

Wednesday, November 4, 1970

1	Marsh Hawk	1	0
2	Rock Dove	6	0
3	Mourning Dove	2	X
4	Belted Kingfisher	1	0
5	Yellow bellied Sapsucker	2	AC
6	Blue Jay	1	X
7	Common Crow	10	0 - bud
8	Mockingbird	1	0
9	Starling	90	everywhere
10	House Sparrow	50	everywhere
11	Meadowlark (specie ?)	3	0
12	Red wing Blackbird	40	a.h. X
13	Cardinal	1	X
14	Slate colored Junco	3	AC
15	Chipping Sparrow	5	AC

Today was mostly cloudy, windy and Chilly. Temperatures were low about 41° high about 51°. For the month ending Oct 31, 1970 St Joseph shows 1.97 inch precipitation which brings us up to 34.58 inches for the year which puts us 3.54 inches above normal for the year to date.

Thursday, November 5, 1970

1	Red tailed Hawk	1	0
2	Sparrow Hawk	2	0
3	Killdeer	20	0
4	Common Snipe	12	0
5	Rock Dove	3	X - 0
6	Mourning Dove	4	X - 0
7	Great Horned Owl	1	0
8	Yellow shafted Flicker	4	Nw. bud - 0
9	Red bellied woodpecker	2	Nw. bud
10	Hairy Wood pecker	2	KP - Nw. bud
11	Downy Wood pecker	2	Nw. bud
12	Blue Jay	3	Nw. bud - 0
13	Common Crow	25	KP - bud - 0
14	Black capped Chickadee	6	Nw. bud
15	Tufted Titmouse	2	Nw. bud

16 White breasted Nuthatch	1	Nw. bvd
17 Brown Creeper	1	Nw. bvd
18 Mockingbird	5	o
19 Golden crowned Kinglet	3	Nw. bvd
20 Loggerhead Shrike	2	o
21 Starling	50	everywhere
22 House Sparrow	40	everywhere
23 Western Meadowlark	8	o
24 Red wing Blackbird	60	o
25 Common Grackle	125	~~everywhere~~ o
26 Cardinal	3	Nw. bvd - o
27 Slate colored Junco	5	Nw. bvd

Today was clear and real nice. I would love weather like this to go on and on. The temperatures were low about 31° high about 62°.

Friday, November 6, 1970

1 Snow Goose	25	o. h. X
2 Blue Goose	18	o. h. X
3 Red tailed Hawk	1	AR
4 Sparrow Hawk	1	AR
5 Rock Dove	6	o. h. X
6 Downy woodpecker	1	AR
7 Blue Jay	1	bvd
8 Common Crow	125	everywhere
9 Black capped Chickadee	5	AR
10 Tufted Titmouse	3	AR
11 Robin	1	o. h. X
12 Eastern Bluebird	3	AR
13 Loggerhead Shrike	1	AR
14 Starling	150	everywhere
15 House Sparrow	40	everywhere
16 Meadowlark	3	AR
17 Redwing Blackbird	60	o. h. X
18 Common Grackle	20	o. h. X
19 Cardinal	1	X
20 American Goldfinch	6	AR
21 Slate colored Junco	5	AR

28	Tufted Titmouse	3	Kansas
30	Carolina Wren	1	Kansas
31	Eastern Bluebird	1	River Road
32	Loggerhead Shrike	3	Kansas
33	Starling	200	everywhere
34	House Sparrow	60	everywhere
35	Meadowlark (specie?)	2	Kansas
36	Red wing Blackbird	10,000	Kansas - SQ
37	Common Grackle	5,000	Kansas - SQ
38	Cardinal	8	Kansas - SQ
39	American Goldfinch	10	SQ
40	Rusty Blackbird	8	SQ
41	Slate colored Junco	20	Kansn - Nebr - Big Lake
42	Tree Sparrow	2	SQ
43	Harris Sparrow	18	Kansas - SQ

Today was cloudy all day and mild till about noon. Chilly from then on and rain from about 2 P.M. on. Pearl, Loda, Larry, Maretta and I left home at 9 A.M. & drove into Kansas. We followed the Missouri River Roads as well as we could on north to Rulo, Nebraska where we crossed back over into Missouri. We ate lunch at noon at Big Lake and then drove on over to Squaw Creek. Our birding at Squaw Creek was very poor as most of it was done in the rain. We left there about 2:45 P.M. & got home about 3:45 P.M. Temperatures low 52° high 62°

Monday November 9, 1970

1	Mallard	3	MAR
2	Common Snipe	8	o
3	Mourning Dove	1	o
4	Rock Dove	2	o
5	Yellow shelled Flicker	2	o
6	Red headed Woodpecker	1	o
7	Blue Jay	1	o
8	Common Crow	120	o.k. X - o
9	Starling	30	everywhere
10	House Sparrow	30	everywhere
11	Meadowlark (Specie?)	4	o

12 Cardinal	1	X
13 Harris Sparrow	3	0
14 Red tailed Hawk	2	bvd - 0

Today was cloudy, damp, chilly and windy all day. The temperatures were low 40° high 57°.

Tuesday November 10, 1970

1 Red tailed Hawk	1	o.h. KP
2 Golden Eagle	1	o.h. KP
3 Rock Dove	6	KP - 0
4 Mourning Dove	18	0
5 Yellow shafted Alickr	6	KP - bvd
6 Red bellied Woodpecker	3	KP
7 Red headed Woodpecker	2	bvd - 0
8 Downy Woodpecker	2	KP
9 Blue Jay	3	KP
10 Common Crow	10	X - KP
11 Black capped Chickadee	10	KP
12 Tufted Titmouse	4	KP
13 Brown Creeper	3	KP
14 Mockingbird	1	0
15 Starling	150	everywhere
16 Myrtle Warbler	1	KP
17 House Sparrow	30	everywhere
18 Common Grackle	50	0
19 Brown headed Cowbird	15	0
20 Cardinal	4	KP - 0
21 American Goldfinch	1	KP
22 Slate colored Juncos	15	KP
23 Harris Sparrow	3	0

Today was clear and nice. The temperatures were low about 33° high about 64°. I birded in Krog Park on my noon hour today. I was out in an open field watching a Red tailed Hawk soaring over head when a larger bird came into ~~view~~ view. Because of its large size I recognized it at once as an Eagle. On closer inspection I could make out that it was an immature bird.

Wednesday, November 11, 1970

1	Red tailed Hawk	1	Nw. bud
2	Rock Dove	1	X
3	y. S. Flicker	2	Nw. bud
4	Red bellied Woodpecker	2	Nw. bud
5	Hairy Woodpecker	1	Nw. bud
6	Downy Woodpecker	1	Nw. bud
7	Blue Jay	3	KP - Nw. bud
8	Common Crow	2	Nw. bud
9	Black capped Chickadee	8	Nw. bud
10	Brown Creeper	2	Nw. bud
11	Golden crowned Kinglet	2	Nw. bud
12	Starling	10	everywhere
13	House Sparrow	18	everywhere
14	Cardinal	2	X - Nw. bud
15	Slate colored Junco	6	Nw. bud

Today was cloudy & cool. Rain this late afternoon & evening
The temperatures were low about 40° high about 55°

Thursday, November 12, 1970

1	Red tailed Hawk	1	o
2	Killdeer	12	o
3	Common Snipe	1	o
4	Rock Dove	3	KP
5	Belted Kingfisher	1	o
6	Yellow shafted Flicker	3	KP
7	Red bellied Woodpecker	2	KP
8	Downy Woodpecker	2	KP
9	Blue Jay	4	bud - KP
10	Common Crow	10	o - KP
11	Black capped Chickadee	10	KP
12	Tufted Titmouse	4	KP
13	White breasted Nuthatch	2	KP
14	Brown Creeper	3	KP
15	Carolina Wren	1	KP
16	Mockingbird	2	o
17	Eastern Bluebird	2	KP
18	Loggerhead Shrike	1	o

26. Horned Owl	2	0
19 Starling	30	everywhere
20 House Sparrow	18	everywhere
21 Cardinal	4	KP-X
22 American Goldfinch	3	KP
23 Slate colored Junco	25	KP
24 Harris Sparrow	8	0
25 White throated Sparrow	6	KP

Today was cloudy + chilly + damp all day. Temperatures were low about 39° high about 41°, As can be seen I took my noon hour today on a walk in Krug Park.

