

12	Robin	5	brd - X
13	Starling	25	o - brd - X
14	Common yellowthroat	1	o
15	House Sparrow	6	o - brd - X
16	Eastern Meadowlark	3	o
17	Red winged Blackbird	6	X - o
18	Common Grackle	30	brd - X - o
19	Cardinal	3	brd - X
20	Chickadee	1	o

Today was partly cloudy hot and humid after a thunder storm & 8 tenths of an inch of rain beginning after midnight. I didn't take my drive this evening after work on my way home as I went directly to the barber shop for a hair cut. Pearl worked outside most of the day. Temperatures today were low 73° high 94°

Thursday, July 20, 1978

1	Bob White	2	o
2	Killdeer	2	o
3	Solitary Sandpiper	1	o
4	Rock Dove	4	o
5	Mourning Dove	6	o
6	Night Hawk	2	X
7	Chimney Swift	5	o - X
8	Common Flicker	1	o
9	Red headed Wood pecker	2	o
10	Downy Wood pecker	1	o
11	Eastern Kingbird	3	brd - o
12	Eastern Wood Pewee	1	brd
13	Rough winged Swallow	6	o
14	Barn Swallow	8	o
15	Cliff Swallow	1	o
16	Purple Martin	5	X - o
17	Blue Jay	7	X - brd
18	Black capped Chickadee	2	X - brd
19	House Wren	3	X - brd
20	Catbird	2	X - brd

21	Robin	8	x - bvd
22	Loggerhead Shrike	2	0
23	Starling	25	x - bud - 0
24	Common Yellowthroat	1	0
25	House Sparrow	16	x - 0
26	Bobolink	1	0
27	Eastern Meadowlark	5	0
28	Western Meadowlark	2	0
29	Redwinged Blackbird	10	0
30	Common Grackle	36	x - 0 - bud
31	Cardinal	6	x bud
32	Indigo Bunting	2	0
33	Wickissel	10	0
34	Grasshopper Sparrow	3	0
35	Chipping Sparrow	1	x
36	Field Sparrow	1	0
37	Brown Thrasher	1	x

↑
 Today was cloudy almost all day with spells of light rain off & on all day. The temperatures were low 73° high 82°. Larry is on vacation now so today he, Chad and Pearl went fishing out to Stentons (Fee) light Lake. Chad caught 26 fish, Pearl 15 and Larry 7. When they finished this afternoon they threw them all back. I doubt if the six largest ones even weighed a pound. But Pearl really loved it. In fact all three of them had a good time. Larry really loves his mother and so does Chad love his grandmother.

Friday, July 21, 1978

1	Bob White	1	0
2	Killdeer	1	0
3	Solitary Sandpiper	1	0
4	Rock Dove	4	0
5	Mourning Dove	5	0
6	Nighthawk	4	x - 0
7	Chimney Swift	4	x - 0
8	Red-headed Woodpecker	1	0

9	Eastern Kingbird	1	0
10	Barn Swallow	15	0
11	Purple Martin	4	x - 0
12	Blue Jay	3	x - brd
13	Black capped Chickadee	1	x
14	House Wren	3	x - brd
15	Catbird	2	x - brd
16	Brown Thrasher	2	brd
17	Robin	12	x - brd
18	Starling	25	0 - x - brd
19	House Sparrow	7	0 - x
20	Common Yellowthroat	1	0
21	Eastern Meadowlark	4	0
22	Western Meadowlark	2	0
23	Red winged Blackbird	5	0
24	Common Grackle	20	0 - x - brd
25	Brown headed Cowbird	2	brd
26	Cardinal	6	x - brd
27	Indigo Bunting	2	0
28	Nickel	10	0
29	Grasshopper Sparrow	2	0
30	Chipping Sparrow	2	x
31	Field Sparrow	1	0

Today was mostly clear, hot + humid. The temperatures were low 73° high 93°. I got another raise today. I have only one year to go now until retirement but my raise is near \$1000 a year.

Saturday, July 22, 1978

1	Mallard	1	SQ
2	Wood Duck	1	AR
3	Turkey Vulture	3	near HC
4	Red tailed Hawk	1	near SQ
5	American Kestrel	3	AR - SQ
6	Bob White	5	AR - 0
7	Killdeer	2	0
8	Solitary Sandpiper	1	0

9	Forsters Tern	3	SQ
10	Black Tern	20	SQ
11	Rock Dove	8	AR - X - 0
12	Mourning Dove	23	AR - X - 0 - SQ
13	Yellow-billed Cuckoo	3	HC - SQ
14	Nighthawk	1	X
15	Chimney Swift	20	X
16	Ruby-throated Hummingbird	1	X
17	Belted Kingfisher	1	SQ
18	Red-bellied Woodpecker	1	HC
19	Red-headed Woodpecker	5	AR - 0 - HC
20	Downy Woodpecker	1	AR
21	Eastern Kingbird	6	AR - 0 - HC - SQ
22	Great-crowned Flycatcher	1	HC
23	Eastern Phoebe	1	SQ
24	Eastern Wood Pewee	2	SQ
25	Rough-winged Swallow	6	0
26	Barn Swallow	50	everywhere
27	Purple Martin	35	AR - 0 - X - SQ
28	Blue Jay	10	AR - X - SQ
29	Common Crow	1	HC
30	Black-capped Chickadee	3	X - HC
31	House Wren	3	X - AR
32	Catbird	4	X - SQ
33	Brown Thrasher	5	X - SQ
34	Robin	20	AR - X - HC - SQ
35	Loggerhead Shrike	1	0
36	Sterling	275	everywhere
37	Bells Vireo	3	SQ - 0
38	Common Yellowthroat	7	SQ - AR
39	House Sparrow	20	everywhere
40	Eastern Meadowlark	10	AR - 0 - SQ
41	Western Meadowlark	2	0
42	Red-winged Blackbird	35	AR - 0 - SQ
43	Orchard Oriole	8	HC - SQ
44	Common Grackle	60	everywhere
45	Brown-headed Cowbird	20	AR - 0 - HC

46	Cardinal	12	everywhere
47	Rosebreasted Grosbeak	1	near HC
48	Blue Grosbeak	1	AR
49	Indigo Bunting	8	AR - 0 - HC - SG
50	Dickcissel	28	AR - 0 - HC - SG
51	American Goldfinch	1	SG
52	Rufous-sided Towhee	2	HC
53	Grasshopper Sparrow	4	0 - AR
54	Chipping Sparrow	4	X - 0 - SG
55	Field Sparrow	2	HC

Today was mostly cloudy, fairly breezy + pleasant most of the day. I did not work today. Phil & Dave worked. I took a short drive this morning out Amazonia Road and east of town. Then this afternoon Pearl and I drove up to Honey Creek and on to Squaw Creek. Because of heavy rains most of Squaw Creek was locked off because of muddy roads. Temperatures today were low 72 high 83°.

