17P	31R	42T	35T	33Q	38P	19M
Brant	0	0			0	0			0	0	0	0	0	0	1A	0
Goose, Barnacle	0	0			0	0			0	0	0	0	2A	0	0	0
" , Snow	0	0			0	0			0	0	1B	1B	1A	0	0	0
" , Blue	0	0			0	0			0	0	9C	6C	11B	4B	6A	1A
Mallard	30G	9H			13F	27G			11G	26J	31G	42G	38G	38F	51E	36E
Duck, Black	36J	24L			20J	34K			16L	34J	34K	38G	33J	28F	41E	25D
Gadwall	1B	0			0	2B			1A	0	2B	0	0	7C	3B	2B
Pintail	3A	3C			1B	14K			7L	19M	26N	21M	23M	23G	21J	3E
Teal, European	0	0			0	0			0	0	0	0	0	0	0	1B
" , Green-winged	0	0			1B	3B			2C	7C	12D	13D	16E	17F	20G	16G
" , Blue-winged	0	0			0	0			0	0	9D	10D	15E	24F	38F	31G
Widgeon, European	0	0			0	0			0	0	2A	0	1A	3A	4B	2A
Baldpate	0	0			2F	9E			7G	22G	31J	36J	27L	23K	34L	19H
Shoveller	0	0			0	1B			0	2C	7C	6D	4D	13D	16E	16D
Duck, Wood	2B	0			1A	2A			1A	2B	4C	8D	14D	16D	26D	15C
Redhead	10G	16G			20J	25H			15E	25E	26F	21E	20G	10E	15D	5C
Duck, Ring-necked	4E	6B			2F	8B			6F	10G	32H	29H	28H	29G	27G	21F
Canvasback	6K	9J			14M	12K			8D	16E	23G	16G	20G	21D	14D	8C
Duck, Greater Scaup	23M	24N			30N	34M			20M	24L	31K	27K	22H	25J	30H	21H
" , Lesser Scaup	14G	15J			17H	24J			11J	17D	15G	27G	22G	29H	37H	25K

Code: A 1; B 1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
 S 1000-2000; T 2000-3000

1B

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
24F	21E	25E	5B	2A	0	0	0	0	0	2A	6B	12C	27G	31G	32G	13C	5C
4A	1A	7B	0	0	0	0	0	0	0	0	0	1E	5B	7B	8F	2A	4A
0	0	0	0	0	0	0	0	0	0	0	2A	1E	1B	5B	0	1A	1A
15D	6D	16C	2B	1A	0	0	0	0	0	1A	1D	18J	47H	47G	33E	13B	16C
0	0	0	0	0	0	0	0	0	0	0	0	1A	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	1A	0	0	0	0	0
16C	10C	26C	6C	5B	1B	2C	4D	7E	24E	29E	36F	38F	39F	20B	27B	6C	15C
0	1A	1A	0	0	0	0	1A	1A	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	1A	3A	0
6E	4B	5A	1A	0	0	0	0	0	1A	1A	2A	14B	14C	4B	3B	0	0
31D	43C	50G	39D	23C	13C	18D	18D	25G	54G	46F	46E	38C	25D	9B	19B	6A	2A
2A	1A	7C	4C	2A	0	2F	3B	6H	11G	6E	4D	0	0	0	0	0	0
0	0	0	2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25B	29D	47D	33D	20C	13B	17C	22D	27E	49D	36C	29C	9B	2A	0	1A	0	0
5B	14B	28D	12D	4D	2A	2D	12D	17D	32D	26D	36D	8D	6D	0	2C	1A	0
20C	28C	35D	22B	13B	3B	7B	10C	11C	24C	20C	26B	14B	14B	1A	1B	1A	1A
1A	1A	15B	3A	2A	3A	1B	4B	7B	11B	3A	0	0	0	0	0	0	0
0	0	4A	9A	0	0	0	0	1A	1A	1A	0	0	0	0	1A	0	0
0	0	0	0	0	0	0	0	0	0	0	2A	0	0	0	0	0	0
9M	2B	10F	1D	0	0	0	1A	0	1A	4G	15G	22L	34M	17L	19K	7K	5L
1A	1H	16G	9G	4F	1A	0	0	0	0	0	0	1F	3L	7N	2A	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	1A	3A	1A
0	0	0	2A	2A	0	0	0	0	0	0	0	1A	2G	1A	0	0	0
42D	38D	52E	40D	17G	4B	10D	16F	21G	40G	37G	40H	34G	47K	44J	50J	28H	31G
24C	18C	33E	19D	10D	0	5E	12E	14G	39H	29G	39H	41G	49K	46M	55M	29M	48J
4D	4D	7D	1B	0	0	2F	1A	0	1A	3D	0	3D	5B	2C	7C	0	0
6D	3E	7B	5B	1A	0	1A	3A	2D	10E	19L	13J	26J	26M	14F	14G	3G	3B
0	0	2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9E	3G	12C	3B	0	1A	1B	2B	6D	16F	19F	21G	21G	18G	18G	24E	5B	1A
30F	28F	46F	35E	20D	6C	6D	12E	19G	46J	40K	45J	33G	14G	1A	0	1A	0
0	0	1A	3A	0	0	0	0	0	0	0	0	0	0	0	1A	0	0
15G	10G	26E	14F	4C	1C	2G	2A	0	4D	18J	17K	31K	28Q	23K	28J	3H	1F
12C	3C	8B	2A	0	0	0	0	0	5D	6F	3C	3G	11H	1B	1A	0	0
21C	14C	27E	21D	7E	0	4D	10F	16E	31G	27G	30J	26E	20G	3D	38C	1A	5A
2A	4B	6C	0	0	0	1D	0	2G	4F	4B	3D	14F	20E	12G	24G	8D	16G
9E	5B	9C	1A	0	0	0	0	0	0	0	0	4C	20E	5K	10C	0	10D
9B	5B	3A	0	0	0	1A	0	0	0	1A	0	2G	13E	13E	11K	2K	9M
16E	4B	7C	4B	0	0	0	0	0	0	0	1B	17H	33M	39M	45M	29J	33L
31G	30G	35G	23D	6E	1A	3C	1A	0	2C	0	5B	19H	29M	39N	46M	20J	26J