Friday, November 13, 1970

1 Red tailed Hawk	1	Nw. bvd
2 Rock Dove	30	d. t.
3 Mourning Dove	11	0
4 Great Horned Owl	2	heard X
5 yellow shafted Flicker	3	Nw. bvd
6 Red bellied Woodpecker	1	Nw. bvd
7 Hairy Woodpecker	1	Nw. bvd
8 Blue Jay	2	bvd - Nw. bvd
9 Common Crow	8	X - 0
10 Black capped Chickadee	6	Nw. bvd
11 Eastern Bluebird	5	0
12 Starling	25	everywhere
13 House Sparrow	25	everywhere
14 Meadowlark (specie?)	1	0
15 Cardinal	1	X
16 Slate colored Junco	8	0
17 Harris Sparrow	3	0

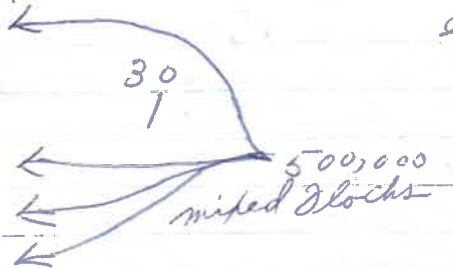
Today was cloudy + cool all day. The temperatures today were low about 41° high about 48°

Saturday, November 14, 1970

1 Horned Grebe	1	SQ
2 Canada Goose	350	SQ
3 Snow Goose	15000	SQ
4 Blue Goose	8000	SQ
5 Mallard	2000	SQ

Saturday, November 14, 1970

6	Gadwall	30	SQ
7	Pintail	1500	SQ
8	Green winged Teal	1500	SQ
9	American Widgeon	75	SQ
10	Shoveller	2500	SQ
11	Ring necked Duck	75	SQ
12	Lesser Scaup	6000	SQ
13	Bufflehead	60	SQ
14	Ruddy Duck	150	SQ
15	Hooded Merganser	133	SQ
16	Red tailed Hawk	8	AR - SQ
17	Bald Eagle	1 adult	SQ
18	Marsh Hawk	5	SQ
19	Sparrow Hawk	1	SQ
20	Bob White	1	SQ
21	American Coot	4	SQ
22	Common Snipe	1	SQ
23	Ring billed Gull	2	SQ
24	Mourning Dove	16	AR - River Rd - SQ
25	Great Horned Owl	1	AR
26	Yellow shafted Flicker	2	KP
27	Hairy Wood pecker	1	River Road
28	Downy Wood pecker	1	X
29	9 horned Lark	2	AR
30	Blue Jay	3	AR - River Rd
31	Common Crow	12	AR - SQ
32	Black capped Chickadee	1	SQ
33	Starling		every where - SQ
34	House Sparrow		every where
35	Meadowlark (specie ?)	30	SQ
36	Red wing Blackbird	1	SQ
37	Common Grackle		SQ
38	Brown headed Cowbird		SQ
39	Cardinal	6	6 rd - AR - SQ
40	Slate colored Junco	15	River Rd.



Today was cloudy, windy & cold. Temperatures low 30° high 43°. I birded by myself today 10 PM. to 5:30 PM. here to Squaw Creek and back.

Sunday, November 15, 1970

1	Common Loon	6	AP -	Kans
2	Horned Grebe	1		AP
3	Pied billed Grebe	10		AP
4	Double Crested Cormorant	3	AP -	Kans
5	Snow Goose	1		Kans
6	Mallard	2500	AP	Kans
7	Gadwall	6		Kans
8	Wintail	250		Kans
9	American Widgeon	10		Kans
10	Shoveller	150		Kans
11	Ring necked Duck	8		Kans
12	Canvasback	1		Kans
13	Lesser Scaup	2000	AP -	Kans
14	Bufflehead	15	AP -	Kans
15	Ruddy Duck	40	AP	Kans
16	~~Red Breasted~~ Common Merganser	2		AP
17	Red tailed Hawk	49	Hiway 59 - AP -	Kans
18	Marsh Hawk	3		Kans
19	American Coot	6		Kans
20	Ring billed Gull	200		Kans
21	Rock Dove	15	X - d.t. -	Kans
22	Belted Kingfisher	2		Kans
23	Yellow shafted Flicker	4	X -	Kans
24	Red bellied Woodpecker	2		Kans
25	Downy Woodpecker	1		X
26	Horned Lark	20	near ML -	Kans
27	Blue Jay	4	X -	Kans
28	Common Crow	3000	mostly AP -	Kans
29	Black capped Chickadee	1		Kans
30	Tufted Titmouse	1		Kans
31	Robin	1		Hiway 59
32	Eastern Bluebird	8		Kans
33	Loggerhead Shrike	13	Hiway 59 -	Kans
34	Starling	3000	everywhere -	Kans
35	House Sparrow	500	everywhere -	Kans
36	Meadowlark (spec. P)	35	Hiway 59 -	Kans
37	Red wing Blackbird	2		AP
38	common Grackle	3		Kans

42	Sparrow Hawk	6	Highway 59 - Kansas
39	Cardinal	6	X-AP- Kans
40	Slate colored Junco	8	Kans
41	Tree Sparrow	5	Kans

Today was clear, cold and real nice. The temperatures were low about 21° high about 40°. Pearl, Lois and I left home this morning at 9 AM. + drove to Lake Perry. It is a large impoundment made by the U.S. Corps of Engineers. We drove around the largest part of it. We drove a total of 171 miles. We got back home at 3:15 PM.

Monday, November 16, 1970

1	Common Loon	3	AP
2	Pied billed Grebe	8	AP
3	Double crested Cormorant	2	Kans - AP
4	Red head duck	7	AP
5	Lesser Scaup	40	AP
6	Bufflehead	8	AP
7	Wooded Merganser	2	AP
8	~~Red Breasted~~ Common Merganser	2	AP
9	Red tailed Hawk	1	0
10	Rock Dove	20	Kan - X - I.T.
11	Mourning Dove	2	0
12	Belted Kingfisher	1	0
13	Yellow shafted Flicker	3	AR - 0
14	Red bellied Woodpecker	1	AR
15	Hairy Woodpecker	2	X-AR
16	Blue Jay	2	bud - 0
17	Common Crow	1000	Kan - mostly AP
18	Black capped Chickadee	10	AR
19	Mockingbird	1	0
20	Eastern Bluebird	3	Nw. bud
21	Loggerhead Shrike	3	Kans - AP
22	Starling	200	Kans - everywhere
23	House Sparrow	50	Kans - everywhere
24	Meadowlark	6	AR
25	Red winged Blackbird	25	0
26	Cardinal	6	everywhere
27	American Goldfinch	5	AR

28	Slate Colored Junco	25	AR - 0
29	Tree Sparrow	8	AR
30	Harmon Sparrow	18	AR

Today was clear, cool and nice. The temperatures were low about 26° high about 57°.

Tuesday November 17, 1970

1	Red tailed Hawk	2	0
2	Marsh Hawk	1	0
3	Rock Dove	34	KP - 0
4	yellow shafted Flicker	1	bvd
5	Blue Jay	3	0
6	Common Crow	10	0
7	Mockingbird	2	0
8	Loggerhead Shrike	1	0
9	Starling	15	everywhere
10	House Sparrow	30	everywhere
11	Slate Colored Junco	6	0
12	Tree Sparrow	4	0
13	Song Sparrow	1	0

Today was clear and nice. The temperatures were low about 31° high about 55°.

Wednesday November 18, 1970

1	Red tailed Hawk	1	Nw. bvd
2	Rock Dove	12	X - 0
3	Mourning Dove	5	AC - 0
4	yellow shafted Flicker	2	Nw. bvd - 0
5	Hairy Woodpecker	1	Nw. bvd
6	Downy Woodpecker	2	Nw. bvd
7	Blue Jay	3	bvd - 0
8	Common Crow	15	0
9	Black capped Chickadee	5	Nw. bvd
10	Brown Creeper	1	Nw. bvd
11	Robin	1	AC
12	Golden Crowned Kinglet	2	Nw. bvd
13	Starling	20	everywhere
14	House Sparrow	15	everywhere

15	Cardinal	15	AC
16	Slate colored Junco	15	Nw. brd - AC

Today was clear and nice. The temperatures were low about 31° high about 53°. The deer kill in the first four days of the gun season for Missouri is 25,310.

Thursday November 19, 1970

1	Sparrow Hawk	1	0
2	Killdeer	15	0
3	Rock Dove	30	X - 0
4	Mourning Dove	3	0
5	Great Horned Owl	1	0
6	Blue Jay	4	brd - 0
7	Common Crow	30	KP - 0
8	Mockingbird	1	0
9	Starling	15	everywhere
10	House Sparrow	25	everywhere
11	(Western Meadowlark (1W-19-7)	20	0 MAR
12	Cardinal	2	0
13	Tree Sparrow	8	MAR
14	Song Sparrow	1	MAR

Today was cloudy and rainy all day. The temperatures today were low about 46° high about 53°.

Friday, November 20, 1970

1	Marsh Hawk	1	0
2	Sparrow Hawk	2	0
3	Killdeer	7	0
4	Rock Dove	16	0
5	Yellow shafted Flicker	3	brd - 0
6	Blue Jay	4	brd - 0
7	Common Crow	15	KP - 0
8	Black capped Chickadee	1	0
9	Mockingbird	2	0
10	Loggerhead Shrike	1	0
11	Starling	15	everywhere
12	House Sparrow	10	everywhere

13 Cardinal 1

14 Slate Colored Junco 8 KP

Today was clear and nice. The temperatures were low about 34° high about 57°.