Sunday, July 23, 1978

1	Canada Goose	30	PEL
2	Mallard	5	PEL
3	Wood Duck	1	AR
4	Red-tailed hawk	2	0
5	Bob White	6	AR - 0
6	Killdeer	7	0
7	Solitary Sand piper	1	0
8	Forsters Tern	1	PEL
9	Rock Dove	8	X - AR - 0
10	Mourning Dove	30	X - AR - 0 - PEL
11	Yellow-billed Cuckoo	2	0
12	Night hawk	1	X
13	Chimney Swift	40	X
14	Ruby-throated Hummingbird	2	X
15	Red-bellied woodpecker	1	0 - PEL
16	Red-headed woodpecker	14	ER - AR - 0 - PEL
17	Downy woodpecker	3	0 - X
18	Eastern Kingbird	8	AR - 0 - ER - PEL

19	Eastern Wood Pewee	1	0
20	Rough winged Swallow	8	0 - PEL
21	Barn Swallow	60	ER - AR - 0 - PEL
22	Purple Martin	15	AR - 0 - PEL
23	Blue Jay	6	AR - X - ER
24	Common Crow	5	AR - 0
25	Black capped Chickadee	3	X - PEL
26	House Wren	3	X - AR
27	Mockingbird	1	0
28	Catbird	8	X - AR - ER
29	Brown Thrasher	7	X - AR - PEL - ER
30	Robin	30	everywhere
31	Horned Lark	1	PEL
32	Starling	160	everywhere
33	Warbling Vireo	1	0
34	Common yellowthroat	3	AR - PEL
35	House Sparrow	30	everywhere
36	Eastern Meadowlark	15	AR - 0 - ER
37	Western Meadowlark	2	0
38	Red winged Blackbird	25	AR - 0 - PEL - ER
39	Orchard Oriole	2	PEL
40	Common Grackle	25	everywhere
41	Brown headed Cowbird	20	AR - 0 - ER
42	Cardinal	8	X - AR - ER
43	Rose breasted Grosbeak	1	ER
44	Indigo Bunting	6	0 - ER
45	Redbreasted	65	AR - 0 - PEL - ER
46	American Goldfinch	1	PEL
47	Grosbeak Sparrow	3	0 - ER
48	Chipping Sparrow	3	X
49	Bobolink	2	0

Today was clear and nice. The temperatures were low 63° high 80°. We got up at 7 A.M., ate breakfast & then took a little drive up Amazonia Road. At 10:30 A.M. we went to church. After lunch we drove to Pony Express Lake & came back road by way of the Easton Road. Due to heavy rains up north of us all the rivers are about out of their banks.

Monday, July 24, 1978

1	Bob White	2	0
2	Killdeer	2	0
3	Rock Dove	7	0
4	Mourning Dove	4	0
5	~~Bob White~~ Nitehawk	1	X
6	~~House Sparrow~~ Chimney Swift	20	0 - X
7	Ruby throated Hummingbird	1	X
8	Red bellied Wood pecker	1	0
9	Eastern Kingbird	4	0
10	Rough wing Swallow	6	0
11	Barn Swallow	7	0
12	Purple Martin	3	X
13	Blue Jay	3	bvd
14	House Wren	2	X
15	Catbird	2	X
16	Brown Thrasher	1	X
17	Robin	15	bvd - X
18	Loggerhead Shrike	3	0
19	Starling	75	X - bvd - 0
20	House Sparrow	8	X - 0
21	Eastern Meadowlark	5	0
22	Western Meadowlark	3	0
23	Red winged Blackbird	2	0
24	Common Grackle	35	X - bvd - 0
25	Cardinal	4	bvd - X
26	Indigo Bunting	1	0
27	Wickessel	10	0
28	Grasshopper Sparrow	2	0

Today was clear & warm. The temperatures were low 60° high 82°.

Tuesday, July 25, 1978

1	Great blue heron	6	SG
2	Green Heron	1	SG
3	Great Egret	3	SG
4	Mallard	35	SG
5	Bob White	3	SG
6	Ring necked Pheasant	28	SG

7	Killdeer	20		50
8	Yellow legs (sp)	3		50
9	Black Tern	35		50
10	Rock Dove	5		0
11	Mourning Dove	28	0 -	50
12	yellow billed Cuckoo	2		50
13	Great horned Owl	1		50
14	Night hawk	1		X
15	Chimney Swift	30	0 -	50
16	Belted King fisher	1		50
17	Common Flicker	2		50
18	Red bellied Woodpecker	1		50
19	Red headed Woodpecker	12		50
20	Downy Woodpecker	1		50
21	Eastern King bird	5		50
22	Eastern Wood Pewee	1		50
23	Tree Swallow	1		50
24	Bank Swallow	6		50
25	Barn Swallow	850	0 -	50
26	Cliff Swallow	10		50
27	Purple Martin	35	0 -	50
28	Blue Jay	4	brd -	50
29	House Wren	4	X -	50
30	Robin	20	brd - X -	50
31	Starling	100	brd - X -	50 - 0
32	Bells Vireo	1		50
33	yellow Warbler	1		50
34	Common yellowthroat	10		50
35	House Sparrow	30	X -	50 - 0
36	Eastern Meadowlark	8	0 -	50
37	Red wing blackbird	125		50
38	Orchard Oriole	3		50
39	Common Grackle	25	brd -	50
40	Cardinal	6	brd - X -	50
41	Indigo Bunting	8		50
42	Blackcissel	40		50
43	American Goldfinch	10		50
44	Grasshopper Sparrow	1		near HC

Today was clear and hot. The temperatures were low 69° high 98° when I got off from work at 3:30 P.M. I headed straight for Squaw Creek. I had a call at home yesterday evening to ask if I would help with a youth conservation group in making a tour of the refuge. The leader of the group a Mr. Richard A. Boutwell is a biology instructor at Missouri Western State College. Also working with the group was a high school biology teacher, a Mr. Jimmy Carter from Oregon, Mo. and ~~the~~ Jack Hilsabeck from Rosendale is also working as an instructor with the group. There were about 18 boys & girls in the group of high school & college age. Leo Salloway & his wife Ruth also came up to help. We made the tour of the refuge and then went back to head quarters where we had a weiner roast and wound up with cake, ice cream and watermelon. I got home at about 8:45 P.M. I missed a lot of common birds today but really enjoyed the group.

Wednesday July 26, 1978

1	Belted White	1		0
2	Killdeer	3		0
3	Solitary Sandpiper	1		0
4	Rock Dove	8		0
5	Mourning Dove	10	X -	0
6	Night Hawk	2	X	
7	Chimney Swift	35	X	
8	Ruby Throated hummingbird	1	X	
9	Red headed Wood pecker	1		0
10	Rough winged Swallow	7		0
11	Barn Swallow	12	X -	0
12	Purple Martin	7	X -	0
13	Blue Jay	5	X -	6 v d
14	House Wren	3	X -	6 v d
15	Catbird	2	X	
16	Brown Thrasher	2	X	
17	Robin	35	mostly o.k.	X
18	Loggerhead Shrike	2		0

19	Starling	440	O.h. X
20	House Sparrow	30	X
21	Eastern Meadowlark	4	0
22	Red winged Blackbird	25	O.h. X - 0
23	Common Grackle	65	mostly O.h. X
24	Brown headed Cowbird	125	O.h. X
25	Cardinal	5	X - bvd
26	Indigo Bunting	2	0
27	Wickcissel	3	0
28	Eastern Kingbird	2	0
29	Wood Thrush	1	bvd