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN				FEB				MARCH				APRIL			
	1	16	to	to	1	15	to	to	1	8	16	24	1	8	16	24
	15	31	14	28	14	28	7	15	7	15	23	31	7	15	23	30
Number of reports	63	51	57	59	31	51	54	57	48	55	65	46				
Golden-eye, American	46K	30L	36L	46J	21J	33J	42H	30G	25F	22E	22D	13C				
Buffle-head	15D	13D	13F	14D	8D	15E	20C	22D	25D	28E	38D	26E				
Old-squaw	36G	23H	30K	33J	19K	22H	16G	14F	5F	10B	7C	3B				
Duck, Harlequin	1A	1A	0	0	0	0	0	0	0	0	0	0				
Eider, King	0	1A	0	0	0	0	0	0	0	1A	0	1A				
Scoter, White-winged	9C	7G	11J	5D	3D	7G	3G	8G	5G	6F	3D	1F				
" , Surf	2B	5A	0	0	2A	0	0	0	0	0	0	0				
" , American	3A	0	2A	0	1A	0	0	1A	0	0	0	0				
Duck, Ruddy	1A	0	0	0	0	1A	5C	7C	8D	10E	18D	4G				
Merganser, Hooded	4B	7D	6C	2G	1D	10D	19E	20E	10D	19D	7C	3B				
" , American	39M	22J	32L	32L	19M	30M	27L	20J	8J	18G	12J	9D				
" , Red-breasted	35K	22J	30K	37H	13G	22L	28M	31M	28P	36P	44P	33R				
Vulture, Turkey	0	0	0	0	0	0	3B	14C	12F	14D	14D	9C				
Goshawk	0	0	1A	0	0	0	0	0	1A	0	1A	0				
Hawk, Sharp-shinned	8A	10A	5A	4A	0	2A	12E	16B	13G	19L	26K	25M				
" , Cooper's	4B	7A	0	10A	4B	2A	13E	14C	13D	11D	13C	10C				
" , Red-tailed	15B	17B	17B	12B	13B	23C	23H	31G	18G	27G	31D	17D				
" , Red-shouldered	0	1A	0	0	1B	4B	2A	15F	12C	13B	15C	6B				
" , Broad-winged	0	0	0	0	0	0	0	0	0	1A	18Q	17Q				
" , Amer. Rough-legged	1A	10B	8C	7B	0	5B	10C	2D	3B	6B	5B	3F				
Eagle, Golden	0	0	0	0	0	2A	1A	0	1A	0	1A	3B				
" , Bald	1A	0	1A	6B	0	4B	9B	1A	4B	8B	9B	5B				
Hawk, Marsh	4A	5B	6B	14C	8B	24C	36E	34D	32E	38E	46D	32D				
Osprey	0	0	0	0	0	0	0	0	2A	6A	16B	6C				
Hawk, Duck	0	0	0	0	0	1A	3A	1A	1A	0	3A	1A				
" , Pigeon	1A	0	0	0	0	0	0	1C	0	1A	2D	1A				
" , Sparrow	29C	29C	24C	36C	16C	33C	42D	36D	35E	36E	43D	29C				
Grouse, Ruffed	1B	0	2A	1A	0	0	0	0	0	1A	1A	0				
Pheasant, Ring-necked	32E	19D	32G	39F	10D	34F	40E	38E	35D	37D	62D	44E				
Rail, King	0	0	0	0	0	0	0	0	0	0	0	0				
" , Virginia	1A	1A	0	0	0	0	0	0	0	1A	2B	0				
Sora	0	0	0	0	0	0	0	0	0	0	0	1A				
Gallinule, Florida	1A	2A	0	0	0	0	0	0	0	6B	15C	19D				
Coot	4C	5B	7G	4E	1E	7B	6A	14E	19F	15F	24F	17F				
Plover, Piping	0	0	0	0	0	0	0	0	0	0	0	0				
" , Semipalmated	0	0	0	0	0	0	0	0	0	0	0	0				
Killdeer	0	1A	2A	8D	5C	26E	47G	46G	37G	44F	53E	40E				
Plover, Golden	0	0	0	0	0	0	0	0	0	0	2M	0				
" , Black-bellied	0	0	0	0	0	0	0	0	0	0	0	0				
Turnstone, Ruddy	0	0	0	0	0	0	0	0	0	0	0	0				

Code: A 1; B 1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
 S 1000-2000; T 2000-3000

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
5B	3B	7C	2A	3A	1A	0	1A	1A	2A	3A	2B	1C	15G	36J	43J	29H	46K
26C	9B	9B	0	0	0	0	0	0	0	0	0	2B	15C	33F	38F	23E	22E
4A	1A	5D	0	0	0	0	0	0	0	0	2A	1B	25M	28H	34G	23J	32K
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3A
0	0	1A	0	0	0	0	0	0	0	0	0	0	1C	0	0	0	0
1F	5D	13C	1B	0	0	0	0	0	0	2F	0	15H	28J	19G	21F	6D	11F
0	0	0	0	0	0	0	0	0	0	0	0	4D	4G	3B	1C	0	4A
0	0	0	0	0	0	0	0	0	0	0	0	3G	10G	10C	6B	0	0
4D	6E	7B	3B	1A	1B	1D	0	2D	0	1B	0	4D	14B	2A	7B	2A	1A
1A	3B	2B	1A	0	0	0	1A	2A	3B	3B	1A	1F	6B	17G	29G	9E	14D
2B	3C	5A	0	0	0	0	0	0	1A	0	0	5G	13F	17K	20G	21H	42M
26M	22L	28G	7D	2A	1A	0	0	0	0	1B	4H	14B	30M	39S	41P	24L	35M
6C	5C	16C	8C	5C	3G	4E	1A	3B	3C	5E	2D	1E	2H	0	1A	0	0
1A	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	0	0	1A
23G	18L	34D	7G	8A	0	1A	0	0	1A	2B	6A	1A	4A	3A	6B	3A	2A
7B	9C	18B	4B	4B	1A	0	0	1A	3A	4A	4A	7A	5A	4A	5B	5A	9B
16C	13D	22D	16B	8B	3B	6A	3A	12C	21B	15B	16C	24B	25B	15B	18B	10B	26C
7B	7C	13B	7B	2A	1A	0	0	2B	6B	5B	2G	0	2A	0	0	0	0
12L	10J	17J	7H	4E	0	0	0	0	5C	1A	0	0	0	0	0	0	0
3D	2B	2A	0	0	0	0	0	0	0	0	0	1A	7C	8B	19B	6B	6B
1A	2A	2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6C	5D	16C	13B	6B	3B	0	0	2B	6B	4B	1A	1B	5B	1A	3A	1A	2A
24C	23C	39C	21C	12B	8B	10B	7C	16B	32B	24C	35C	29C	27B	18B	13C	7D	9C
13B	5B	21B	4B	2A	1A	0	0	0	8B	7B	18B	16B	2A	0	0	0	0
2B	0	1A	1A	0	0	0	0	0	0	5A	4A	10B	4A	0	1A	0	0
0	3A	5A	2A	0	0	0	0	0	0	2A	3B	2B	2B	0	0	0	0
25C	26B	45C	34B	17B	14C	20C	16C	20C	25C	27B	37B	28C	31C	35C	34C	22C	44C
0	2A	4B	1B	3B	3C	0	0	0	0	1A	1A	2G	0	0	2E	0	0
50E	51E	75E	42D	33D	3C	21C	15D	17D	31C	33D	40D	39E	41E	34D	34D	27D	59H
0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5B	5B	18B	11B	6B	2B	4A	5B	2B	6B	5D	5B	5B	0	0	0	2A	9B
9B	8B	18B	3A	1A	0	1A	0	2A	5C	18D	29D	18B	4D	0	0	0	0
34D	37E	47F	35D	19C	11D	19D	21E	27E	52G	47G	44F	32E	11C	2A	0	0	2A
9B	7F	22E	5D	0	0	1L	0	7J	9H	9G	13J	20G	27K	13G	20G	5C	8G
0	0	0	1A	0	0	0	0	0	0	0	2A	0	0	0	0	0	0
1A	3H	26D	18G	10D	1A	2A	8B	18C	42F	42F	41D	25C	14B	4A	0	0	0
51D	50E	67F	48G	29G	19D	27G	29G	34H	64H	58H	61H	47H	41E	18E	13C	1F	2A
2M	0	0	0	0	0	0	0	1A	5C	11E	12E	7G	3B	2F	0	0	0
2A	2A	7D	13C	0	0	0	0	3B	5B	20E	20E	21D	13C	14C	4B	0	0
0	1A	12B	14C	3D	0	0	0	4C	20B	36C	16B	3B	3C	0	0	0	0