Saturday, November 21, 1970

1	Canada Goose	200	SQ
2	Snow Goose	50000	SQ
3	Blue Goose	40000	SQ
4	Mallard	8000	SQ
5	Black duck	2	SQ
6	Pintail	500	SQ
7	Green winged Teal	175	SQ
8	Shoveller	250	SQ
9	Redhead	3	SQ
10	Canvasback	2	SQ
11	Lesser Scaup	27	SQ
12	Bufflehead	1	SQ
13	Ruddy Duck	3	SQ
14	Hooded Merganser	7	SQ
15	Common Merganser	3	~~AR-River Rd~~ - SQ
16	Red tailed Hawk	15	AR-River Rd - SQ
17	Harlans Hawk	1	SQ
18	Bald Eagle	2 (1-im 1-a)	SQ
19	Marsh Hawk	2	SQ
20	Sparrow Hawk	2	o - AR - SQ
21	American Coot	2	SQ
22	Franklins Gull	6	SQ
23	Rock Dove	20	o - d. t.
24	Mourning Dove	16	near SQ
25	Red bellied Woodpecker	1	River Rd
26	Downy Woodpecker	1	River Rd.
27	Common Crow	18	o - River Rd - SQ
28	Black capped Chickadee	4	River Rd - SQ
29	Starling	500	everywhere
30	House Sparrow	60	everywhere
31	Redwing Blackbird	10,000	mostly SQ

32	Common Grackle	500	SG
33	Cardinal	8	River Rd - SG
34	American Goldfinch	2	SG
35	Tree Sparrow	15	SG

To day was partly cloudy + nice all day. It was a wonderful day at Sq. Cr. to use my scope. I have never seen visibility better. When the sun is bright it is not good to use the scope because of a shimmer that the sun's reflection on the water gives off. The temperature was low about 45° high about 60°. We left home at 10 PM + got back home at 6 P.M.

Sunday November 22, 1970

1	Common Loon	3	AP
2	Pied billed Grebe	7	LC - AP
3	White Pelican	1	AP
4	Snow Goose	} 35	near ML
5	Blue Goose		near ML
6	Mallard	4	AP
7	Lesser Scaup	1	Kansas
8	Bufflehead	2	AP
9	~~Chestnut~~ Hooded Merganser	2	AP
10	Red breasted Merganser	2	AP
11	Red tailed Hawk	2	LC - AP
12	Marsh Hawk	2	LC - AP
13	Sparrow Hawk	5	LC - ML - AP
14	Ring billed Gull	1	AP
15	Rock Dove	50	LC - ML
16	Mourning Dove	2	AP
17	Yellow Shafted Flicker	1	X
18	Horned Lark	5	ML ~~LC~~
19	Blue Jay	3	X - LC
20	Common Crow	750	mostly AP
21	Black capped Chickadee	2	LC & HR
22	Mockingbird	1	X
23	Robin	3	AC
24	Golden Crowned Kinglet	1	HR
25	Loggerhead Shrike	1	ML - AP

26	Starling	500	everywhere
27	House Sparrow	75	everywhere
28	Meadowlark	6	LC - ML
29	Cardinal	8	LC - ML - HR
30	Rufous sided Towhee (Spotted)	1	HR
31	Slate colored Junco	2	HR
32	Tree Sparrow	15	ML
33	Harris Sparrow	1	ML

Today was cloudy, windy and cold. The temperatures were low about 21° high about 50°. Pearl and I birded 9 AM until 1 PM. I stayed in the rest of the afternoon.

Monday, November 23, 1970

1	Red tailed Hawk	1	KP
2	Rock Dove	10	KP - °
3	Mourning Dove	1	°
4	Blue Jay	2	X
5	Common Crow	6	KP - °
6	Black capped Chickadee	1	°
7	Starling	15	everywhere
8	House Sparrow	20	everywhere
9	Meadowlark (Sp. - ?)	7	°
10	Cardinal	2	X
11	Slate colored Junco	2	X

Today was clear and cold. The temperatures were low about 12° high about 23°. I spent my noon hour at home today hoping to see an adult male Baltimore Oriole that Pearl saw this morning at 9:15 AM. in our Cedars. She called me at work but I was on a long distance call and by the time I finished and called her back the bird had gone.

Tuesday, November 24, 1970

1	Red tailed Hawk	1	X a.h.
2	Sparrow Hawk	1	°
3	Rock Dove	3	KP
4	Yellow shafted Flicker	2	KP - bird
5	Downy Woodpecker	1	X

6	Blue Jay	3	X - 0
7	Common Crow	75	X - 0
8	Mockingbird	2	X - 0
9	Eastern Bluebird	1	X
10	Loggerhead Shrike	1	0
11	Starling	50	mostly X
12	House Sparrow	66	mostly X
13	Meadowlark (Sp.?)	10	0
14	Cardinal	2	X

Today was clear, chilly but nice. I came home for lunch again today instead of going out. The temperatures today were low about 10° high about 33°.

Wednesday, November 25, 1970

1	yellow shafted Flicker		KP
2	Common Crow	15	o.h. X
3	Starling	10	X
4	House Sparrow	20	X

Today was clear and nice but because we were busy at work I didn't get to do any birding. The temperatures were low about 30° high about 54°.

Thursday, November 26, 1970

1	Common Loon		AP
2	Pied billed Grebe	3	AP
3	Snow Goose	1	LC
4	Green winged Teal	2	0
5	~~Red breasted~~ Merganser	2	AP
6	Red Tailed Hawk	5	d.t. - LC - AP - 0
7	Sparrow Hawk	8	everywhere
8	Bob White	7	LC
9	American Coot	1	AP
10	Rock Dove	18	X - d.t.
11	Mourning Dove	17	LC - 10
12	Yellow shafted Flicker	3	LC - AC - 0
13	Red bellied Woodpecker	1	LC
14	Downy Woodpecker	1	X
15	Horned Lark	4	LC

16	Blue Jay	10	everywhere
17	Common Crow	135	everywhere
18	Black capped Chickadee	2	LC HR
19	White breasted Nuthatch	1	AC
20	Carolina Wren	1	HR
21	Mockingbird	1	o
22	Robin	3	AC
23	Eastern Bluebird	2	HR
24	Golden crowned Kinglet	1	AC
25	Loggerhead Shrike	3	LC-AP-o
26	Starling	60	everywhere
27	House Sparrow	75	everywhere
28	Meadowlark (Sp?)	20	LC-o
29	Red winged Blackbird	15	LC
30	Common Grackle	1	X
31	Cardinal	5	everywhere
32	Slate colored Junco	48	HR-o-AC
33	Tree Sparrow	20	LC-HR-o
34	Harris Sparrow	1	o
35	Lapland longspur	75	LC

Today was clear and rather balmy early a.m. but around noon or a little later it clouded up and began to get cooler. I banded by myself 9 a.m. to 11:30 a.m. home to Lake Contrary, airport and back home. Larry & I drove through the Cemetery. Because today was Thanksgiving day Pearl's mother, Lois, Larry and Marcella for dinner. Fred left last night for Wyoming to go hunting. Temperatures low 37° high 60°

Friday November 27, 1970

1	Red tailed Hawk	1	o
2	Sparrow Hawk	1	o
3	Rock Dove	3	o
4	Mourning Dove	1	o
5	Blue Jay	1	o
6	Common Crow	8	AR-o
7	Mockingbird	1	o
8	Starling	10	AR-o

9	House Sparrow	6	AR - 0
10	Meadowlark	5	AR - 0
11	Cardinal	2	0
12	Tree Sparrow	6	AR
~~13~~ Today was cloudy, damp + chilly all day. The temperatures			
~~14~~ were low about 37° high about 40°.			

Saturday, November 28, 1970

1	Red-tailed Hawk	3	X - bud - 0
2	Rock Dove	10	KP - 0
3	Mourning Dove	2	0
4	Yellow-shafted Flicker	1	AC
5	Hairy Woodpecker	1	0
6	Downy Woodpecker	1	X
7	Blue Jay	2	X - 0
8	Common Crow	15	0
9	Mockingbird	1	0
10	Robin	2	AC
11	Starling	15	everywhere
12	House Sparrow	25	everywhere
13	Meadowlark (sp?)	6	0
14	Brewer's Blackbird	2	0
15	Common Grackle	1	X
16	Cardinal	2	X
17	Slate-colored Junco	12	0
18	Tree Sparrow	6	0
19	Harris Sparrow	1	0

1. day was cloudy + misty all day. Temperatures were low about 36° high about 44°. I stayed in and watched football all afternoon instead of going out birding.