Today was clear and warm. The temperatures were low 77° high 94°. I finally got my binoculars back today. I sent them back to the Tasko company on June 9, 1978

Thursday July 27, 1978

1	American Kestrel	1	0
2	Killdeer	2	0
3	Solitary Sandpiper	1	0
4	Rock Dove	10	0
5	Mourning Dove	7	X - 0
6	Night hawk	1	X
7	Chimney Swift	30	X
8	Ruby throated hummingbird	1	X
9	Common Flicker	1	X
10	Eastern Kingbird	5	X - 0
11	Rough winged Swallow	10	0
12	Barn Swallow	8	0
13	Purple Martin	2	X
14	Blue Jay	4	X - bvd
15	Black capped Chickadee	1	X
16	House Wren	2	X - bvd
17	Catbird	3	X - bvd
18	Brown Thrasher	3	X - bvd
19	Robin	15	X - bvd
20	Loggerhead Shrike	1	0

21	Starling	200	mostly o.h. X
22	House Sparrow	30	o-bvd - X
23	Eastern Meadowlark	3	0
24	Western Meadowlark	2	0
25	Red winged Blackbird	30	o.h. X - 0
26	Common Grackle	36	X - bvd - 0
27	Brown headed Cowbird	20	o.h. X
28	Cardinal	4	X - bvd
29	Indigo Bunting	2	0
30	Blue Grosbeak	6	0
31	American Goldfinch	1	0
32	Chipping Sparrow	1	X

Today was clear + hot but not so humid. Temperatures were low 62° high 90°. Tomorrow is Chads birthday so Pearl had a birthday supper for him this evening. He will be seven years of age.

Friday, July 28, 1978

1	Killdeer	2	0
2	Solitary Sandpiper	1	0
3	Rock Dove	4	0
4	Mourning Dove	6	bvd - 0
5	Night hawk	1	X
6	Chimney Swift	6	o - X
7	Red headed Woodpecker	2	0
8	Eastern Kingbird	3	0
9	Eastern Phoebe	1	0
10	Blue Jay	4	bvd
11	Black capped Chickadee	1	X
12	House Wren	3	X - bvd
13	Catbird	2	X
14	Brown Thrasher	1	X
15	Robin	8	bvd - X
16	Rough winged Swallow	12	0
17	Barn Swallow	10	0
18	Purple Martin	2	0
19	Mockingbird	1	0

20	Starling	26	x - bvd - 0
21	House Sparrow	11	x - bvd - 0
22	Eastern Meadowlark	5	0
23	Western Meadowlark	2	0
24	Red winged Blackbird	3	0
25	Common Grackle	10	x - bvd 0
26	Brown headed Cowbird	3	bvd - 0
27	Cardinal	4	x - bvd
28	Indigo Bunting	2	0
29	Chickadee	5	0
30	Grasshopper	1	0
31	Chipping Sparrow	2	0

Today was clear and hot. The temperatures were low 62° high 97°. Pearl went to her eye doctor at 4 P.M. this afternoon. She doesn't go back now until August 18th which is three weeks.

Saturday, July 29, 1978

1	Pied billed Grebe	1	SQ
2	Great blue heron	6	SQ
3	Great Egrets	1	SQ
4	Mallard	1	SQ
5	Blue winged teal	35	SQ
6	Wood Duck	3	SQ
7	Turkey Vulture	1	near SQ
8	Red tailed hawk	1	0
9	American Kestrel	3	AR - near SQ
10	Bob white	10	AR - SQ - HC - 0
11	Ring necked Pheasant	8	SQ
12	Killdeer	30	SQ
13	Solitary Sand piper	2	SQ
14	Greater yellowlegs	1	SQ
15	Lesser yellowlegs	15	SQ
16	Pectoral Sand piper	6	SQ
17	Least Sand piper	3	SQ
18	Semipalmated Sand piper	4	SQ
19	Tern (I believe Forsters)	1	SQ

20	Black Tern	20	SK
21	Rock Dove	5	X - 0
22	Mourning Dove	50	everywhere
23	yellow billed Cuckoo	8	X - HC - SK
24	Chimney Swift	40	X - 0
25	Hummingbird, Ruby throat	1	X
26	Common Flicker	4	SK
27	Red bellied Woodpecker	2	HC - SK
28	Red headed Woodpecker	15	HC - SK - 0
29	Hairy Woodpecker	1	SK
30	Downy Woodpecker	6	HC - SK - AR
31	Eastern King bird	26	AR - HC - SK - 0
32	Western Kingbird	1	Big Lake
33	Great crested fly catcher	1	HC
34	Eastern Phoebe	1	SK
35	Eastern Wood Pewee	3	HC - SK
36	Tree Swallow	500	SK
37	Bank Swallow	3	SK
38	Rough Winged Swallow	30	0
39	Barn Swallow	800	everywhere
40	Cliff Swallow	75	SK
41	Purple Martin	25	mostly SK
42	Blue Jay	8	X - AR - HC - SK
43	Common Crow	9	HC - SK
44	Black capped Chickadee	8	X - HC
45	Tufted Titmouse	2	HC
46	House Wren	6	X - SK
47	Catbird	7	X - SK
48	Brown Thrasher	10	X - SK - HC
49	Robin	30	everywhere
50	Loggerhead Shrike	1	0
51	White Starling	500	everywhere
52	Bells Vireo	3	SK
53	yellow Warbler	3	SK
54	Common yellowthroat	10	SK
55	yellow breasted Chat	2	HC - SK
56	House Sparrow	35	everywhere

57	Eastern Meadowlark	25	AR-HC-SQ-0
58	Western Meadowlark	2	0
59	Yellow headed Blackbird	3	Big Lake
60	Red winged Blackbird	1200	mostly SQ - Big Lake
61	Orchard Oriole	8	SQ
62	Northern Oriole	1	X
63	Common Grackle	65	everywhere
64	Brown headed Cowbird	175	mostly o.h. X & 0
65	Cardinal	12	X -AR-SQ-0
66	Rose breasted Grosbeak	2	HC
67	Indigo Bunting	15	HC-SQ
68	Black-cissel	75	AR-HC-SQ-0
69	American Goldfinch	10	HC-SQ-0
70	Rufous-sided Towhee	2	HC
71	Grasshopper Sparrow	3	near SQ-0
72	Lark Sparrow	1	0
73	Chipping Sparrow	2	AR-SQ
74	Field Sparrow	3	HC
75	Song Sparrow	2	SQ
76	Common Nighthawk	1	X

Today was clear & hot. The temperatures were low 68° high 90°. I didn't work today. Tim & Eldon worked. I left home by myself about 8 A.M. I drove out the Amazonia Road & then stopped at Honey Creek for awhile and then on to Squaw Creek. I bridged there for awhile and then drove over to Big Lake. After leaving Big Lake I had intended to head on home but instead I drove back up to Squaw Creek. Then I met Mark Robbins and Tim Barksdale. They had seen several birds that I did not see. If I had gone out wading through the mud and water I could have seen some of them but I was getting tired. We also met a couple other young fellows there from St Joe. They were Jim Cryer and Huston Weyeth. Jim Cryer is going to the University of Missouri. He is working there toward making but as a Wildlife management man.