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN		FEB		MARCH				APRIL			
	1	16	1	15	1	8	16	24	1	8	16	24
	to	to	to	to	to	to	to	to	to	to	to	to
	15	31	14	28	7	15	23	31	7	15	23	30
Number of reports	63	51	57	59	31	51	54	57	48	55	65	46
Woodcock	0	0	0	0	0	1A	4B	12D	5E	13C	7C	9D
Snipe, Wilson's	0	0	0	0	0	1A	2B	5B	5C	5D	9E	12C
Curlew, Hudsonian	0	0	0	0	0	0	0	0	0	0	0	0
Plover, Upland	0	0	0	0	0	0	0	0	0	2B	8C	3B
Sandpiper, Spotted	0	0	0	0	0	0	0	0	0	0	4C	18B
" , Solitary	0	0	0	0	0	0	0	0	0	0	0	1A
Willet	0	0	0	0	0	0	0	0	0	0	0	0
Yellowlegs, Greater	0	0	0	0	0	0	0	0	9B	7C	1D	16D
" , Lesser	0	0	0	0	0	0	0	3A	4C	3D	1C	13D
Knot	0	0	0	0	0	0	0	0	0	0	0	0
Sandpiper, Purple	0	0	0	0	0	0	0	0	0	0	0	0
" , Pectoral	0	0	0	0	0	0	0	0	2A	2A	1A	1A
" , White-rumped	0	0	0	0	0	0	0	0	0	0	0	0
" , Baird's	0	0	0	0	0	0	0	0	0	0	0	0
" , Least	0	0	0	0	0	0	0	0	0	0	0	0
" , Red-backed	0	0	0	0	0	0	0	0	0	0	0	3B
Dowitcher	0	0	0	0	0	0	0	0	0	0	0	0
Sandpiper, Stilt	0	0	0	0	0	0	0	0	0	0	0	0
" , Semipalmated	0	0	0	0	0	0	0	0	0	0	0	0
" , Western	0	0	0	0	0	0	0	0	0	0	0	0
" , Buff-breasted	0	0	0	0	0	0	0	0	0	0	0	0
Godwit, Hudsonian	0	0	0	0	0	0	0	0	0	0	0	0
Sanderling	0	0	0	0	0	0	0	0	0	0	0	0
Phalarope, Red	0	0	0	0	0	0	0	0	0	0	0	0
" , Wilson's	0	0	0	0	0	0	0	0	0	0	0	0
" , Northern	0	0	0	0	0	0	0	0	0	0	0	0
Jaeger, Parasitic	0	0	0	0	0	0	0	0	0	0	0	0
Gull, Glaucous	5B	8B	7A	3A	2B	6B	3A	0	1A	2A	0	1A
" , Iceland	7A	3B	2A	2A	2A	2A	2A	0	3A	3B	1A	1A
" , Kumlein's	0	0	0	0	0	0	0	0	0	2A	0	2A
" , Great Black-backed	38F	21E	28E	24D	16C	19C	12B	7B	3B	4A	2A	3B
" , Herring	51N	35M	45Q	43Q	27S	42R	44Q	41N	35M	37M	48L	36M
" , Ring-billed	42N	26M	35L	35N	20P	35Q	40P	33P	31Q	35M	41M	25N
" , Laughing	0	0	0	0	0	0	0	0	0	0	0	0
" , Franklin's	0	0	0	0	0	0	0	0	0	0	0	0
" , Bonaparte's	5G	1C	0	0	0	0	1B	4A	8C	28J	38M	27M
" , Little	0	0	0	0	0	0	0	0	0	0	0	0
Kittiwake	0	0	0	0	0	0	0	0	0	0	0	0
Gull, Sabine's	0	0	0	0	0	0	0	0	0	0	0	0
Tern, Forster's	0	0	0	0	0	0	0	0	0	0	0	0

Code: A 1; B 1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
 S 1000-2000; T 2000-3000

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
8B	12B	19D	7B	2B	3A	4B	2A	1A	4B	3A	4B	3B	5A	1A	0	0	0
10B	4B	8B	1A	2A	1A	7B	12C	16D	33D	31D	33E	35E	23D	19C	7C	3C	1A
0	0	0	1A	1A	0	0	1F	1A	1A	4A	0	0	0	0	0	0	0
4F	3B	11B	3B	3A	5D	0	2B	5D	4D	0	0	0	0	0	0	0	0
37C	36D	54E	33F	21D	8D	18E	24F	31E	52D	34C	21B	10B	0	1A	0	0	0
10B	20C	30C	9B	0	1A	8C	21D	22D	38D	21C	13B	5B	1A	0	0	0	0
0	0	0	1A	0	0	0	0	1A	0	2A	0	0	0	0	0	0	0
15D	9C	11C	7B	3A	1A	1B	7B	6B	19B	24C	21C	15B	17G	11C	3B	1A	0
13D	15G	23C	10B	0	3B	10E	17E	23F	51G	41G	43G	32E	20C	1A	0	0	0
0	0	0	5B	3C	0	0	0	1A	13B	18C	5B	2A	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1A	4A	3A	0	0
1E	2A	7A	4B	1A	0	3C	6C	10C	29E	35G	37F	34F	21F	11D	1A	0	0
0	0	2A	9B	5B	0	0	0	2A	6C	8B	7B	5B	6B	4B	0	0	0
0	0	0	0	0	0	0	2A	0	17B	24C	23C	12B	0	1A	0	0	0
7B	17F	34F	10D	0	3B	14F	17E	18D	45F	28C	17C	4A	0	0	0	0	0
0	8D	13D	23F	10D	0	0	1A	0	0	0	11D	33G	31H	28J	14E	2B	1A
0	0	2A	2A	0	0	2A	6C	5B	32D	29C	5D	2B	5B	0	0	0	0
0	0	0	0	0	0	2C	7D	0	6E	23C	14C	3B	2A	0	0	0	0
0	0	15E	23H	15H	2B	10C	20G	21H	51H	50G	37E	22C	7B	0	1A	0	0
0	0	0	0	0	0	0	0	1A	4A	0	1A	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1A	2A	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2A	0	2A	0	0	0	0
0	0	2A	0	1A	0	0	4D	6D	26D	26E	25F	10F	7E	16D	3A	0	1A
0	0	0	0	0	0	0	0	0	0	1D	1A	0	0	2A	1A	0	0
0	0	1A	1A	1A	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	7D	3B	1B	0	1A	0	1A	0	0
0	0	0	0	0	0	0	0	0	0	0	1A	2A	2A	0	0	0	0
2A	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	9B
3B	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	5B
0	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3A	3A	1A	5B	2A	0	1A	0	0	2B	3A	13B	13C	33D	30E	40E	27D	40F
25P	24J	43J	24H	14G	4C	7E	11G	21E	40G	46G	45H	41J	52K	50M	55M	28P	68P
24N	33L	40P	29P	18M	4L	14M	15Q	25P	63P	50P	56P	48N	56N	49N	53M	30N	56N
0	0	0	0	0	0	0	0	0	0	0	0	0	3E	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	1A	0	0	0	0	0	0
9M	14G	33J	11H	8H	2H	7J	13J	15K	31K	31J	40J	36J	40J	33H	41J	22J	18J
0	1A	0	0	1A	0	0	0	0	1A	4A	3A	3B	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2A	1A	0	0	0	0	0
0	0	1A	0	0	0	0	0	0	4A	3B	4A	3B	7B	0	0	0	0