Sunday, November 29, 1970

1	Common Loon	1	AP
2	Canada Goose	2500	SQ
3	Snow Goose	50000	SQ
4	Blue Goose	25000	SQ
5	Ross' Goose	1	SQ

Sunday, November 29, 1970

6	Mallard	50,000	SQ
7	Black Duck	3	SQ
8	Pintail	150	SQ
9	Greenwinged Teal	15	SQ
10	American Widgeon	8	SQ
11	Shoveller	9	SQ
12	Lesser Scaup	2	SO
13	Red tailed Hawk	25	AR-River Rd - SQ
14	Harlan's Hawk	1	River Road
15	Bald Eagle	28	(9-ad 19-im) SQ
16	Marsh Hawk	1	SQ
17	Sparrow Hawk	6	AR-River Rd - SQ
18	Ring necked Pheasant	1	SQ
19	American Coot	4	SQ
20	Rock Dove	60	mostly d.t.
21	Mourning Dove	5	AR-River Rd
22	Great Horned Owl	1	SQ
23	Barred Owl	1	River Rd
24	Yellow-shafted Flicker	8	AR-River Rd - SQ
25	Red-bellied Woodpecker	4	River Rd - SQ
26	Red-headed Woodpecker	1	River Rd
27	Hairy Woodpecker	1	River Rd
28	Downy Woodpecker	4	AR-River Rd - SQ
29	Blue Jay	20	everywhere
30	Common Crow	500	mostly AP
31	Black capped Chickadee	8	River Rd - SQ
32	Tufted Titmouse	3	River Rd
33	White-breasted Nuthatch	2	River Rd - SQ
34	~~Red-bellied Woodpecker~~ Brown Creeper	1	River Rd
35	Carolina Wren	1	River Rd
36	Mockingbird	2	AR
37	Robin	3	AC
38	Loggerhead Shrike	2	AR-AP
39	Starling	1500	everywhere
40	House Sparrow	200	everywhere
41	Meadowlark (Sp?)	8	AR-River Rd - SQ
42	Red-wing Blackbird	500	River Rd - SQ
43	Brewer's Blackbird	10	River Rd - SQ

44	Common Grackle	6	X - 56
45	Cardinal	30	everywhere
46	Purple Finch	5	River Rd.
47	American Goldfinch	2	River Rd.
48	Slate colored Junco	25	everywhere
49	Tree Sparrow	25	everywhere
50	Harris Sparrow	3	AR
51	Song Sparrow	1	SA

To day was clear and real nice. A bit too bright if anything. The temperatures were low about 46° high abt 62°. I banded all day today by myself. I left home at 7:30 AM + drove to Squaw Creek by way of A.R. and River Road. Got back home at 3 PM and then drove to the Air port and Ashland Cemetery and finally got back home at about 4:30 PM.

Monday November 30, 1970

1	Sparrow Hawk	3	o
2	Rock Dove	15	o
3	Downy Woodpecker	1	o
4	Blue Jay	4	o
5	Common Crow	50	o
6	Mockingbird	1	o
7	Loggerhead Shrike	1	o
8	Starling	25	X - o
9	House Sparrow	20	X - o
10	Meadowlark (Sp. ?)	5	o
11	Redwing Blackbird	75	o
12	Cardinal	2	o
13	Tree Sparrow	12	o
14	Harris Sparrow	1	o

To day was cloudy, damp and humid. The temperatures were low about 52° high about 69°.

Tuesday, ~~November~~ Dec 1, 1970

1	Sparrow Hawk	1	Kansas
2	Rock Dove	35	o - d. t.
3	Downy Woodpecker	1	X

4/ Common Crow	1500	AP
5. White breasted Nuthatch	1	brd
6 Loggerhead Shrike	2	AP-Kansas
7 Starling	40	everywhere
8 House Sparrow	60	everywhere
9 Red wing Blackbird	2	Kansas
10 Cardinal	2	HR
11 Harris Sparrow	2	HR

Today was clear, windy and warm. The temperatures were low about 43° high about 69°, I didn't go out at noon but this evening I drove to the airport and saw no water birds at all. A record high temperature today

Wednesday December 2, 1970

1 Rock Dove	10	d. t.
2 Downy Woodpecker	1	X
3 Blue Jay	1	brd
4 Common Crow	3	KP
5 Starling	6	KP - X
6 House Sparrow	10	KP - X
7 <u>Baltimore Oriole</u>	1 ♂	X
8. Common Grackle	1	X
9 Cardinal	1	X

Today was clear and nice but I was without a ~~car~~ vehicle so I didn't get to go birding. Temperatures were low about 29° high about 66°, Pearl called me this morning about 9 a.m. that the Baltimore Oriole was back in our cedar trees. I hurried home and he was still there. Even in breeding plumage.

Thursday December 3, 1970

1 Red tailed Hawk	3	KP - 0
2 Bob White	10	0
3 Rock Dove	1	KP
4 Mourning Dove	1	0
5 Great Horned Owl	1	0
6 ~~Red~~ Yellow shafted Flicker	4	Nw. brd - 0
7 Red bellied Woodpecker	2	Nw. brd

8	Downy Woodpecker	1	0
9	Horned Lark	6	0
10	Blue Jay	1	600
11	Common Crow	25	KP - 0
12	Black capped Chickadee	4	Nw. bud
13	Mockingbird	2	0
14	Starling	18	everywhere
15	House Sparrow	25	everywhere
16	Meadowlark (sp?)	15	0
17	Red wing Blackbird	100	0
18	Common Grackle	1	X
19	Cardinal	2	KP - 0
20	Slate colored Junco	15	KP - 0

Today was clear & nice but windy. The temperatures were low about 41° high about 65°

Friday, December 4, 1970

1	Red tailed Hawk	6	AR - 0
2	Sparrow Hawk	3	AR - 0
3	Rock Dove	2	0
4	Yellow shafted Flicker	1	AR
5	Red bellied Woodpecker	2	AR
6	Downy Woodpecker	2	AR
7	Blue Jay	3	AR
8	Common Crow	25	o.k. X
9	Black capped Chickadee	8	AR
10	Starling	35	everywhere
11	House Sparrow	50	everywhere
12	Cardinal	6	AR
13	American Goldfinch	3	AR
14	Slate colored Junco	25	AR
15	Tree Sparrow	20	AR

Today was clear and nice if a bit windy. Temperatures were low about 25° high about 57°. My son-in-law Fred Hamilton was in this evening! He had been deer hunting in north eastern Wyoming where he saw some sharp tailed House and Gray P. artridge.

Saturday, December 5, 1970

1	Canada Goose	1800	SQ
2	White-fronted Goose	100	SQ
3	Snow Goose	50000	SQ
4	Blue Goose	30000	SQ
5	Ross' Goose	1	SQ
6	Mallard	25000	SQ
7	Black Duck	2 ~~200~~	SQ
8	Pintail	260	SQ
9	Green-winged Teal	60	SQ
10	Common Merganser	20	SQ
11	Red-tailed Hawk	16	AR-River Rd-SQ
12	Rough-legged Hawk	1	SQ
13	Bald Eagle	14	SQ
14	Marsh Hawk	8	SQ
15	Sparrow Hawk	2	o - River Rd
16	Killdeer	5	SQ
17	Ring-billed Gull	1	SQ
18	Rough Dove	3	o
19	Great Horned Owl	1	SQ
20	Yellow-shafted Flicker	1	o
21	Red-bellied Woodpecker	3	AR-River Rd
22	Red-headed Woodpecker	1	River Rd.
23	Blue Jay	4	6rd - AR
24	Common Crow	18	o - AR
25	Mockingbird	1	o
26	Robin	1	AC
27	Loggerhead Shrike	2	River Rd
28	Starling	35	everywhere
29	House Sparrow	75	everywhere
30	Western Meadowlark	6	o
31	Red-wing Blackbird	50,000	SQ
32	Common Grackle	60	SQ
33	Cardinal	15	mostly SQ
34	American Goldfinch	2	River Rd
35	Slate-colored Junco	15	o - River Rd
36	Tree Sparrow	6	SQ
37	Song Sparrow	1	River Rd

(next page)

Today was clear & nice but chilly. The temperatures were low about 28° high about 44°. Beaul & I left home at 12:30 PM. I took for lunch with us. We got home at 6 PM.

Sunday, December 6, 1970

1	Common Loon	1	AP
2	Snow Goose	6000	o.h. HC
3	Blue Goose	4000	o.h. HC
4	Pintail	1	AP
5	Red tailed Hawk	6	AR - HC
6	Sparrow Hawk	1	AR
7	Bob White	8	HC
8	American Coot	2	AP
9	Rock Dove	10	AR - DE.
10	Barred Owl	2	HC
11	Yellow shafted Flicker	12	AR - HC
12	Red bellied Woodpecker	2	HC
13	Red headed Woodpecker	1	HC
14	Hairy Woodpecker	2	HC
15	Downy Woodpecker	3	X - HC
16	Blue Jay	10	everywhere
17	Common Crow	500	mostly AP
18	Black capped Chickadee	20	HC
19	Tufted Titmouse	6	HC
20	White breasted Nuthatch	2	HC
21	Carolina Wren	2	HC
22	Robin	4	AC - HC
23	Eastern Bluebird	2	HC
24	Loggerhead Shrike	2	AR - AP
25	Starling	60	everywhere
26	House Sparrow	30	everywhere
27	Meadowlark (Sp. ?)	15	AP
28	Red wing Blackbird	125	AP
29	Common Grackle	1	X
30	Cardinal	24	HC
31	American Goldfinch	18	HC
32	Rufous sided Towhee	1	HC

33	Slate colored Junco	60	HC
34	Tree Sparrow	18	HC
35	White throated Sparrow	6	HC
36	Song Sparrow	7	HC

Today was clear, cold but nice. The temperatures were low about 18° high about 42°. Larry and I went hunting this morning at Honey Creek. We left home about 8:30 am & got home at 1 P.M. This evening I drove to Ashland Cemetery and the Airport.