Sunday, July 30, 1978

1	Great Blue Heron	26	LC - HL
2	Great Egret	1	HL
3	Mallard	4	LC
4	Blue winged Teal	1	MRL
5	Red tailed hawk	2	O - BW
6	American Kestrel	1	O
7	Bob White	6	O - LC
8	Killdeer	14	MRL
9	Solitary Sand piper	1	O
10	Common Tern	1	HL
11	Rock Dove	20	ML - X
12	Mourning Dove	65	O - LC - HL - BW
13	Yellow billed Cuckoo	7	O - LC - BW
14	Night hawk	1	X
15	Chimney Swift	35	X - LC - BW
16	Ruby throated Hummingbird	1	BW
17	Common Flicker (y.s.)	5	LC - BW
18	Red headed Wood pecker	18	O - LC - BW
19	Hairy ~~Wood~~ Wood pecker	1	BW
20	Downy Wood pecker	3	X - BW
21	Eastern Kingbird	9	LC - ML - BW - O
22	Eastern Wood Pewee	4	bld - BW
23	Forced Lark	3	LC - HL
24	Rough winged Swallow	60	BW - LC - HL
25	Barn Swallow	75	O - LC - HL - BW
26	Purple Martin	20	O - LC - BW
27	Blue Jay	8	X - bld - BW
28	Black capped Chickadee	3	X - BW
29	White breasted Nuthatch	1	BW
30	House Wren	5	X - bld - BW
31	Short billed Marsh Wren	1	MRL
32	Catbird	4	LC - BW - X
33	Brown Thrasher	5	LC - BW - O
34	Robin	20	LC - BW - X
35	Loggerhead Shrike	3	LC - BW
36	Starling	90	X - O - LC - HL - BW
37	Warbling Vireo	1	LC

38	Common yellowthroat	6	LC - HL - BW
39	House Sparrow	60	everywhere
40	Eastern Meadowlark	17	LC - o - BW
41	Western Meadowlark	2	o
42	Red winged Blackbird	25	LC - o - BW
43	Orchard Oriole	3	LC - BW
44	Northern Oriole	1	BW
45	Common Grackle	30	everywhere
46	~~Red~~ Cardinal	12	everywhere
47	Blue Grosbeak	1	o
48	Indigo Bunting	9	o - LC - ML - BW
49	Chickadee	40	o - LC - HL - BW
50	American Goldfinch	4	BW
51	Rufous-sided Towhee	2	BW
52	Lark Sparrow	1	BW
53	Chipping Sparrow	2	X
54	Field Sparrow	3	BW
55	Cliff Swallow	5	LC

Today was mostly Cloudy. Cloudy + cool this morning. Partly Cloudy + warmer this afternoon. Temperatures were low 62° high 97°. We did not go to Church today. Pearl + I left home at 8 AM. we drove out east of town then to Lake Contrary, Mud Lake, Muskrat Lake, Horseshoe Lake, Bluff Woods and on back home. We stayed home the rest of the day.

Monday July 31, 1978

1	Bob White	1	o
2	Killdeer	3	o
3	Solitary Sandpiper	1	o
4	Rock Dove	3	o
5	Mourning Dove	23	AR - HC - o
6	Cuckoo (sp)	2	AR - HC
7	Night hawk	2	X - o
8	Chimney Swift	25	X - AR
9	Red headed Woodpecker	6	HC - o
10	Downy Wood pecker	2	HC - o

11	Eastern Kingbird	4	0 - HC
12	Eastern Pewee	1	HC
13	Olive-sided flycatcher	1	HC
14	Rough winged Swallow	50	0
15	Barn Swallow	25	HC - 0
16	Purple Martin	6	X - 0
17	Blue Jay	6	HC - X - 0
18	Common Crow	3	0
19	Black capped Chickadee	1	X
20	House Wren	4	+ - bvd
21	Mockingbird	1	AR
22	Catbird	3	X - bvd
23	Brown Thrasher	2	HC
24	Robin	10	bvd - X - HC
25	Starling	50	0 - + - HC
26	House Sparrow	30	0 - X - AR
27	Eastern Meadowlark	8	0 - AR
28	Western Meadowlark	2	0
29	Redwinged Blackbird	10	0 - AR
30	Common Grackle	25	+ - 0 - AR
31	Brown headed Cowbird	18	0
32	Cardinal	5	+ - bvd - HC
33	Indigo Bunting	8	0 - HC
34	Chickadee	7	0 - AR - HC
35	Rufous sided Towhee	3	HC
36	Grasshopper Sparrow	1	AR
37	Lark Sparrow	1	HC
38	Field Sparrow	3	HC

Today was clear & warm but not too terribly hot. The temperatures were low 63° high 88°. We were really busy today at work. We had one man on vacation, one was off sick, Monday is always our busiest day of the week. Today was our biggest day of the month in sales and to top it off we had inventory to take. After supper this evening Pearl & I drove to the Honey Creek Wildlife Area. It rained just a little while we were there. During July we had 2.14 inches of rain which

puts us 22.20 for the year. This puts us at
.12 of an inch above normal up to this date

Tuesday - August 1, 1978

1	Rock Dove	11	0
2	Mourning Dove	2	X
3	Yellow Billed Cuckoo	1	X
4	Nighthawk	2	X
5	Chimney Swift	30	X
6	Downy Woodpecker	1	bvd
7	Eastern Kingbird	4	X - 0
8	Barn Swallow	1	0
9	Purple Martin	4	X
10	Blue Jay	3	bvd - X
11	Black capped Chickadee	1	X
12	House Wren	5	bvd - X
13	Catbird	3	X
14	Brown Thrasher	2	bvd
15	Robin	28	bvd - X
16	Wood Thrush	1	bvd
17	Starling	90	mostly o.k. X
18	House Sparrow	8	0 - X
19	Eastern Meadowlark	2	0
20	Common Grackle	6	X
21	Cardinal	3	X - bvd

Today was cloudy with light rain during the day.
The temperatures were low 69° high 75°

Wednesday - August 2, 1978

1	Bob White	1	0
2	Rock Dove	7	0
3	Mourning Dove	3	X
4	Nighthawk	7	0 - X
5	Chimney Swift	28	X
6	Ruby throated Hummingbird	1	X
7	Eastern Kingbird	5	0 - X
8	Barn Swallow	3	0

9	Purple Martin	4		X
10	Blue Jay	4	brd -	X
11	Black capped Chickadee	1		X
12	House Wren	3	brd -	X
13	Catbird	1		X
14	Robin	18	brd -	X
15	Starling	50	o -	X
16	House Sparrow	10	6 -	X
17	Eastern Meadowlark	2	o	
18	Common Grackle	26		X
19	Cardinal	3	brd -	X
20	Indigo Bunting	2	o -	X

Today was partly cloudy with rain most of the morning. During these last two days we have had 1.4 inches of rain. Temperatures today were low 69° high 82°. We received checks today from our company insurance company which covered the hospital, Dr. Young and the anesthesiologist for Pearl's last eye operation.