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN		FEB		MARCH				APRIL			
	1	16	1	14	1	8	16	24	1	8	16	24
	to	to	to	to	to	to	to	to	to	to	to	to
	15	31	14	28	7	15	23	31	7	15	23	30
Number of reports	63	51	57	59	31	51	54	57	48	55	65	46
Tern, Common	0	0	0	0	0	0	0	0	0	0	9F	9G
" , Caspian	0	0	0	0	0	0	0	0	0	4C	10D	8E
" , Black	0	0	0	0	0	0	0	0	0	0	1A	1B
Dove, Mourning	5G	10H	6G	6C	7G	15C	31E	38E	33F	45E	52E	39E
Cuckoo, Yellow-billed	0	0	0	0	0	0	0	0	0	0	0	0
" , Black-billed	0	0	0	0	0	0	0	0	0	0	0	0
Owl, Barn	1A	0	0	1A	1A	1A	0	0	1A	0	3A	0
" , Screech	1A	3B	1A	3C	2A	4B	3A	4B	1A	5A	2A	4B
" , Great Horned	8B	10B	3A	6B	3B	3B	0	5A	5A	2B	5B	6B
" , Snowy	2A	3B	1A	3C	2A	2B	0	2A	1A	1A	1A	1A
" , Barred	0	0	0	1C	0	0	0	0	0	1A	0	0
" , Long-eared	3A	0	1A	0	3A	3B	1A	1A	3B	7B	4D	5A
" , Short-eared	1B	2C	0	6D	4E	7D	4D	1A	5B	5B	6A	1A
" , Saw-whet	2A	0	0	1A	0	0	2A	4A	6D	6B	12B	0
Whip-poor-will	0	0	0	0	0	0	0	0	0	2A	3B	9B
Nighthawk	0	0	0	0	0	0	0	0	0	0	0	0
Swift, Chimney	0	0	0	0	0	0	0	0	0	1A	2C	5B
Hummingbird, Ruby-throated	0	0	0	0	0	0	0	0	0	0	0	0
Kingfisher, Belted	6A	3A	10A	4A	5A	3A	5B	18B	21C	36C	48C	35C
Flicker	9A	6C	4C	3C	4A	5A	9C	18B	22C	46F	57F	43G
Woodpecker, Pileated	5B	2A	1B	5A	2B	2B	3A	0	0	0	2A	1A
" , Red-bellied	1B	9D	1A	2D	1A	1E	0	0	0	0	1A	0
" , Red-headed	0	4D	0	0	0	0	0	0	0	0	0	0
Sapsucker, Yellow-bellied	0	0	2A	0	1A	1A	0	0	0	16B	36D	16D
Woodpecker, Hairy	25B	20B	21B	26B	13B	24B	17B	15B	9B	18B	15B	20B
" , Downy	57C	34C	39C	48C	21D	36C	32C	35C	28C	40C	43B	30B
" , Arctic Three-t	1A	1A	0	0	0	0	0	0	0	0	0	0
Kingbird, Eastern	0	0	0	0	0	0	0	0	0	0	0	0
" , Western	0	0	0	0	0	0	0	0	0	0	0	0
Flycatcher, Crested	0	0	0	0	0	0	0	0	0	0	0	2A
Phoebe, Eastern	0	0	0	1A	0	0	8B	19C	31C	34D	44C	32B
Flycatcher, Yellow-bellied	0	0	0	0	0	0	0	0	0	0	0	0
" , Acadian	0	0	0	0	0	0	0	0	0	0	0	0
" , Alder	0	0	0	0	0	0	0	0	0	0	0	0
" , Least	0	0	0	0	0	0	0	0	0	0	0	0
Pewee, Wood	0	0	0	0	0	0	0	0	0	0	0	0
Flycatcher, Olive-sided	0	0	0	0	0	0	0	0	0	0	0	0
Lark, Prairie Horned	5J	18G	21H	39J	19F	32G	28K	25H	23H	18G	28F	20D
" , Northern Horned	1J	0	2B	1B	0	0	1B	1A	0	0	0	1A
Swallow, Tree	0	0	0	0	0	1A	8B	10F	29H	37K	47K	38K

Code: A 1; B 1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
S 1000-2000; 2000-3000

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
13G	24H	43H	22G	7C	10B	12G	18J	23K	43K	44M	36K	18F	23E	0	0	0	0
7C	5D	13B	3C	1E	0	3C	6C	15D	25D	18D	6C	0	0	0	0	0	0
14E	32H	53K	31J	20H	13G	20H	21K	27G	32D	11F	13E	0	1A	0	0	0	0
51D	47D	67F	43D	29D	17D	30E	27E	32F	62G	54F	50F	35D	19D	6F	2A	3G	8C
1A	3A	14B	14B	12B	7B	3A	1A	2B	3A	4B	5B	3A	3B	0	0	0	0
1A	0	15B	11B	10A	4B	5A	3A	2A	1A	4B	2B	1A	0	0	0	0	0
0	0	3B	0	0	0	2B	1E	2B	0	2A	2B	1A	0	1A	0	1A	0
4C	1A	13B	2B	3A	2A	1A	2A	3B	4B	5B	7B	1A	6A	4A	4B	2A	18C
8B	1A	16B	3A	1A	1A	3A	0	2A	1A	2B	4B	2A	3B	5B	7B	5B	14C
1A	0	0	1A	0	0	0	0	0	0	0	0	0	0	1A	9B	2B	1A
0	2D	4D	0	1B	0	0	0	0	0	0	1A	1B	0	0	0	0	0
1A	1A	3B	0	0	0	0	0	0	0	0	0	0	0	1A	1B	0	0
2A	1A	0	0	0	0	0	0	0	0	0	0	0	0	4B	2B	0	6B
1A	0	0	1A	0	1A	0	0	0	0	0	0	1A	1A	3A	0	0	0
16B	7C	16D	5B	3D	0	0	0	1A	0	0	1A	0	0	0	0	0	0
2B	7F	18C	19C	16C	11B	7B	6D	11C	18B	5B	4A	2D	0	0	0	0	0
21D	37F	63G	40G	30E	17E	16E	16D	22C	32D	16E	7C	2H	3B	0	0	0	0
0	3A	27B	19B	11B	8B	12B	5A	11B	17B	17B	5B	0	0	0	0	0	0
38C	37B	55C	26B	21B	13B	18C	24C	25C	56D	43D	45C	36B	15B	8B	6B	2A	9B
56F	55E	72E	38D	31C	22C	25C	28D	30D	56D	52D	58E	30E	18B	7B	4C	3A	18B
3A	1A	6A	4A	0	2B	0	0	1A	4B	1B	5A	1A	2A	5A	1A	0	0
2B	5B	12C	1A	1A	2A	1A	0	0	1B	2A	0	0	0	3B	3B	1A	2A
2B	9B	17C	8B	5A	1A	1A	0	1A	5C	4C	2A	0	0	0	0	0	0
18C	15B	14B	2A	1B	0	1A	0	1C	0	4C	10C	19B	2B	0	0	0	0
20B	19B	38B	11B	8B	7B	11B	4B	4B	12B	9B	19B	17B	14A	13A	30B	14B	41C
43B	40C	64B	21B	14C	15B	22C	11B	17B	25B	29B	44C	32B	39B	52C	46C	29C	57D
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A
14B	28E	64E	37F	26D	20D	26E	24F	35D	55F	23D	2B	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1A	0	0	0	0	0	0	0
16B	39C	67D	45D	25C	18B	19C	11B	13B	11B	8A	3A	1A	0	0	0	0	0
41C	34C	68C	25C	17C	12C	10B	13C	11B	20B	28B	30B	10B	5B	0	0	0	0
0	0	4B	13C	5D	0	0	0	0	1A	1A	0	0	0	0	0	0	0
0	0	3B	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	4C	29C	34E	23F	10C	10B	13B	4B	3B	0	0	0	0	0	0	0	0
16C	26C	57E	23D	8B	3B	4B	6B	0	2A	4B	1A	0	0	0	0	0	0
0	2A	21C	43D	30D	21C	27C	22B	28C	56C	36D	12C	0	0	0	0	0	0
0	0	2A	0	1A	0	0	0	0	1A	1A	0	0	0	0	0	0	0
15D	18D	32D	14D	15D	8C	11B	9E	9C	9G	13D	17E	21G	26E	14E	8C	3G	4G
0	0	1D	0	0	0	0	0	0	0	0	0	1A	1B	1A	0	0	3A
37J	43J	58J	30G	20E	9G	6F	10G	14F	25L	23P	54M	22F	10D	0	0	0	0