Monday, December 7, 1970

1	Red tailed Hawk	3	0
2	Rock Dove	25	d.t.
3	Crow	30	everywhere
4	Starling	15	everywhere
5	House Sparrow	25	everywhere
6	Cardinal	1	0

Today was clear and nice. The temperatures were low about 26° high about 59°.

Tuesday, December 8, 1970

1	Crow	35	a.h. - X
2	Starling	12	X
3	House Sparrow	15	X

Nothing to say. Temperatures low 40° high 58°

Wednesday, December 9, 1970

1	Sparrow Hawk	1	0
2	Rock Dove	6	0
3	Great Horned Owl	2	X - Nw. bud
4	Yellow shafted Flicker	3	Nw. bud
5	Red bellied Woodpecker	1	Nw. bud
6	Hairy Woodpecker	1	Nw. bud
7	Hairy Woodpecker	1	Nw. bud
8	Blue Jay	3	Nw. bud
9	Common Crow	60	0 - X
10	Black capped Chickadee	6	Nw bud

11	~~Catbird~~	1	Nw. bvd
12	Robin	4	AC
13	Starling	25	everywhere
14	House Sparrow	15	everywhere
15	Common Grackle	1	X
16	Cardinal	3	X - Nw bvd
17	Slate colored Junco	12	Nw. bvd - 0

Today was clear and real nice. The temperatures today were low about 33° high about 51°. I had my second very unexpected bird of the month today when I saw the catbird in a tangle of undergrowth along a creek.

Thursday, December 10, 1970

1	Red tailed Hawk	1	0
2	Marsh Hawk	1	0
3	Rock Dove	3	X
4	Mourning Dove	2	0
5	Blue Jay	1	bvd
6	Common Crow	50	X - bvd - 0
7	Mockingbird	1	0
8	Starling	15	everywhere
9	House Sparrow	25	everywhere
10	Western Meadowlark	15	0
11	Common Grackle	1	X
12	Cardinal	3	X - 0
13	Slate colored Junco	10	0
14	Tree sparrow	3	0

Today was cloudy, rainy & chilly all day. The temperatures were low about 35° high about 42°.

Friday, December 11, 1970

1	Red tailed Hawk	2	0
2	Sparrow Hawk	2	0
3	Rock Dove	5	XP - 0
4	Mourning Dove	5	0
5	yellow shafted Flicker	2	AC
6	Blue Jay	1	bvd
7	Common Crow	60	0 - 0, X

8 Starling	20	everywhere
9 House Sparrow	30	everywhere
10 Common Grackle	1	X
11 Slate colored Junco	18	o
12 Cardinal	16	o
13 Harris Sparrow	8	o

Today was cloudy and cold. The temperatures were low about 24° high about 40°.

Saturday, December 12, 1970

1 Common Loon	1	AP
2 Red billed Gull	1	AP
3 Canada Goose	1	AP
4 Snow Goose	5	AP
5 Blue Goose	1	AP
6 Mallard	350	AP
7 Red tailed Hawk	11	Kans - everywhere
8 Marsh Hawk	2	LC-AP
9 Sparrow Hawk	5	Kans - o-LC-AP
10 American Coot	3	LC-AP
11 Rock Plover	30	mostly d.t.
12 Short eared Owl	1	LC
13 Hairy Woodpecker	5	X-AL-LC-ML
14 Hooded Merganser	30	ML-LC
15 Blue Jay	3	6-L-LC
16 Common Crow	150	mostly AP
17 Black capped Chickadee	3	LC-ML-AP
18 Mockingbird	1	X
19 Loggerhead Shrike	2	LC-AP
20 Starling	150	everywhere
21 House Sparrow	50	everywhere
22 E. Meadowlark	18	LC-AP
23 Red wing Blackbird	3	LC
24 Common Grackle	3	X-AP
25 Cardinal	6	everywhere
26 Slate colored Junco	30	LC-ML
27 Tree Sparrow	12	ML

28 Swamp Sparrow 1 LC
29 Song Sparrow 2 0 - LC

Today was cloudy and cool but nice. The temperatures were low about 27° high about 40°. Pearl and I birded all afternoon around Lake Contrary, Mud Lake and the Airport. I drove through Ashland Cemetery at 12 Noon when I got off from work. An hour and a half later Mark Robbins walked through Ashland Cemetery and saw an Evening Grosbeak.

Sunday December 13, 1970

1	Common Loon	1	AP
2	Snow Goose	} 250	LC - AP
3	Blue Goose		LC - AP
4	Mallard	150	0 - AP
5	Red tailed Hawk	5	0 - LC - AP
6	Marsh Hawk	1	AP
7	Sparrow Hawk	5	0 - AP - ML
8	Bob White	12	AC
9	Rock Dove	25	LC - ML
10	Mourning Dove	1	AP
11	Short eared Owl	1	MA R
12	Yellow shafted Flicker	5	AC - LC - ML
13	Red bellied Woodpecker	2	AC
14	Yellow bellied Sapsucker	1	KP
15	Downy Woodpecker	4	0 - AC - LC
16	Horred Lark	25	0 - LC
17	Blue Jay	20	everywhere
18	Common Crow	500	mostly ~~AP~~ AP
19	Black capped Chickadee	25	AC
20	Tufted Titmouse	8	AC
21	White breasted Nuthatch	3	AC
22	Brown Creeper	4	AC
23	Mockingbird	1	0
24	Robin	1	AC
25	Golden crowned Kinglet	2	AC
26	Cedar waxwing	2	AC
27	Loggerhead Shrike	2	LC - ML

28	Starling	150	everywhere
29	House Sparrow	150	everywhere
30	Meadowlark (sp?)	30	o - LC-AP
31	Red wing Blackbird	60	LC-AP
32	Common Grackle	3	X-AC
33	Cardinal	30	mostly AC
34	American Goldfinch	5	AC - south of town
35	Slate colored Junco	40	mostly AC
36	Tree Sparrow	6	LC
37	Swamp Sparrow	2	LC
38	Song Sparrow	2	LC

Today was clear and real nice. The temperatures were low about 26° high about 49°. I birded 9 AM till 6 P.M. Pearl & I spent over an hour this morning in Ashland Cemetery looking for the evening Grosbeak but no luck. This afternoon I spent birding with Sammy Pace. He is a 16 year old boy from south of town who seems to be interested in birds. He is a Junior at the Jancett High School.

Monday, December 14, 1970

1	Rock Dove	3	KP
2	Mourning Dove	5	AC
3	Yellow Shafted Flicker	5	KP
4	Red bellied Woodpecker	1	KP
5	Red headed Woodpecker	1	bud
6	Downy woodpecker	3	X - KP
7	Blue Jay	6	bud - KP
8	Common Crow	40	everywhere
9	Black capped Chickadee	12	KP
10	Tufted Titmouse	5	KP
11	White breasted Nuthatch	1	KP
12	Brown Creeper	2	KP
13	Carolina Wren	1	KP
14	Eastern Bluebird	1	KP
15	Starling	35	everywhere
16	Myrtle Warbler	1	KP
17	House Sparrow	25	everywhere

18	Common Grackle	2	o - X
19	Cardinal	10	X - KP
20	American Goldfinch	2	KP
21	State colored Junco	20	KP

Today was clear and real nice. The temperatures today were low about 25° high about 54°. As can be easily seen, I took my noon day walk today in Kong Park.

Tuesday, December 15, 1970

1	Red tailed Hawk	1	o
2	Rock Dove	4	KP
3	Shorteared Owl	1	o
4	Downy woodpecker	1	o
5	Crow	500	fly in o
6	Black capped Chickadee	1	b-c
7	Mockingbird	1	b-c
8	Robin	1	X
9	Starling	35	everywhere
10	House Sparrow	25	everywhere
11	Cardinal	4	b-c - o
12	State colored Junco	10	o

Today was cloudy & cool all day. Temperatures low 36° high 48°

Wednesday December 16, 1970

1	Sparrow Hawk	1	o
2	Rock Dove	8	o - KP
3	Downy woodpecker	1	X
4	Blue Jay	1	o
5	Common Crow	60	o
6	Eastern Bluebird	2	o
7	Foggerhead Shrike	1	o
8	Starling	20	everywhere
9	House Sparrow	18	everywhere
10	Meadowlark	8	o
11	Red wing Blackbird	1 ♀	o
12	Cardinal	8	X - o AC
13	State colored Junco	12	AC
14	Tree Sparrow	3	o

Today was cloudy & dark all day after about a one inch snow during the night. The temperatures low about 34° high about 35°

Thursday, December 17, 1970

1	Redtailed Hawk	3	0
2	Marsh Hawk	1	0
3	Sparrow Hawk	5	0
4	Bob White	15	0
5	Rock Dove	15	0
6	Mourning Dove	2	0
7	Great Horned Owl	1	0
8	Downy woodpecker	1	0
9	Blue Jay	1	0
10	Common Crow	75	0
11	Black capped Chickadee	2	0
12	Mockingbird	3	0
13	Eastern Bluebird	2	0
14	Loggerhead Shrike	2	0
15	Starling	45	everywhere
16	House Sparrow	30	everywhere
17	Meadowlark	8	0
18	Red wing Blackbird	3	0
19	Cardinal	2	0
20	Slate colored Junco	10	0
21	Harris Sparrow	8	0

Today was cloudy, foggy & chill until about 4 P.M. when it cleared off. Temperatures low 34° high 47°.