Thursday, August 3, 1978

1	Bob White	1		o
2	Killdeer	1		o
3	Rock Dove	8	X -	o
4	Mourning Dove	7	X -	o
5	Night Hawk	1	X	
6	Chimney Swift	12	X	
7	Common Nighthawk	1		brd
8	Red headed Woodpecker	2		o
9	Eastern Kingbird	3		o
10	Eastern Wood Pewee	1		brd
11	Rough winged Swallow	38		o
12	Barn Swallow	12		o
13	Purple Martin	5	X -	o
14	Blue Jay	3	X -	brd
15	Tufted Titmouse	1		brd
16	Black capped Chickadee	1	X	
17	House Wren	3	X -	brd

18	Brown Thrasher	1	brd
19	Robin	15	x - o - brd
20	Starling	30	x - brd
21	House Sparrow	12	x - o
22	Eastern Meadowlark	5	o
23	Western Meadowlark	1	o
24	Redwinged Blackbird	4	o
25	Common Grackle	16	x - o
26	Cardinal	5	x - brd
27	Indigo Bunting	2	o
28	Chickadee	3	o
29	Chipping Sparrow	1	o

Today was partly cloudy & cool for this time of the year. I really loved it. The temperatures were low 62° high 71°. I got off work at noon and stayed home the rest of the day.

Friday, August 4, 1978

1	Rock Dove	2	X
2	Mourning Dove	6	o - X
3	Night hawk	1	X
4	Chimney Swift	60	X
5	Eastern Kingbird	1	X
6	Barn Swallow	1	o
7	Purple Martin	2	X
8	Blue Jay	3	brd - X
9	Black capped Chickadee	1	X
10	House Wren	2	brd - X
11	Catbird	1	X
12	Robin	10	brd - X
13	Starling	15	brd - X
14	House Sparrow	20	o - X
15	Eastern Meadowlark	3	o
16	Common Grackle	10	X
17	Cardinal	4	brd - X
18	Chipping Sparrow	1	X

~~19~~ Today was clear and nice. Temperatures were low 51° high 77°. The low was a record low.

Saturday, August 5, 1978

1	Pied-billed Grebe	1	SG
2	Great Blue Heron	15	'X - SG
3	Green Heron	2	SG
4	Little Blue Heron	10	SG
5	Great Egret	1	SG
6	Yellow-crowned Night heron	1 - im	SG
7	Mallard	12	SG
8	Blue-winged Teal	6	SG
9	Turkey Vulture	4	near HC
10	Bob White	4	o - HC
11	Ring-necked pheasant	2	SG
12	Killdeer	20	SG
13	Solitary Sandpiper	1	SG
14	Willet	1	SG
15	Lesser yellowlegs	8	SG
16	Pectoral Sandpiper	30	SG
17	White-rumped sandpiper	3	SG
18	Blowitcher (Sp)	1	SG
19	Semipalmated Sandpiper	6	SG
20	Sanderling	1	SG
21	Gull (Sp)	1	SG
22	Forsters Tern	1	SG
23	Rock Dove	8	X - o
24	Mourning Dove	60	everywhere
25	Yellow-billed Cuckoo	5	HC - SG
26	Night hawk	6	X
27	Chimney Swift	85	most everywhere
28	Common Flicker	1	bvd
29	Red-headed woodpecker	12	most everywhere
30	Downy woodpecker	1	SG
31	Eastern Kingbird	10	o - HC - SG
32	Eastern Phoebe	2	o - HC
33	Tree Swallow	60	SG
34	Barn Swallow	12	SG
35	Rough-winged Swallow	30	o
36	Barn Swallow	150	most everywhere
37	Cliff Swallow	40	SG

38	Purple Martin	1	X
39	Blue Jay	6	most everywhere
40	Black capped Chickadee	3	X - SA
41	Tufted Titmouse	1	brc
42	House Wren	4	X - SA
43	Short billed Marsh Wren	2	SA
44	Mockingbird	1	AR
45	Catbird	11	X - bud - SA
46	Brown Thrasher	7	O - HC - SA
47	Robin	28	X - bud - SA
48	Loggerhead Shrike	2	O
49	Starling	175	everywhere
50	Common yellowthroat	6	O - SA
51	House Sparrow	50	everywhere
52	Eastern Meadowlark	12	O - AR - SA
53	Western Meadowlark	2	O
54	Red winged Blackbird	150	mostly SA
55	Archery Oriole	5	SA
56	Northern Oriole	1	O
57	Common Grackle	60	everywhere
58	Brown headed Cowbird	35	mostly O.H.X
59	Cardinal	10	everywhere
60	Blue Grosbeak	2	SA
61	Indigo Bunting	20	mostly SA
62	Dickcissel	25	O - AR - HC - SA
63	American Goldfinch	6	SA
64	Rufous sided Towhee	1	HC
65	Grasshopper Sparrow	3	O - AR
66	Lark Sparrow	1	HC
67	Chipping Sparrow	1	SA
68	Field Sparrow	3	HC
69	Song Sparrow	1	SA

Today was clean & nice. The temperatures were low 60° high 92°. I worked this morning with Paul Boyles. This afternoon Beal & I drove to Squaw Creek & came back home via Honey Creek. We got home about 6:30 P.M.

Sunday August 6, 1978

1	Hawk (sp) small 1 probably Kestrel, Merlin or Sharp Shin		o.h.	X
2	Rock Dove	2		X
3	Mourning Dove	15	AC -	X
4	Great horned Owl	1	AC	
5	Night hawk	2		X
6	Chimney Swift	40	AC -	X
7	Rubythroated Hummingbird	1		X
8	Common Flicker	1		X
9	Red bellied woodpecker	1		X
10	Red headed Woodpecker	5	AC -	X
11	Hoary Wood Pecker	1		X
12	Eastern Kingbird	2	AC -	X
13	Eastern Wood Pewee	1	AC	
14	Rough winged Swallow	1		X
15	Purple Martin	3		X
16	Blue Jay	10	brd - AC -	X
17	Common Crow	3		X
18	Black capped Chickadee	8	AC -	X
19	White breasted Nuthatch	1	AC	
20	House wren	3	AC -	X
21	Catbird	3	brd -	X
22	Robin	40	brd - AC -	X
23	Sterling	300	brd - AC -	X
24	House Sparrow	20		X
25	~~Ch~~ Northern Oriole	1	~~brd~~	-X
26	Common Grackle	60	AC -	X
27	Brown headed Cowbird	75	o.h.	X
28	Cardinal	6	brd - AC -	X
29	Indigo Bunting	2	AC -	X
30	American Goldfinch	1		X
31	Chipping Sparrow	18	AC -	X

This was a beautiful day. Very clear + pleasantly warm. Not hot. Temperatures were low 58° high 83°. We slept until 7 AM. after breakfast I drove to Ashland Cemetery where I took a nice walk. We went to Church this morning. After lunch I spent almost all afternoon evening sitting out in our back yard.