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN		FEB		MARCH				APRIL			
	1	16	1	15	1	8	16	24	1	8	16	24
	to	to	to	to	to	to	to	to	to	to	to	to
	15	31	14	28	7	15	23	31	7	15	23	30
Number of reports	63	51	57	59	31	51	54	57	48	55	65	46
Swallow, Bank	0	0	0	0	0	0	0	0	1C	1A	7B	20E
" , Rough-winged	0	0	0	0	0	0	0	0	0	1B	8D	18D
" , Barn	0	0	0	0	0	0	0	0	2B	12D	26F	36G
" , Cliff	0	0	0	0	0	0	0	0	2A	0	0	2B
Martin, Purple	0	0	0	0	0	0	0	0	1A	16D	27F	26G
Jay, Blue	28C	19C	25C	26C	14B	17D	12C	18B	14B	14B	13B	18C
Crow	60E	39J	44H	53J	24L	46N	51P	52L	43M	51K	60H	45H
Chickadee, Black-capped	61G	38G	45G	49F	27F	38F	35D	38D	32E	43E	48G	37F
" , Brown-capped	0	0	0	0	0	0	0	0	0	0	0	0
Titmouse, Tufted	2A	1A	2B	1B	0	1C	0	1A	1A	0	0	0
Nuthatch, White-breasted	34B	22D	24C	29C	16B	22C	14B	20B	11B	27B	35C	21C
" , Red-breasted	20B	6B	11B	9B	4C	8B	3B	4A	5C	3A	4B	7B
Creeper, Brown	25B	13B	13B	16B	9B	10B	9B	10B	13C	30E	45E	28F
Wren, House	0	0	0	0	0	0	0	0	0	1A	0	11B
" , Winter	8B	5B	3A	6C	3A	2A	3A	3B	5C	16B	28C	11B
" , Bewick's	0	0	0	0	0	0	0	0	0	0	2A	0
" , Carolina	4B	4A	2A	2A	2A	1A	2A	0	0	0	2B	0
" , Long-billed Marsh	4A	4B	3A	1A	1A	1B	0	0	1A	1B	1A	5B
" , Short-billed Marsh	0	0	0	0	0	0	0	0	0	0	0	0
Mockingbird	5A	0	0	0	0	0	0	0	0	0	1A	0
Catbird	0	0	0	0	0	0	0	0	0	0	0	1A
Thrasher, Brown	1A	0	0	0	0	0	0	0	0	2A	6A	3B
Robin	18F	7G	17F	18D	12D	31H	49K	52L	46M	51M	60J	45J
Thrush, Wood	0	0	0	0	0	0	0	0	0	0	0	0
Thrush, Hermit	7B	2A	2A	2A	1A	2A	2A	2A	2D	20C	39E	27G
" , Olive-backed	0	0	0	0	0	0	0	0	0	0	0	0
" , Gray-cheeked	0	0	0	0	0	0	0	0	0	0	0	0
Veery	0	0	0	0	0	0	0	0	0	0	0	3A
Bluebird, Eastern	0	2C	0	3B	3B	2E	29G	29E	28E	25D	30C	20B
Gnatcatcher, Blue-gray	0	0	0	0	0	0	0	0	0	0	7A	7B
Kinglet, Golden-crowned	20D	13D	8B	10D	7C	3B	7C	7C	19D	28G	42G	22G
" , Ruby-crowned	0	0	0	1A	1A	0	0	0	0	8D	40G	37G
Pipit, American	0	0	0	0	0	0	0	0	4J	0	0	3E
Waxwing, Bohemian	0	0	0	0	0	0	0	0	0	0	0	0
" , Cedar	10G	8G	17G	24J	7G	8H	16G	11G	5F	5G	12H	17J
Shrike, Northern	6B	4B	6C	7C	3C	6A	4A	2B	4B	2B	0	0
" , Loggerhead	0	0	0	0	0	0	3B	3B	11B	10B	8C	5B
Starling	53L	42J	46L	53M	24L	51S	50Q	46P	45P	45M	56L	44M
Vireo, White-eyed	0	0	0	0	0	0	0	0	0	0	0	0
" , Yellow-throated	0	0	0	0	0	0	0	0	0	0	0	0

Code: A 1; B1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
 S 1000-2000; T 2000-3000

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
33G	41J	57K	34H	24H	11G	23M	18L	19M	37K	20G	9C	1C	3A	0	0	0	0
27D	31G	45G	18E	14B	7B	9F	14E	7C	7C	9G	1A	3B	0	0	0	0	0
43H	41H	66J	39J	28G	14F	24G	31H	31H	51J	24G	12F	2B	0	0	0	0	0
6B	11B	23B	4B	1A	0	0	0	1A	3A	32E	13B	2B	1A	0	0	0	0
33G	29H	50H	34H	20F	9F	22F	20G	21H	29F	14D	5C	0	0	0	0	0	0
35G	41J	74K	28H	22H	11D	11C	5C	9D	17C	28D	40D	38C	36D	36D	39D	19C	42D
57G	56G	72G	47F	37F	19D	36E	24E	28F	57F	56F	59G	49J	40L	54L	46E	32F	64P
43E	44D	59D	27D	18D	16D	23E	13D	21D	40E	42E	51E	31R	46M	56G	59G	32G	66H
1A	2B	1A	1A	0	0	0	0	0	0	0	0	0	2A	5B	2A	0	0
0	0	0	0	0	0	0	0	0	0	0	0	2A	1A	1A	1A	0	3A
22C	36B	43B	17B	11B	8B	17C	2B	11B	31B	9B	26B	23C	21C	28B	33C	16B	49C
5B	10B	11B	7B	1A	0	0	1B	0	3C	7B	18B	11B	9B	25B	31C	14B	20C
22F	10C	6B	0	4A	1A	0	0	0	0	6B	24B	29C	12B	9B	13B	8B	22C
42C	51D	74D	41D	30D	21C	32D	18D	19C	14C	12B	12B	5A	1A	0	0	0	0
18C	6A	10B	1A	3B	0	1B	0	0	0	0	15C	19B	9B	7B	6B	4B	11B
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1A	0	4B	1A	0	0	2A	0	1A	1C	1A	1B	4B	1B	0	1B	0	3B
18C	25D	45G	33F	19D	12C	23E	30E	22D	29D	3C	29E	17C	6D	3B	3B	5C	7C
0	1A	14B	7B	4B	2D	0	2B	1A	0	1A	0	0	0	0	0	0	0
0	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2A
19B	53C	76F	48F	36E	22D	33F	26C	34C	49C	49D	49C	11B	3A	2A	0	0	4A
20C	28B	33B	1A	9C	6C	9B	1B	2A	3B	5B	10B	2A	0	0	0	0	0
61H	58H	75J	48H	35G	23F	37G	33G	35G	65G	59G	62G	45G	40G	42F	23B	9B	9C
17C	58D	66E	32D	29D	18D	27D	18B	5B	11B	8B	7B	1B	0	0	0	0	0
24F	24B	15B	0	2D	2A	2A	0	0	0	1A	11C	29D	16C	8B	7B	1A	5A
4C	31B	49D	32B	1A	0	0	0	0	2B	12C	23D	13C	2B	0	0	0	0
0	5B	12B	5A	0	0	0	0	0	0	1A	10B	4B	1B	0	0	0	0
15B	46D	63D	31D	27E	18D	24E	8B	3A	19B	7B	2A	0	0	0	0	0	0
26B	22C	47C	26C	13C	11C	19C	8B	12B	16B	8C	11D	17C	16C	2B	1D	2A	1B
7B	5B	18B	1A	2B	2B	2C	0	0	0	1A	0	0	0	0	0	0	0
14G	4C	1A	1A	0	0	0	0	0	0	2A	26G	39G	38F	40E	37E	17E	16G
45G	36E	26D	2B	0	0	0	0	0	0	2C	20D	31G	14E	4B	1B	0	0
12L	12K	18J	5C	0	0	0	0	0	1L	7F	11D	6C	11G	7D	0	0	1A
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2A	1A
16H	14G	36F	28J	23G	16E	25F	28G	30G	45G	34F	26F	10F	10F	36G	29J	13J	17J
0	0	0	0	0	0	0	0	0	0	0	0	0	3A	10B	13B	4B	20B
3C	4A	9A	3A	3A	1A	1A	3C	1A	2B	0	2B	0	0	0	0	0	0
58J	59J	71K	49K	35J	23H	33K	30L	32P	62P	53N	53P	39P	35P	55M	59L	34M	71M
1A	0	1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1A	13B	42B	16B	4B	3B	7B	1A	5B	7B	10C	1A	1A	1A	0	0	0	0