Friday, December 18, 1970

1	Rock Dove	12	d. t. - X
2	Common Crow	40	o. h. b. d
3	Starling	15	everywhere
4	House Sparrow	15	everywhere
5	Cardinal	7	AC - X
6	Slate colored Junco	4	AC

Today was cloudy, foggy & chilly. Temp. high 30° low 36°

Saturday, December 19, 1970

1	Common Loon	1	AP
2	Canada Goose	2	AP
3	Snow Goose	10	AP
4	Blue Goose	2	AP

Saturday, December 19, 1976

5	Mallard	150	o. h. AP
6	Red tailed Hawk	1	AP
7	Marsh Hawk	7 (5♂ - 2♀)	MAR
8	Sparrow Hawk	2	o - AP
9	Rock Dove	20	d. t.
10	Mourning Dove	7	MAR
11	Short eared Owl	1	MAR
12	Belted Kingfisher	1	Kansas
13	Yellow shafted Flicker	2	bvd
14	Downy Woodpecker	3	o - x - AP
15	Blue Jay	2	o - bvd
16	Common Crow	1500	mostly AP - Kansas
17	Black capped Chickadee	2	o
18	Starling	75	everywhere
19	House Sparrow	20	everywhere
20	Meadowlark (sp. ?)	4	Kansas
21	Cardinal	3	bvd - AP
22	Tree Sparrow	1	AP

6:00 Sky was clear and cold. The temperatures were down about 20° high about 30°. I was out today only about 2 1/2 hours this afternoon. I rested the rest of the time.

Sunday, December 20, 1976

1	Canada Goose	275	SQ
2	Snow Goose	} 20,000	SQ
3	Blue Goose		SQ
4	Mallard	40,000	SQ
5	Pintail	10	SQ
6	Red tailed Hawk	40	everywhere
7	Harlequin Hawk	1	SQ
8	Rough legged Hawk	1	SQ
9	Bald Eagle	90 (about 30% adults)	SQ
10	Marsh Hawk	12	SQ
11	Sparrow Hawk	3	AR - River Rd - SQ
12	Bobwhite	25	AC - AR
13	Ring-necked Pheasant	8	SQ
14	Rock Dove	12	AP - d t

Sunday, December 20, 1970

15	yellow shafted Flicker	5	River Rd - SQ
16	Red bellied Woodpecker	8	AR - River Rd - SQ
17	Red headed Woodpecker	2	River Rd
18	Downy Woodpecker	4	AR - River Rd - SQ
19	Blue Jay	12	everywhere
20	Common Crow	35	everywhere
21	Black capped Chickadee	10	everywhere
22	Tufted Titmouse	3	River Rd - SQ
23	White breasted Nuthatch	2	River Rd - SQ
24	Robin	1	AC
25	Cedar Waxwing	3	AC
26	Loggerhead Shrike	3	River Rd - AR
27	Starling	150	everywhere
28	House Sparrow	60	everywhere
29	Meadowlark	40	AR - River Rd - SQ
30	Red wing Blackbird	75	SQ
31	Common Grackle	1	SQ
32	Cardinal	40	everywhere
33	American Goldfinch	18	AR - River Rd - SQ
34	Slate colored Junco	150	everywhere
35	Tree Sparrow	60	mostly SQ
36	Harris Sparrow	15	AR
37	White crowned Sparrow	1	SQ
38	Song Sparrow	1	SQ

Today was mostly cloudy and cold, The temperatures were low about 16° high about 34°. I banded all day from home to Sycamore Creek and back with Sammy Place, the same boy I banded with last Sunday

Monday, December 21, 1970

1	Rock Dove	6	X
2	Crow	18	o.k. X
3	Mockingbird	1	X
4	Starling	15	o - X
5	House Sparrow	40	o - X
6	Cardinal	1	X

Today was cloudy & chilly with a misty freezing rain all day. Temperatures were low 30° high 34°

Tuesday, December 22, 1970

1	Common Loon	1	AP
2	Snow Goose	20	AP
3	Blue Goose	18	AP
4	Mallard	4	AP
5	Red tailed Hawk	3	o - AP - KANS
6	Sparrow Hawk	2	o - KANS
7	Rock Dove	10	o
8	Yellow shafted Flicker	1	o
9	Downy woodpecker	2	o
10	Blue Jay	2	o
11	Common Crow	500	AP
12	Black capped Chickadee	5	o
13	Mockingbird	1	o
14	Starling	50	everywhere
15	House Sparrow	25	everywhere
16	~~Field~~ Meadowlark (Sp?)	2	KANS
17	Cardinal	10	o
18	State colored Junco	25	o
19	Tree Sparrow	8	o
20	Harris Sparrow	6	o
21	Song Sparrow	1	o

Today was cloudy & cold all day. Ice under foot. The temperatures were low about 33° high about 38°

Wednesday
~~Monday~~ December 23, 1970

1	Snow Goose	6	o
2	Red tailed Hawk	1	o
3	Bob White	10	AK
4	Rock Dove	3	KP
5	Mourning Dove	10	o
6	Yellow shafted Flicker	1	bvd
7	Red bellied Woodpecker	1	X
8	Blue Jay	1	bvd
9	Common Crow	75	everywhere
10	Cedar Waxwing	30	AC
11	Starling	35	everywhere
12	House Sparrow	10	everywhere

13	Cardinal	18	AC
14	Slate colored Junco	3	AC

Today was clear and cold. The Temperatures were low about 14° high about 32°.

Thursday
~~Wednesday~~ December 24, 1970

1	Red tailed Hawk	6	0
2	Marsh Hawk	1	0
3	Rock Dove	10	dt
4	Mourning Dove	1	0
5	Belted Kingfisher	1	0
6	yellow shafted Flicker	1	0
7	Red bellied Woodpecker	1	0
8	Downy Woodpecker	1	0
9	Blue Jay	1	0
10	Common Crow	25	0
11	Black capped Chickadee	2	AC 0
12	Mockingbird	1	X
13	Golden crowned Kinglet	1	AC
14	Loggerhead Shrike	1	0
15	Starling	40	everywhere
16	House Sparrow	30	everywhere
17	Meadowlark	5	0
18	Cardinal	4	bd-AC-0
19	Slate colored Junco	3	0
20	Tree Sparrow	3	0
21	Song Sparrow	2	0

Today was clear and nice. The Temperatures were low about 13° high about 44°.

Friday, December 25, 1970

1	Mallard	300	AR
2	Red tailed Hawk	5	0-AR
3	Marsh Hawk	1	0
4	Sparrow Hawk	3	0-AR
5	Rock Dove	1	KP
6	Mourning Dove	3	AR
7	yellow shafted Flicker	2	0

8	Red bellied Woodpecker	1	AR
9	Blue Jay	2	o - AR
10	Common Crow	30	everywhere
11	Black capped Chickadee	8	o - AR
12	Tufted Titmouse	3	AR
13	Mockingbird	4	X - o
14	Eastern Bluebird	3	AR
15	Loggerhead Shrike	3	o - AR
16	Sterling	150	everywhere
17	House Sparrow	35	everywhere
18	Cardinal	15	everywhere
19	American Goldfinch	8	AR
20	Slate colored Sparrow	10	o - AR
21	Tree Sparrow	15	o - AR
22	Harris Sparrow	8	AR
23	Song Sparrow	2	o - AR

Today was clear and cold. The temperatures were low about 18° high about 32°.

Saturday, December 26, 1970

1	Snow Goose	1500	AR
2	Blue Goose	1000	AR
3	Red tailed Hawk	3	LC - AR
4	Marsh Hawk	1	AR
5	Sparrow Hawk	3	LC - AR
6	Rock Dove	100	d.t.
7	Mourning Dove	35	LC - AR - o
8	Great Horned Owl	2	o
9	Short eared Owl	1	MAR
10	Yellow shafted Flicker	8	everywhere
11	Red bellied Woodpecker	3	LC - HR
12	Red headed Woodpecker	1	bird
13	Horned Lark	15	AR
14	Blue Jay	6	everywhere
15	Common Crow	100	LC - AR
16	Black capped Chickadee	2	LC - HR
17	Tufted Titmouse	1	HR
18	Eastern Bluebird	3	HR

19	Loggerhead Shrike	4	LC-AR-0
20	Starling	450	everywhere
21	House Sparrow	150	everywhere
22	Meadowlark	10	LC-AR-0
23	Red Wing Blackbird	1 ♀	LC
24	Cardinal	10	everywhere
25	Slate colored Junco	15	everywhere
26	Tree Sparrow	18	LC & AR
27	Swamp Sparrow	2	LC

To day was clear and nice. The temperatures were low about 26° high about 46°. I birded by myself this afternoon just seeing what I could pick up.