Monday - August 7, 1978

1	American Kestrel	1	X
2	Bob White	1	0
3	Rock Dove	6	0
4	Mourning Dove	7	X - 0
5	Yellow-billed Cuckoo	3	X - bvd
6	Night hawk	1	X
7	Chimney Swift	35	X
8	Common Flicker	2	X
9	Eastern Kingbird	1	X
10	Barn Swallow	1	0
11	Purple Martin	2	X
12	Blue Jay	4	X - bvd
13	Black-capped Chickadee	1	bvd
14	Tufted Titmouse	1	bvd
15	House Wren	2	X - bvd
16	Catbird	2	X
17	Robin	30	X - 0 - bvd
18	Starling	85	X - bvd
19	House Sparrow	15	X - 0
20	Eastern Meadowlark	1	0
21	Red-winged Blackbird	1	0
22	Common Grackle	15	X
23	Brown-headed Cowbird	30	o.h. X
24	Cardinal	4	X - bvd
25	Indigo Bunting	2	X - bvd

Today was clear and warm. The temperatures were low 62° high 90°.

Tuesday - August 8, 1978

1	Green Heron	1	0
2	Rock Dove	8	X - 0
3	Mourning Dove	10	X - 0
4	Night hawk	1	X
5	Chimney Swift	45	X
6	Red-headed Woodpecker	1	0
7	Eastern Kingbird	2	X - bvd
8	Eastern Wood Pewee	1	bvd

9	Purple Martin	2		X
10	Blue Jay	4	brd -	X
11	Black capped Chickadee	1	brd	
12	Tufted Titmouse	1	brd	
13	House Wren	3	brd -	X
14	Catbird	1		X
15	Robin	30	brd -	X
16	Starling	125	o -	X
17	House Sparrow	30	o -	X
18	Eastern Meadowlark	2	o	
19	Red winged Blackbird	1	o.h.	X
20	Common Grackle	25	o.h.	X
21	Brown headed Cowbird	2	o.h.	X
22	Cardinal	3	brd -	X
23	Chipping Sparrow	1		X

Today was clear and hot. The temperatures were low 66° high 95°.

Wednesday August 9, 1978

1	Great blue heron	1		o
2	American Kestrel	1		X
3	Rock Dove	8	o -	X
4	Mourning Dove	9	brd - o -	X
5	Nighthawk	8		X
6	Chimney Swift	40		X
7	Rubythroated Hummingbird	1		X
8	Common Flicker	1	brd	
9	Downy Wood pecker	1		X
10	Eastern Kingbird	3	o -	X
11	Eastern Wood Pewee	1	brd	
12	Barn Swallow	3	o -	X
13	Blue Jay	4	brd -	X
14	Black capped Chickadee	1		X
15	White breasted Nuthatch	1	brd	
16	House Wren	3	brd -	X
17	Catbird	2		X
18	Robin	40	mostly	X

19	Starling	60	mostly	X
20	House Sparrow	15	o -	X
21	Eastern Meadowlark	2		o
22	Red winged Blackbird	1		X
23	Northern Oriole	1		X
24	Common Grackle	20	mostly	X
25	Brown headed Cowbird	8	o.k.	X
26	Cardinal	4	ovd -	X
27	Indigo Bunting	2		X

To Day was clear and hot. The temperatures were low 70° high 90°.

Thursday August 10, 1978

1	Great blue Heron	1		LC
2	Blue winged Teal	3		LC
3	American Kestrel	1		d. t.
4	Rock Dove	8		o - d. t.
5	Mourning Dove	12		o - LC
6	Night Hawk	15		X - d. t.
7	Chimney Swift	20		X - d. t.
8	Eastern Kingbird	3		o - LC
9	Wood Pewee	1		brd
10	Rough winged Swallow	60		o - LC
11	Barn Swallow	75		o - LC
12	Purple Martin	1		LC
13	Blue Jay	4		o - X - brd
14	Common Crow	1		brd
15	Black-capped Chickadee	1		X
16	White breasted Nuthatch	1		brd
17	House Wren	2		X - brd
18	Catbird	1		X
19	Robin	35		X - brd
20	Loggerhead Shrike	1		LC
21	Starling	150		X - brd - o - LC
22	Common yellowthroat	1		LC
23	House Sparrow	35		X - o - LC
24	Eastern Meadowlark	3		o
25	Red winged Blackbird	90		LC

26	Common Grackle	25	X - LC
27	Cardinal	4	X - bvd
28	Indigo Bunting	1	bvd
29	Chickadee	1	LC

Today was cloudy, raining all day. The temperatures were low 70° high 76°. We had about .42 of an inch of rain in my rain gauge this evening. I found a Salamander on the floor of the warehouse today. I think that it came in in a plant shipment from California. After supper tonight Pearl & I took it to the western end of Lake Conroy which is a large marshy area. I don't think of myself as getting old. But today I took a couple hours off and Pearl and I went to the First National Bank where we have our savings and checking accounts. We signed ourselves in as members of "Dimension 60". Any one 60 years of age or older may get in and surprisingly it costs us nothing and there are several benefits. There are about 100 places of business in town where we can get discounts on merchandise. Most of the discounts are 10%. Some or more & a few less. Today alone I saved \$2.37 on some prescription drugs I bought. There are discounts on prescriptions, meals, merchandise & theaters. There will also be other benefits.

Friday, August 11, 1978

1	Killdeer	1	0
2	Rock Dove	6	X - 0
3	Mourning Dove	7	X - 0
4	Night Hawk	3	X
5	Chimney Swift	20	X
6	Common Flicker	1	X
7	Red headed Woodpecker	3	bvd - 0
8	Downy Woodpecker	1	bvd
9	Eastern Kingbird	3	bvd - 0
10	Eastern Wood Pewee	1	bvd
11	Rough winged Swallow	10	0
12	Barn Swallow	25	0
13	Purple Martin	2	0

14	Blue Jay	5	brd - X
15	Black capped Chickadee	1	X
16	House Wren	1	X
17	Catbird	2	X
18	Robin	18	brd - X
19	Starling	20	X
20	House Sparrow	12	X
21	Eastern Meadowlark	2	0
22	Red winged Blackbird	3	~~brd - X~~ 0
23	Common Grackle	25	brd - X
24	Cardinal	3	brd - X
25	Indigo Bunting	1	X - 0
26	Mocker	2	0
27	Grasshopper Sparrow	1	0
28	Northern Oriole	1	0

Today was mostly cloudy with a bit of light rain.
The temperatures were low 65° high 82°

Saturday, August 12, 1978

1	Turkey Vulture	45	mostly at H.C.
2	Red tailed Hawk	1	SW
3	Bob White	6	0 - H.C. SW
4	Ring necked Pheasant	4	SW
5	Semipalmated Plover	1	SW
6	Killdeer	20	0 - SW
7	Common Snipe	4	SW
8	Spotted Sand piper	1	SW
9	Solitary Sand piper	1	0
10	Lesser yellowlegs	1	SW
11	Pectoral Sand piper	50	SW
12	Stilt ~~Black~~ sand piper	1	SW
13	Semipalmated Sand piper	25	SW
14	Black Tern	5	SW
15	Rock Dove	12	0 - AR
16	Mourning Dove	90	everywhere
17	Yellow billed Cuckoo	5	HC - SW
18	Black billed Cuckoo	1	Hy I 29