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN		FEB		MARCH				APRIL			
	1	16	1	15	1	8	16	24	1	8	16	24
	to	to	to	to	to	to	to	to	to	to	to	to
	15	31	14	28	7	15	23	31	7	15	23	30
Number of reports	63	51	57	59	31	51	54	57	48	55	65	46
Vireo, Blue-headed	0	0	0	0	0	0	0	0	0	0	0	1A
" , Red-eyed	0	0	0	0	0	0	0	0	0	0	0	0
" , Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0
" , Warbling	0	0	0	0	0	0	0	0	0	0	0	0
Warbler, Black & White	0	0	0	0	0	0	0	0	0	0	1A	8B
" , Prothonotary	0	0	0	0	0	0	0	0	0	0	0	0
" , Worm-eating	0	0	0	0	0	0	0	0	0	0	0	0
" , Golden-winged	0	0	0	0	0	0	0	0	0	0	0	0
" , Blue-winged	0	0	0	0	0	0	0	0	0	0	0	0
" , Brewster's	0	0	0	0	0	0	0	0	0	0	0	0
" , Tennessee	0	0	0	0	0	0	0	0	0	0	0	0
" , Orange-crowned	0	0	0	0	0	0	0	0	0	0	0	0
" , Nashville	0	0	0	0	0	0	0	0	0	0	0	2A
" , Parula	0	0	0	0	0	0	0	0	0	0	0	0
" , Yellow	0	0	0	0	0	0	0	0	0	0	0	3B
" , Magnolia	0	0	0	0	0	0	0	0	0	0	0	1A
" , Cape May	0	0	0	0	0	0	0	0	0	0	0	0
" , Bl-throated Blue	0	0	0	0	0	0	0	0	0	0	0	4A
" , Myrtle	7C	0	4C	5B	0	1A	1B	0	1A	8D	29D	33G
" , Bl-throated Green	0	0	0	0	0	0	0	0	0	0	1A	3B
" , Cerulean	0	0	0	0	0	0	0	0	0	0	0	0
" , Blackburnian	0	0	0	0	0	0	0	0	0	0	0	1A
" , Yellow-throated	0	0	0	0	0	0	0	0	0	0	0	0
" , Chestnut-sided	0	0	0	0	0	0	0	0	0	0	0	0
" , Bay-breasted	0	0	0	0	0	0	0	0	0	0	0	0
" , Blackpoll	0	0	0	0	0	0	0	0	0	0	0	0
" , Pine	0	0	0	0	0	0	0	0	0	0	1A	1A
" , Kirtland's	0	0	0	0	0	0	0	0	0	0	0	0
" , Prairie	0	0	0	0	0	0	0	0	0	0	0	0
" , Palm (Y & W)	0	0	0	0	0	0	0	0	0	1A	3B	23B
Ovenbird	0	0	0	0	0	0	0	0	0	0	0	1A
Water-thrush, Northern	0	0	2A	1A	0	0	1A	0	0	0	0	7B
" , Louisiana	0	0	0	0	0	0	0	0	0	0	0	0
Warbler, Kentucky	0	0	0	0	0	0	0	0	0	0	0	0
" , Connecticut	0	0	0	0	0	0	0	0	0	0	0	0
" , Mourning	0	0	0	0	0	0	0	0	0	0	0	0
Yellowthroat, Northern	1A	0	1A	0	0	0	0	0	0	0	0	0
Chat, Yellow-breasted	0	0	0	0	0	0	0	0	0	0	0	0
Warbler, Hooded	0	0	0	0	0	0	0	0	0	0	0	0
" , Wilson's	0	0	0	0	0	0	0	0	0	0	0	0

Code: A 1; B 1-2; C 2-3; D 3-5; E 5-7; F 7-10; G 10-20; H 20-30; J 30-50
 S 1000-2000; T 2000-3000

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
8B	22B	28B	3A	0	0	0	0	0	0	3B	0	5A	1A	0	0	0	0
1A	7B	60D	43D	27E	18D	26D	17B	17B	35C	23D	21D	8A	2A	0	1A	0	1A
0	0	7A	7B	1A	0	0	0	0	0	2C	5B	2A	0	0	0	0	0
7B	18B	47C	26C	16B	7B	5B	7A	1A	6B	8B	1A	0	0	0	0	0	0
23C	45C	37B	6C	4D	1C	4C	0	1A	9B	10B	4A	2A	0	0	0	0	0
0	0	2B	0	3D	1D	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3A	20B	34D	10D	10C	7B	3B	0	2C	5C	0	0	0	0	0	0	0	0
2B	0	2A	1A	1A	3B	0	0	0	0	0	0	0	0	0	0	0	0
1A	1A	0	1A	1A	0	0	0	0	0	0	0	0	0	0	0	0	0
1A	15C	52G	25C	0	0	0	0	0	0	5C	3A	0	0	0	0	0	0
0	0	1B	0	0	0	0	0	0	0	0	0	3A	0	0	0	0	0
15C	36C	39B	3C	1A	2B	1D	0	0	0	5B	11A	5B	0	0	0	0	1A
5B	17C	24B	7A	0	0	0	0	0	2A	6A	5B	3B	0	0	1A	0	0
48E	61G	77H	45G	36E	21D	28D	22D	28E	30C	9B	1A	1A	0	0	0	0	0
4B	34B	61E	22E	5D	1D	3B	3B	0	7B	28D	26D	15B	5A	1A	0	0	0
3F	32D	34B	4B	0	0	0	0	0	1B	3B	4A	1A	0	0	0	0	0
12C	42C	40B	14C	3B	1D	1A	0	0	3B	16B	9C	6B	0	0	0	0	0
43K	53J	59G	9D	1A	0	1A	0	0	1B	11D	33G	41G	21E	11C	6C	8D	3F
17D	46D	50D	20C	6D	4D	4D	0	0	5B	12C	18D	9B	1A	0	0	0	0
3B	25B	41D	19C	18D	7C	11B	2A	3B	4B	1A	0	1A	0	0	0	0	0
8C	40D	47C	19C	4B	7C	0	0	0	9B	15B	11B	2B	0	0	0	0	0
0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5C	39C	51D	19C	7B	4C	5C	0	1A	6A	10B	6B	13G	11F	0	0	0	0
1A	14B	43D	20F	2A	0	0	0	0	7E	23G	24D	11B	1A	0	0	0	0
0	1A	32B	31D	4C	0	0	0	0	1C	15C	28F	18E	6H	0	0	0	0
0	0	0	0	0	0	0	0	0	1A	3A	2B	2B	0	1A	0	0	0
0	0	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3A	0	2A	0	0	0	0	0	0	0	0	1A	0	0	0	0	0	0
24D	34E	18D	3A	0	0	0	0	0	0	3B	13C	6B	2D	1A	0	0	0
6B	46C	57D	30D	19D	14C	15C	1A	2A	3B	14B	14B	0	0	0	0	0	0
15C	32C	25C	13C	5C	2A	4B	1B	7B	9B	8B	5B	2A	0	0	0	0	0
0	2E	2B	0	2A	1C	0	1G	0	0	0	0	0	0	0	0	0	0
0	0	0	2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1A	3A	2B	2A	0	0	0	0	0	0	1A	0	0	0	0	0	0
0	5B	25C	26C	19B	7B	10C	0	0	1A	1A	0	0	0	0	0	0	0
10C	34D	62E	54E	24D	17C	27C	12C	9B	14B	18C	21C	9C	2A	4A	4A	1A	2A
0	1A	1A	1A	1A	1A	1A	0	0	0	0	0	0	0	0	0	0	0
0	5B	23B	14B	13B	7C	17B	5A	3B	9B	3C	3C	0	0	0	0	0	0
1A	1A	13D	24D	2C	0	0	0	0	1A	9B	2B	0	0	0	0	0	0