Sunday, December 27, 1970 (Xmas Count)

1	Common Loon	1	1	AP
2	Snow Goose	4500	4500	a.h. Mo. River
3	Blue Goose	2500	2500	a.h. Mo. River
4	Mallard	1	1	a.h. Mo. River
5	Red tailed Hawk	19	-4	23 everywhere
6	Harlan's Hawk	2	2	near Stock yards
7	Marsh Hawk	9	9	AR-0-MAR
8	Sparrow Hawk	11	11	everywhere
9	Mourning Dove	6	6	AR-0-MAR
10	Great Horned Owl	4	4	AR-0
11	Short eared Owl	3	3	MAR-0
12	G. S. Flicker	14	-10	24 everywhere
13	R. S. Flicker	1	1	AR
14	Red bellied Woodpecker	8	8	everywhere
15	Red headed Woodpecker	1	1	b.c.
16	Hairy Woodpecker	2	-3	5 KP-AC
17	Downy Woodpecker	9	-1	10 everywhere
18	Horned Lark	1	1	AP
19	Blue Jay	17	-17	34 everywhere
20	Common Crow	1042	-13	1055 mostly AP
21	Black capped Chickadee	30	-21	51 everywhere
22	Tufted Titmouse	15	-4	19 everywhere
23	White breasted Nuthatch	4	4	AP-KP
24	Brown Creeper	4	-1	5 KP-AC

Wednesday, December 30, 1970

1	Rock Dove	3	KP
2	Blue Jay	1	bvd
3	Common Crow	10	o.h. AC
4	Golden crowned Kinglet	1	AC
5	Cedar Waxwing	7	AC
6	Starling	15	everywhere
7	House Sparrow	20	everywhere
8	Cardinal	2	AC
Today was cloudy & damp, light rain late afternoon. The temperatures were low about 28° high about 46°.			

Thursday, December 31, 1970

1	Redtailed Hawk	1	o
2	Sparrow Hawk	2	o
3	Rock Dove	20	X - KP
4	Mourning Dove	10	o
5	Downy Woodpecker	1	X
6	Blue Jay	1	o
7	Common Crow	25	o.h. X
8	Black capped Chickadee	1	o
9	Mockingbird	4	o
10	Starling	20	everywhere
11	House Sparrow	25	everywhere
12	Meadowlark	6	o
13	Cardinal	5	o
Today was mostly clear and nice. Temperatures were low about 24° high about 42°.			

Life Birds for Missouri

1. Common Loon	11-7-70	11-7-70
2. Arctic Loon		
3. Horned Grebe	10-3-70	10-3-70
4. Eared Grebe	4-13-70	1-20-70
5. Western Grebe		
6. Red billed Grebe	3-7-70	1-14-70
7. White Pelican	4-5-70	1-22-70
8. Double Crested Cormorant	4-19-70	1-19-70
9. Great Blue Heron	3-31-70	1-14-70
10. Green Heron	4-22-70	4-22-70
11. Little Blue Heron	6-14-70	1-17-70
12. Cattle Egret	5-3-70	1-17-70
13. Common Egret	4-4-70	1-17-70
14. Snowy Egret		1-21-70
15. Louisiana Heron		1-18-70
16. Black crowned Night Heron	4-9-70	1-23-70
17. Yellow crowned Night Heron	7-5-70	7-5-70
18. Least Bittern	6-7-70	6-7-70
19. American Bittern	5-3-70	1-26-70
20. ~~White faced Ibis~~ Glossy Ibis		
21. White faced Ibis	5-17-70	1-17-70
22. White Ibis		1-23-70
23. American Flamingo		
24. Whistling Swan		
25. Canada Goose	1-4-70	1-4-70
26. Brant-		1-19-70
27. White fronted Goose	3-8-70	1-14-70
28. Snow Goose	1-1-70	1-1-70
29. Blue Goose	1-1-70	1-1-70
30. Ross' Goose	11-29-70	1-17-70
31. Mallard	1-1-70	1-1-70

38.	American Widgeon	2-22-70	1-17-70
39.	Shoveller	3-7-70	1-17-70
40.	Wood Duck	3-8-70	1-14-70
41.	Red head	3-14-70	3-14-70
42.	Ring necked Duck	2-19-70	1-21-70
43.	Carpenter	2-28-70	1-21-70
44.	Heater Stamp	2-22-70	1-17-70
45.	Heater Stamp	3-31-70	1-19-70
46.	Common Goldeneye	3-27-70	1-20-70
47.	Buff Head		
48.	Chickadee		
49.	White Throated Scooter	3-14-70	1-19-70
50.	Ruddy Duck	4-6-70	1-17-70
51.	Hooded Merganser	2-22-70	2-22-70
52.	Common Merganser	3-31-70	1-21-70
53.	Red breasted Merganser	4-5-70	1-14-70
54.	Turkey Vulture		1-18-70
55.	Black Vulture		
56.	Mississippi Kite		
57.	Screech Owl		
58.	Sharp Shinned Hawk	2-6-70	2-6-70
59.	Cospar Hawk	5-6-70	1-24-70
60.	Red Tailed Hawk	1-1-70	1-2-70
61.	Starling Hawk	1-4-70	1-4-70
62.	Red Shouldered Hawk	4-5-70	1-17-70
63.	Bronzed Hawk	4-26-70	4-26-70
64.	Swainson Hawk	6-14-70	6-14-70
65.	Sharp Shinned Hawk	1-30-70	1-30-70
66.	Golden Eagle	2-8-70	2-8-70
67.	Bald Eagle	1-1-70	1-1-70
68.	Marsh Hawk	1-1-70	1-1-70

75.	Whooping Crane	1-21-70
76.	Sand hill Crane	1-17-70
77.	King Rail	6-7-70 1-24-70
78.	Virginia Rail	8-15-70 1-24-70
79.	Sora	9-7-70 9-7-70
80.	Purple Gallinule	
81.	Common Gallinule	5-30-70 1-19-70
82.	American Coot	3-8-70 1-16-70
83.	Semipalmated Plover	4-26-70 4-26-70
84.	Piping Plover	4-26-70 1-22-70
85.	Snowy Plover	
86.	Killdeer	1-1-70 1-1-70
87.	American Golden Plover	3-31-70 3-31-70
88.	Black-bellied Plover	5-17-70 1-21-70
89.	Ruddy Turnstone	5-17-70 5-17-70
90.	American Woodcock	
91.	Common Snipe	1-1-70 1-1-70
92.	Long-billed Curlew	1-17-70
93.	W. Kingbird	
94.	Upland Plover	5-2-70 5-2-70
95.	Spotted Sand piper	4-26-70 4-26-70
96.	Solitary Sand piper	4-26-70 4-26-70
97.	Willet	5-24-70 1-19-70
98.	Greater yellowlegs	4-19-70 1-17-70
99.	Lesser yellowlegs	4-18-70 1-17-70
100.	Knot	5-24-70 5-24-70
101.	Rectoral Sand piper	4-15-70 4-15-70
102.	White-rumped Sand piper	5-16-70 5-16-70
103.	Bayards Sand piper	4-5-70 4-5-70
104.	Least Sand piper	5-3-70 1-23-70

112.	Masked Boobit	5-2-70	1-21-70
113.	Huttonian Boobit	5-14-70	5-14-70
114.	Sanderling	5-17-70	1-25-70
115.	American Quail	4-26-70	4-26-70
116.	Black-necked Stilt		1-27-70
117.	Wilson's Phalarope	4-26-70	4-26-70
118.	Northern Phalarope	9-19-70	9-19-70
119.	Herring Gull	4-18-70	1-15-70
120.	Ring-billed Gull	2-21-70	1-20-70
121.	Arctic Skua	5-14-70	5-14-70
122.	Bonaparte's Skua		1-23-70
123.	Fork-tailed Tern	7-19-70	1-21-70
124.	Common Tern	8-30-70	8-30-70
125.	Least Tern	6-21-70	6-21-70
126.	Caribbean Tern	5-24-70	5-24-70
127.	Red-tail Tern	5-10-70	5-10-70
128.	Rock Dove	1-1-70	1-1-70
129.	Mourning Dove	1-1-70	1-1-70
130.	Yellow-billed Cuckoo	5-13-70	5-13-70
131.	Black-billed Cuckoo	5-22-70	5-22-70
132.	Barn Owl	2-8-70	2-8-70
133.	Saw-whet Owl	6-13-70	6-13-70
134.	Great Horned Owl	1-1-70	1-1-70
135.	Screech Owl		
136.	Barn Owl	1-3-70	1-3-70
137.	Long-eared Owl	2-22-70	2-22-70
138.	Short-eared Owl	1-1-70	1-1-70
139.	Saw-whet Owl	2-22-70	2-22-70
140.	Chickadee	5-30-70	5-30-70
141.	Whip-poor-will	5-17-70	5-17-70