19	Great horned Owl	1	SQ
20	Night hawk	3	X
21	Chimney Swift	30	X
22	Common Flicker	2	bvd - SQ
23	Red bellied Woodpecker	3	o - HC - SQ
24	Red headed Woodpecker	10	o - HC - SQ
25	Downy Woodpecker	2	X - SQ
26	Eastern Kingbird	15	o - HC - SQ
27	Eastern Wood Pewee	2	HC - SQ
28	Tree Swallow	500	SQ
29	Rough winged Swallow	50	o - HC
30	Barn Swallow	185	everywhere
31	Purple Martin	2	SQ
32	Cliff Swallow	40	SQ
33	Blue Jay	6	X - HC - SQ
34	Black capped Chickadee	4	X - SQ
35	House Wren	3	X - bvd
36	Short billed Marsh Wren	2	SQ
37	Catbird	2	X - SQ
38	Brown Thrasher	4	X - bvd - SQ
39	Robin	50	mostly X
40	Starling	300	mostly X
41	White eyed Vireo	1	SQ
42	Bells Vireo	3	HC - SQ
43	Common Yellowthroat	10	SQ
44	House Sparrow	35	everywhere
45	Eastern Meadowlark	8	o - AR - I 29
46	Western Meadowlark	2	o
47	Red winged Blackbird	500	mostly SQ
48	Orchard Oriole	3	SQ
49	Northern Oriole	1	SQ
50	Common Grackle	60	everywhere
51	Brown headed Cowbird	12	o. h. X
52	Cardinal	8	X - bvd - HC - SQ
53	Indigo Bunting	15	o - HC - SQ
54	Dickcissel	16	o - HC - SQ
55	American Goldfinch	10	X - o - SQ

56	Rufous sided Towhee	1	HC
57	Grasshopper Sparrow	2	o - AR
58	Chipping Sparrow	1	o
59	Gield Sparrow	3	HC - o
60	Song Sparrow	1	SQ
61	White breasted Nuthatch	1	X

Today was clear, hot & humid. I did not work today. We slept until 7 a.m. We ate breakfast and then left home at 8:10 a.m. First we drove out east of town near the Whaleside, then up by I-29 to Honey Creek & then from there to Squaw Creek. There wasn't much doing at Squaw Creek. I saw Mark Robbins there. He is leaving two weeks from this coming Monday to go to Columbia, South America. Steve Hilty is working on a book on the birds of Columbia but wants to work a little more over the Area. He has asked Mark to come down and help him. The temperatures today were low 67° high 91°

Sunday August 13, 1978

1	Rock Dove	4	X
2	Mourning Dove	16	AC - X
3	Yellow billed Cuckoo	1	AC
4	Night Hawk	2	X
5	Chimney Swift	35	AC - X
6	Red bellied Woodpecker	2	AC
7	Red headed Woodpecker	4	AC - X
8	Downy Woodpecker	2	AC - X
9	Eastern Kingbird	1	X
10	Eastern Wood Pewee	1	AC
11	Tree Swallow	1	AC
12	Rough winged Swallow	2	AC
13	Blue Jay	8	AC - X
14	Black capped Chickadee	1	X
15	White breasted Nuthatch	1	AC
16	House Wren	2	AC - X
17	Catbird	2	X
18	Robin	300	6rd - AC - X

most of the Robins were seen in Ashland Cemetery

19	Starling	250	mostly o.h. X
20	House Sparrow	20	AC - X
21	Red winged Blackbird	4	o.h. X
22	Common Grackle	20	AC - X
23	Cardinal	7	AC - X
24	Rosebreasted Grosbeak	1	AC
25	Indigo Bunting	1	AC
26	Chipping Sparrow	1	X

Today was clear and hot. We slept until 7 A.M. After breakfast I drove to Ashland Cemetery for an early morning walk. I would like to get to Ashland Cemetery at least once a week now just to see what will be the first winter bird to come in from the north. We went to Church at 10:30 A.M. I stayed in the rest of day. Pearl spent most of the afternoon helping Lois mow her yard and put up a fence. I just can't take the hot weather. Temp low 76° high 98°

Monday August 14, 1978

1	Rock Dove	5	0
2	Mourning Dove	3	0
3	Chimney Swift	12	X - 0
4	Eastern Kingbird	1	X
5	Eastern Wood Pewee	2	b/c
6	Barn Swallow	1	0
7	Blue Jay	3	X - b/c
8	Black-capped Chickadee	1	X
9	House Wren	2	b/c
10	Robin	30	X - b/c
11	Starling	15	X - b/c - 0
12	House Sparrow	8	X - 0
13	Eastern Meadowlark	1	0
14	Common Grackle	5	X - 0
15	Cardinal	2	X - b/c

Today was clear, hot and humid. The temperatures were low 75° high 96°. Pearl mowed all day. She finally finished the yard this evening. Lois is on vacation this week so she and Pearl wants to do a little running around.

Tuesday, August 15, 1978

1	Rock Dove	2		X
2	Mourning Dove	6	o -	X
3	Nighthawk	1		X
4	Chimney Swift	10		X
5	Downy Woodpecker	1	brd	
6	Eastern Kingbird	1		X
7	Eastern Wood Pewee	1	brd	
8	Rough wing Swallow	25	o	
9	Barn Swallow	10	o	
10	Purple Martin	1		X
11	Blue Jay	5	brd -	X
12	Black capped Chickadee	1		X
13	House Wren	1		X
14	Catbird	2		X
15	Robin	50	brd - o.h.	X
16	Starling	800	o.h.	X
17	House Sparrow	20	o -	X
18	Eastern Meadowlark	1	o	
19	Common Grackle	125	o.h.	X
20	Brown headed Cowbird	40	o.h.	X
21	Cardinal	5	brd -	X
22	Indigo Bunting	1	o	
23	Chipping Sparrow	1		X

Today was Cloudy a.m. - clear p.m. The temperatures were low 71° high 85°.

Wednesday, August 16, 1978

1	Rock Dove	5	o -	X
2	Mourning Dove	10		X
3	Nighthawk	2		X
4	Chimney Swift	18		X
5	Downy Woodpecker	1		X
6	Eastern Kingbird	3	o.h.	X
7	Eastern Wood Pewee	1	brd	
8	Rough winged Swallow	3	o.h.	X
9	Barn Swallow	2	o.h.	X
10	Purple Martin	1	o	

11	Blue Jay	4	bvd - X
12	Black capped Chickadee	1	X
13	House Wren	1	X
14	Catbird	1	X
15	Robin	90	mostly o.h. X
16	Starling	700	mostly o.h. X
17	House Sparrow	30	X
18	Common Grackle	60	o.h. X
19	Brown headed Cowbird	25	o.h. X
20	Cardinal	3	bvd - X

Today was clear & rather pleasant out of the direct sun.
The temperatures were low 66° high 89°

Thursday August 17, 1978

1	Rock Dove	4	X
2	Mourning Dove	6	X
3	Chimney Swift	12	X
4	Red headed Woodpecker	1	bvd
5	Downy Woodpecker	2	X
6	Eastern Kingbird	2	X
7	Eastern Wood Pewee	1	bvd
8	Barn Swallow	1	0
9	Purple Martin	2	X
10	Blue Jay	3	bvd - X
11	Black capped Chickadee	1	X
12	House Wren	2	bvd - X
13	Catbird	1	X
14	Robin	40	bvd - o.h. X
15	Starling	800	o.h. X
16	House Sparrow	30	X
17	Eastern Meadowlark	1	0
18	Northern Oriole	1	X
19	Common Grackle	125	o.h. X
20	Brown headed Cowbird	40	o.h. X
21	Cardinal	3	X
22	Nighthawk	1	X