K 50-70; L 70-100; M 100-200; N 200-300; P 300-500; Q 500-700; R 700-1000

	JAN				FEB				MARCH				APRIL			
	1	16			1	15			1	8	16	24	1	8	16	24
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
	15	31	14	28	7	15	23	31	7	15	23	31	7	15	23	30
Number of Reports	63	51	57	59	31	51	54	57	48	55	65	46				
Warbler, Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Redstart, American	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sparrow, English	61K	41J	50K	47J	28J	48H	50H	53H	42J	47G	57H	44G				
Bobolink	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2A
Meadowlark	1A	2E	4A	6B	5A	11E	32J	40H	39G	42G	50F	42F				
" , Western	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6A
Red-wing	8F	4D	6H	24M	14J	35P	47S	53P	45P	50P	59M	43L				
Oriole, Baltimore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blackbird, Rusty	6C	1H	1B	4C	3G	6H	9H	13H	22L	23J	29G	18G				
Grackle, Bronzed	3A	4B	1D	3D	3D	12H	40M	37J	41K	46J	57G	42G				
Cowbird	4D	1G	2A	4E	1F	3J	20M	25G	33L	38L	53G	37G				
Tanager, Scarlet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardinal	39D	22C	24C	27D	19D	32D	31C	29C	25C	27C	37C	33C				
Grosbeak, Rose-breasted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bunting, Indigo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grosbeak, Evening	0	0	1A	0	0	0	0	0	0	0	0	0	0	0	0	0
Finch, Purple	9C	8E	11E	11E	2D	3A	5B	7F	5B	11D	23G	20D				
Grosbeak, Pine	9G	4H	8G	8G	3H	4F	3F	2B	0	0	0	0				
Redpoll, Hoary	1A	1A	0	1A	1A	0	1A	0	0	0	0	0				
Redpoll	7J	6G	11H	11H	9K	12M	12M	7L	7G	3G	1A	1A				
Siskin, Pine	13F	3G	9G	14F	6F	4J	7J	2D	0	1A	6H	4F				
Goldfinch, Common	15F	7E	10G	12E	7F	11G	9E	12C	8D	6D	8C	17C				
Crossbill, Red	1A	0	0	1G	1B	1E	0	0	0	0	1A	1C				
" , White-winged	1E	1E	3G	3F	0	1A	0	1E	1A	0	0	1B				
Towhee	0	0	1A	0	1A	2A	1A	1A	0	2A	9B	11B				
Sparrow, Savannah	0	0	0	0	0	0	0	3B	12C	15C	34D	31E				
" , Grasshopper	0	0	0	0	0	0	0	0	0	0	0	4B				
" , Henslow's	0	0	0	0	0	0	0	0	0	0	0	2E				
" , Sharp-tailed	0	0	0	0	0	0	0	0	0	0	0	0				
" , Vesper	0	0	0	0	0	0	0	4A	15B	15D	20D	17D				
Junco, Slate-colored	25E	18F	19F	22E	9D	13F	15D	36F	34G	44J	58H	33J				
" , Oregon	1A	0	0	0	0	0	0	0	0	0	0	1A				
Sparrow, Tree	53G	31F	33J	39G	23G	37G	37G	39G	30G	23F	28F	10D				
" , Chipping	0	0	0	0	0	0	0	1A	1A	2A	13C	36D				
" , Field	0	0	0	0	0	0	0	1A	4B	13B	21C	34C				
" , White-crowned	0	0	0	0	0	0	0	0	0	0	0	1B				
" , White-throated	14B	6B	5B	8C	4B	4C	2B	2A	0	2B	23F	34G				
" , Fox	2B	0	2B	0	0	0	2B	9B	14E	24E	19E	12F				
" , Lincoln's	0	0	0	0	0	0	0	0	0	0	0	0				
" , Swamp	18C	5D	10C	9C	3C	8D	4C	2B	6B	21D	44E	34F				
" , Song	34C	16C	10B	28D	18C	32E	46G	52J	43H	48H	61G	46G				
Longspur, Lapland	4G	2A	4G	2D	0	8H	8G	4N	1J	3G	0	0				
Bunting, Snow	4F	8M	14L	15M	3G	7Q	9E	2D	0	0	0	0				

MAY				JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
1	8	16	24	1	16	1	16	1	16	1	16	1	16	1	16	1	16
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
7	15	23	31	15	30	15	31	15	31	15	30	15	31	15	30	15	31
61	67	80	54	42	26	42	36	38	75	63	70	58	68	61	67	38	83
0	15B	47D	30D	22D	4A	8D	1D	1A	9B	2C	0	0	0	0	0	0	0
18C	47E	73G	41G	30F	16D	22D	9A	11C	20C	24C	19C	1A	0	0	0	0	0
56H	57H	74H	47J	34G	21G	34H	29H	33J	60K	55J	61J	48J	53J	47J	59K	31J	68K
17C	33H	59G	30G	26E	16D	12C	11D	10G	26J	13F	3B	1A	0	0	0	0	0
47F	47G	65G	40E	28D	22D	26E	19C	17E	21D	13B	18D	22E	13C	7B	1G	1F	9B
3A	1A	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51J	52J	63J	45J	33H	22G	30J	24L	23P	64M	52M	54R	47Q	51P	37M	21G	7B	14D
18E	50E	75F	43D	32C	22C	18C	4B	16C	36C	11C	1A	0	0	0	0	0	0
20E	11B	12B	0	0	0	0	0	0	0	0	20G	40J	39L	26L	8K	7H	15G
49G	56G	76G	46G	34F	18F	27G	31H	26F	40H	37J	23M	17N	12N	6D	4B	1A	4E
50G	52G	71G	45F	34F	19D	30E	17G	19F	17H	10K	16M	22M	17M	5L	2J	1A	6D
3A	19B	62C	26C	22C	10C	20C	4B	5B	12B	6A	9B	2A	0	0	0	0	0
45C	59C	60D	25B	23C	17B	23C	13B	17B	27B	25B	19C	16B	13B	36C	36C	25B	46D
11C	34D	54D	11D	9A	4A	10B	1A	4C	4A	10B	10B	1A	0	0	0	0	0
0	7B	38C	19C	20C	14D	17C	12B	11B	4B	4B	2A	0	0	0	0	0	0
1A	2D	3B	2G	0	0	0	0	0	0	0	0	0	6G	17D	7G	0	6D
24E	29C	19B	4A	1A	10B	7B	0	1A	2A	4B	6B	10C	6E	25C	7E	3C	5D
0	0	0	0	0	0	0	0	0	0	0	0	0	0	18F	19G	13G	12H
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A
0	0	0	0	0	0	0	0	0	0	0	0	0	0	22G	18H	5G	17J
8E	9J	12H	4D	1A	0	0	0	0	0	0	0	10F	20H	20G	24J	6F	11G
46F	58J	79J	45H	32G	22F	40G	34G	36G	65H	55G	58G	40G	48K	41L	30D	11C	26G
1G	1B	1E	1C	1D	0	0	0	0	0	0	0	0	0	0	4F	0	0
2B	1A	0	0	0	0	0	0	0	0	0	0	0	0	4F	6D	0	3G
23C	22C	35D	7C	6E	7D	6G	2A	4B	5B	5D	4A	10B	9B	0	0	1A	0
31E	30E	51E	36D	25D	19D	21E	13C	13D	26F	24E	20G	19D	5B	1A	0	0	1A
5D	10D	31B	10B	8C	6B	9B	5B	0	0	0	0	0	0	0	0	0	0
10B	11B	31C	16B	7D	6C	8D	5B	4B	3B	0	0	0	0	0	0	0	0
0	0	0	1A	0	0	0	0	0	1A	0	0	0	0	0	0	0	0
20C	22C	37D	20C	16C	12C	11D	13C	5B	3A	2B	3D	7B	5B	0	0	0	0
26F	11B	7B	3A	4C	1D	0	0	0	0	4B	22G	39G	46G	55F	44F	18F	35F
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1A	0	3A	2A
6B	7B	0	2A	0	0	0	0	0	0	0	0	4B	22E	42H	58G	27G	59J
48F	52E	71F	41D	30D	15D	31D	22C	15C	13D	14C	8D	8B	2B	1B	0	0	0
40C	37D	54D	26C	22C	15D	20E	11B	11B	4B	2A	4B	6B	5B	0	0	0	0
19E	37F	44D	6B	0	0	0	0	0	0	0	7B	25G	10D	1A	0	0	0
52H	57H	53G	8D	0	0	1A	0	0	0	9D	52H	46J	30G	18C	15C	7B	10C
5C	0	2A	0	0	0	0	0	0	0	2A	0	10B	9C	5C	0	0	1A
1B	5D	10B	5B	1A	0	0	0	0	0	1B	1A	4B	0	0	0	0	0
41E	44D	55G	28D	22D	17C	25B	20C	17D	21C	23D	33D	29D	22C	20D	25D	12D	20D
61G	58G	68H	40G	36F	24E	40E	33E	37F	63F	51F	57F	52F	46E	36C	34C	21C	48C
3M	1G	0	0	0	0	0	0	0	0	0	0	0	0	6D	4F	5G	4D
0	0	0	0	0	0	0	0	0	0	0	0	0	23K	23K	24H	11K	16J