149.	Red bellied Wood pecker	1-1-70	1-1-70
150.	Red-headed Wood pecker	1-1-70	1-1-70
151.	Yellow-bellied Sapsucker	1-1-70	1-1-70
152.	Hairy Wood pecker	1-1-70	1-1-70
153.	Downy Wood pecker	1-1-70	1-1-70
154.	Eastern Kingbird	4-19-70	4-19-70
155.	Western Kingbird	5-2-70	5-2-70
156.	Scissor-tailed Flycatcher	8-16-70	8-16-70
157.	Great crested Flycatcher	4-27-70	4-27-70
158.	Eastern Phoebe	4-5-70	1-18-70
159.	Yellow-bellied Flycatcher	5-17-70	5-17-70
160.	Acadian Flycatcher	5-12-70	5-12-70
161.	Trail's Flycatcher	5-3-70	5-3-70
162.	Least Flycatcher	5-3-70	5-3-70
163.	Eastern Wood Pewee	5-24-70	5-24-70
164.	Olive-sided Flycatcher	1-1-70	1-1-70
165.	Horned Lark	4-15-70	1-20-70
166.	Tree Swallow	4-18-70	4-18-70
167.	Bank Swallow	4-19-70	4-19-70
168.	Rough-winged Swallow	4-15-70	4-15-70
169.	Barn Swallow	5-17-70	5-17-70
170.	Cliff Swallow	3-27-70	3-27-70
171.	Purple Martin	1-1-70	1-1-70
172.	Blue Jay	1-1-70	1-1-70
173.	Common Crow	1-1-70	1-1-70
174.	Black Capped Chickadee	1-30-70	1-14-70
175.	Carolina Chickadee	1-1-70	1-1-70
176.	Tufted Titmouse	1-11-70	1-11-70
177.	White-breasted Nuthatch		
178.	Red-breasted Nuthatch		

186.	Mockingbird	1-1-70	1-1-70
187.	Catbird	4-23-70	4-23-70
188.	Brown Thrasher	4-16-70	1-19-70
189.	Robin	1-1-70	1-1-70
190.	Wood Thrush	5-4-70	5-4-70
191.	Hermit Thrush	4-16-70	1-21-70
192.	Louisiana Thrush	4-28-70	4-28-70
193.	Gray Cheeked Thrush	5-1-70	5-1-70
194.	Veery	5-12-70	5-12-70
195.	Eastern Bluebird	1-1-70	1-1-70
196.	Townsend's Solitaire		
197.	Blue Gray Gnatcatcher	4-26-70	1-20-70
198.	Golden crowned Kinglet	2-5-70	2-5-70
199.	Ruby crowned Kinglet	4-8-70	1-14-70
200.	W. Alder Ayrat		1-18-70
201.	Bohemian W. Wren		
202.	Cedar Waxwing	2-17-70	1-14-70
203.	Long headed Sparrow	1-1-70	1-1-70
204.	Starling	1-1-70	1-1-70
205.	White eyed Vireo	5-1-70	5-1-70
206.	Belted Vireo	5-12-70	5-12-70
207.	Yellow-throated Vireo	4-23-70	4-23-70
208.	Solitary Vireo	4-24-70	1-20-70
209.	Red eyed Vireo	5-3-70	5-3-70
210.	Philadelphia Vireo	9-13-70	9-13-70
211.	Warbling Vireo	4-26-70	4-26-70
212.	Black and White Warbler	4-24-70	4-24-70
213.	Aristonotary Warbler	5-6-70	5-6-70
214.	Worm-eating Warbler		
215.	Golden-winged Warbler	5-12-70	5-12-70

223.	Cape May Warbler	10-31-70	10-31-70
224.	Black Throated Blue Warbler		
225.	Myrtle Warbler	1-3-70	1-3-70
226.	Black Throated Green Warbler	5-1-70	5-1-70
227.	Cerulean Warbler	5-17-70	5-17-70
228.	Black-byrnian Warbler		
229.	Yellow Throated Warbler	4-23-70	4-23-70
230.	Chestnut sided Warbler	5-10-70	5-10-70
231.	Bay Breasted Warbler	5-12-70	5-12-70
232.	Blackpoll Warbler	5-3-70	5-3-70
233.	Pine Warbler		1-25-70
234.	Prairie Warbler		
235.	Palm Warbler	4-26-70	4-26-70
236.	Ovenbird	4-26-70	4-26-70
237.	Northern Waterthrush		
238.	Louisiana Waterthrush	4-20-70	4-20-70
239.	Kentucky Warbler	4-26-70	4-26-70
240.	Connecticut Warbler		
241.	Mourning Warbler		
242.	Yellowthroat	4-22-70	1-22-70
243.	Yellow Breasted Chat	5-10-70	5-10-70
244.	Wilson's Warbler	5-3-70	5-3-70
245.	Canada Warbler	9-13-70	9-13-70
246.	American Redstart	5-10-70	5-10-70
247.	House Sparrow	1-1-70	1-1-70
248.	Bobolink	5-12-70	5-12-70
249.	Eastern Meadowlark	2-8-70	1-14-70
250.	Western Meadowlark	1-1-70	1-1-70
251.	Yellow headed Blackbird	2-22-70	2-22-70
252.	Red winged Blackbird	1-1-70	1-1-70

260.	Summer Tanager	5-3-70	5-3-70
261.	Cardinal	1-1-70	1-1-70
262.	Rosebreasted Grosbeak	4-26-70	4-26-70
263.	Blue Grosbeak	5-23-70	5-23-70
264.	Indigo Bunting	4-22-70	4-22-70
265.	Dickcissel	4-26-70	4-26-70
266.	Evening Grosbeak	1-1-70	1-1-70
267.	Purple Finch	1-1-70	1-1-70
268.	Pink Grosbeak		
269.	Common Redpoll	1-1-70	1-1-70
270.	Pine Siskin	1-1-70	1-1-70
271.	American Goldfinch	1-1-70	1-1-70
272.	Red Crossbill		
273.	White winged Crossbill		
274.	Red winged Blackbird	1-10-70	1-10-70
275.	Dark ~~Red~~ Bunting	5-16-70	5-16-70
276.	Savannah Sparrow	3-29-70	1-17-70
277.	Swainson Sparrow	4-26-70	4-26-70
278.	Band Sparrow		
279.	Lee Carter Sparrow	4-4-70	4-4-70
280.	Henslow Sparrow		
281.	Sharp tailed Sparrow		
282.	Vesper Sparrow	4-4-70	1-17-70
283.	White Sparrow	4-26-70	1-22-70
284.	Slate colored Quince	1-1-70	1-1-70
285.	Oregon Quince	3-12-70	3-12-70
286.	Tide Sparrow	1-1-70	1-1-70
287.	Chipping Sparrow	4-11-70	4-11-70
288.	Gray colored Sparrow	9-12-70	9-12-70
289.	Grilled Sparrow	3-8-70	1-14-70

297. Lapland Longspur 1-1-70 1-1-70
298. Smith's Longspur
299. Ferruginous Hawk 10-2-70 10-2-70

Out of State Birds

1. Red necked Stole 1-19-70
2. Brown Pelican
3. Olivaceous Cormorant
4. Pelagic Cormorant
5. Grunting
6. Magnificent Frigate-bird 1-19-70
7. Wood Stork
8. Associate Spermhill 1-22-70
9. Trumpet Swan
10. Mottled Duck 1-19-70
11. Surf Scoter
12. Prairie Falcon
13. Greater Prairie Chicken
14. Sage Thrush
15. Mountain Quail
16. Goshawk
17. American Osprey
18. Wilson's Phalarope
19. California Gull 1-21-70
20. Redwinged Blackbird
21. Gulf Stopped Tern
22. Royal Tern
23. Black Skimmer
24. Horned Grebe 1-21-70
25. Roadrunner 1-15-70
26. Burrowing Owl 1-20-70
27. White-throated Swift
28. Texas Woodpecker
29. Black Phoebe
30. Say's Phoebe 1-20-70
31. Say's Phoebe

Out of State Birds

1-29-70

38. Fish Crow
39. Clarke Nutcracker
40. Boon-headed Nuthatch
41. Western Bluebird
42. Mountain Bluebird
43. Audubons Warbler
44. Hooded Warbler
45. Boat-tailed Grackle
46. Painted Bunting
47. House Finch
48. Green-tailed Towhee
49. Bachman's Sparrow
50. Gray-headed Junco
51. My. Corvid Longspur
52. Chestnut-collared Longspur

1-15-70

1-22-70

53. Least Grebe
54. Reddish Egret
55. Bulwer Tree Hawk
56. White-tailed Hawk
57. Harris Hawk
58. Caracara
59. Turkey
60. Clapper Rail
61. Indigo Bunting
62. Parula
63. Golden-fronted Woodpecker
64. Ladder-backed Woodpecker
65. Vermilion Flycatcher
66. Black-crowned Titmouse

1-20-70
1-21-70
1-27-70
1-22-70
1-20-70
1-18-70
1-19-70
1-24-70
1-19-70
1-20-70
1-20-70
1-19-70
1-20-70
1-16-70