The names and sequence of the birds are those given in R. T. Peterson's "A Field Guide to the Birds", Houghton Mifflin Co., 1947.

In some cases the values given in the chart may not faithfully represent the actual abundance in the area. Birds had to be observed, identified and reported. Losses at each of these stages are regrettably heavy, and vary from species to species. The following example will illustrate some of these points.

Some birds are naturally shy (Lincoln's Sparrow) whereas others are conspicuous (Towhee). There is a big element of chance in observing certain species. Many are overlooked, because they may be here only a short time and their flights may be during the night or during week-day hours (spring hawk flights).

Identification is hampered by short periods of observation (Warblers), by long range observation (Scoters and Eiders), and by minute differences between similar species (Olive-backed and Gray-Cheeked Thrushes). All unusual records in this chart have been verified by the Statistics Committee.

Sometimes records remain buried in personal files. This may be due to sheer lethargy or to a feeling of futility because someone else has seen the species first or has seen more of them.

A survey of the birds of Western New York was made over 50 years ago by E. H. Eaton (Proceedings of the Rochester Academy of Science, Volume 4, pages 1-64, 1901). This gave the seasonal abundance of each species throughout the year according to the spacing of dots or the thickness of a line drawn for each species. The overall pattern of migration has changed very little, but there have been many changes in the relative abundance of various species.

The increases in Cardinal and in wintering Myrtle Warblers are probably due to a gradual increase in temperature.

The decrease in Red-headed Woodpeckers, and in summer and fall records of Woodcocks and Whip-poor-wills is probably due to the clearing of forest and swamps.

The increase in winter records of White-winged Scoters is probably due to better binoculars and scopes.

The reasons for many other changes are not immediately obvious. There are now more summer records of Ring-billed Gulls, more winter records of Great Black-backed Gulls, and more spring records of Rusty Blackbirds. The Sparrow Hawk population is now more nearly constant throughout the year.

It would be interesting to have similar charts giving the present status of birds in other areas of the state, and to have a new survey of this area after about 25 years.

I wish to thank all who turned in field reports during these years, and the members of the Stastical Committees who transferred them to master charts. I would like to acknowledge the help of Donald D. Bieber, J. Walter Corcoran Jr., Robert T. Dobson, William B. Muchmore, Richard T. O'Hara, Harry VanBeurden, and Mrs. Leo Tanghe in compiling this chart.

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Cardinals are becoming more common each year at the north end of Cayuga. (Walker). Indigo Buntings, which I reported in the last issue as being very scarce, finally arrived in early June in good numbers everywhere except in the Watkins Glen area. Goldfinches were abundant. Savannah Sparrows, still down in numbers around Ithaca, were abundant in Walker's area. Vesper and Song Sparrows were down in numbers at Avoca, and Vespers had unsuccessful nestings around Watkins Glen (Bardeen).

An unusual record is that of a White-throated Sparrow which spent several hours at the home of Miss Louise Helfer in Watkins Glen on 7/3.

Avianna, Etna, N. Y.

REGION 4 — SUSQUEHANNA

LESLIE E. BEMONT

With the exception of the first week or so of June, the weather has been extremely dry and what little rain has fallen has been the form of scattered showers. In Bainbridge the drought was serious enough so that quite large shrubs were wilting and appeared dead according to a letter from Mr. E. J. Smith. Judging from incoming reports the birds have not been affected by the dryness.

LOONS — DUCKS: There were several reports of Great Blue Herons from the Binghamton area during June and July (TCNC). This in contrast to their complete absence from all reports during the same months of '53 and '54. Seven Am. Egrets were seen on the East Branch of the Delaware a few miles below Hale Eddy 7/29 (Wilson).

A lingering flock of 15 or more Canada Geese was at Sherburne 6/ (S. White). Nesting Wood Ducks fared well on Boland's Marsh at least. 21 were counted 7/17, mostly young (TCNC).

Three Am. Mergansers were on the Beaverkill below Cook's Falls 6/3 (Wilson). A definite breeding record was obtained from this general area last year, so that it is entirely possible these birds were breeding.

HAWKS — OWLS: Four Upland Plover were found at Guilford, at an elevation of about 1700 ft., 6/16 (R. & S. White). One, which may have been a young bird, was at the same place 6/19 (Sheffields & Whites). Another bird was seen 6/30 at about the same elevation but about 10 miles away (Whites). Miss White writes that the presence of this species was suspected last year but it was impossible to get a positive identification then. Greater Yellowlegs were at Chenango Bridge 7/26 and again 7/29 (Bemont), the beginning of the fall migration.

Both Cuckoos were very much in evidence during the early part of June in the Binghamton area. They then returned to their normal secretive ways and have been much less common in reports.

GOATSUCKERS — SHRIKES: A 6/8 follow up on the Whip-poor-will reported from a few miles south of Vestal 5/29 produced only negative results. However, one was heard along a little traveled dirt road near Norwich 7/1 and again 7/6 (R. & S. White).

A Yellow-bellied Sapsucker 7/3 at Norwich (S. White) is an unusual summer record.

Kingbirds have been especially common in the Binghamton area during July, apparently due to an especially successful nesting season. Some observers say they have never before been so numerous. Reports from other areas don't report the same abundance. Alder Flycatchers were found at Whitney Point for the first time (TCNC). They seemed more common than usual at Norwich early in June during migration (S. White).

The Bank Swallow colony at Boland's Marsh showed further enlargement over last year to nearly 500 pairs. Colonies were also found near Itaska and Chenango Valley State Park (TCNC) and a small colony of twenty or more birds was found near Norwich (S. White). A few pairs were still occupying burrows at the Boland's Marsh colony 7/31 (Bemont). Barn swallows have been especially common in the Binghamton area (TCNC) and at Bainbridge (E. J. Smith). The Cliff Swallow colony near Richford appeared to be lower in numbers than last year (Bemont).

A Short-billed Marsh Wren was found at North Norwich 7/20 (Whites).

At least 5 Hermit Thrushes were heard singing near East Windsor 7/24 (TCNC).