Today was hot & humid. Temperatures low 73° high 95°

Friday, August 18, 1978

1	Falcon (small) (Sp)	1	o.h. X
2	Killdeer	4	o
3	Rock Dove	8	o - X
4	Mourning Dove	10	o - X
5	yellow-billed Cuckoo	1	o
6	Black-billed Cuckoo	1	o
7	Night hawk	2	X
8	Chimney Swift	50	X
9	Red-headed Woodpecker	1	o
10	Downy woodpecker	1	brd
11	Eastern Kingbird	5	o
12	Rough-winged Swallow	60	o
13	Barn Swallow	4	o
14	Purple Martin	2	X
15	Blue Jay	4	X - brd
16	Black-capped Chickadee	1	X
17	White-breasted Nuthatch	1	brd
18	House Wren	2	X - brd
19	Short-billed Marsh Wren	1	o
20	Catbird	1	X
21	Brown Thrasher	1	o
22	Robin	40	X - brd
23	Starling	500	mostly o.h. X
24	House Sparrow	40	o - X
25	Common Grackle	60	o.h. X
26	Northern Oriole	1	X
27	Brown-headed Cowbird	8	o.h. X
28	Cardinal	4	brd - X
29	Indigo Bunting	2	o

Today was clear and warm. The temperatures today were low 78° high 95°. It is getting cooler out this evening.

It is now getting close to the time of the year that we can expect cool weather almost every night.

According to this morning's paper they had a day or two ago about a foot of snow in the Yellowstone National Park area.

Saturday, August 19, 1978

1	Great Blue Heron	7	SG
2	Green Heron	1	SG
3	Common Egret	1	SG
4	Mallard	12	SG
5	Blue winged Teal	10	SG
6	Turkey Vulture	30	mostly HC - SG
7	Bob White	5	HC - SG
8	Ring necked pheasant	2	SG
9	Killdeer	3	SG
10	Pectoral Sand piper	1	SG
11	Semipalmated Sand piper	12	SG
12	Western Sand piper	1	SG
13	Black Tern	4	SG
14	Rock Dove	7	X - AR
15	Mourning Dove	50	everywhere
16	Yellow billed Cuckoo	4	HC - SG
17	Night hawk	3	X
18	Chimney Swift	30	X
19	Belted Kingfisher	1	SG
20	Red bellied Wood pecker	3	HC - SG
21	Red headed Wood pecker	4	HC - SG
22	Downy Wood pecker	3	X - SG
23	Eastern Kingbird	30	AR - HC - SG
24	Eastern Phoebe	2	SG
25	Eastern Wood Pewee	1	SG
26	Olive sided flycatcher	1	AC
27	Tree Swallow	40	SG
28	Rough winged Swallow	50	SG
29	Barn Swallow	40	SG
30	Cliff Swallow	15	SG
31	Blue Jay	8	everywhere
32	Common Crow	1	Hy I-29
33	Black capped Chickadee	8	HC - X
34	White breasted Nuthatch	2	HC - SG
35	House Wren	3	SG - X
36	Short billed marsh wren	1	SG
37	Catbird	1	X

38	Brown Thrasher	1	X
39	Robin	30	everywhere
40	Starling	400	mostly o.h. X - everywhere
41	Bells Vireo	5	SB
42	Common Yellowthroat	1	SB
43	House Sparrow	35	everywhere
44	Eastern Meadowlark	3	Hy 59 - SB
45	Red winged Blackbird	50	SB
46	Northern Oriole	2	HC - SB
47	Common Grackle	60	everywhere
48	Brown headed Cowbird	20	o.h. X
49	Cardinal	8	everywhere
50	Indigo Bunting	15	HC - SB
51	Chickadee	12	HC - SB
52	American Goldfinch	15	HC - SB
53	Rufous sided Towhee	1	HC
54	Chipping Sparrow	3	X
55	Field Sparrow	3	HC

Today was clear and real nice. The temperatures were low 62° high 94°. It was nice + cool early AM. This afternoon it was hot in the sun but cool in the shade. Pearl + I left home at 8:30 AM + drove to Squaw Creek. We stopped by Honey Creek on the way up. We got home at 1 P.M. + except for the drop to Ashland Cemetery we stay home the rest of the day.

Sunday, August 20, 1978

1	Great blue heron	1	HL
2	Blue winged Teal	2	LC
3	Killdeer	10	LC - MR L
4	Common Snipe	1	LC
5	Pectoral Sand piper	3	LC
6	Lesser yellowlegs	1	LC
7	Semipalmated Sand piper	3	LC
8	Rock Dove	10	X - d.t. - ML
9	Mourning Dove	60	everywhere
10	yellow billed Cuckoo	2	LC. BW

11	Nighthawk	1		X
12	Chimney Swift	20		X
13	Common Flicker	2		AC
14	Red bellied Woodpecker	2		AC
15	Red headed Woodpecker	4	ML - BW - AC	
16	Hairy Woodpecker	1		AC
17	Downy Woodpecker	1		X
18	Eastern Kingbird	10	LC - ML - BW - X	
19	Eastern Wood Pewee	1		AC
20	Horned Lark	4	ML - HL	
21	Rough winged Swallow	600	LC - ML - MRL - HL - BW	
22	Barn Swallow	200	LC - ML - MRL - HL - BW	
23	Cliff Swallow	60	LC	HL
24	Purple Martin	3	LC	
25	Blue Jay	10	X - AC - BW - BW	
26	Black capped Chickadee	6	X - AC	BW
27	House Wren	2	X - AC	
28	Catbird	3	X - BW	
29	Robin	275	o.k. X - bwb - AC	
30	Starling	600	o.k. X - everywhere	
31	Common yellowthroat	1		LC
32	House Sparrow	75		everywhere
33	Eastern Meadowlark	1		near HL
34	Yellow headed Blackbird	1		LC
35	Red winged Blackbird	60		LC
36	Northern Oriole	2	X - AC	
37	Common Grackle	125	X - AC - BW	
38	Brown headed Cowbird	60		o.k. X
39	Cardinal	20	X - bwb - AC - BW	
40	Indigo Bunting	8		LC - BW
41	American Goldfinch	5		HL - BW
42	Rufous sided Towhee	1		BW
43	Chipping Sparrow	1		X

Today was clear and nice. The temperatures were low 52° high 84°. We slept until 7 a.m. After breakfast I drove to Ashland Cemetery where I took my walk. We went to Church at 10:30 a.m. after dinner. Pearl and I took a drive down around the lakes and through Bluff woods.

Monday, August 21, 1978

1	Rock Dove	7	0 - X
2	Mourning Dove	8	X
3	Night hawk	2	X
4	Chimney Swift	20	X
5	Downy Woodpecker	1	brd
6	Eastern Kingbird	1	brd
7	Eastern Wood Pewee	1	brd
8	Rough winged Swallow	1	X
9	Blue Jay	3	brd - X
10	House Wren	2	brd - X
11	Catbird	2	X
12	Brown Thrasher	1	brd
13	Robin	100	brd - X
14	Starling	500	0 - brd - X
15	House Sparrow	75	0 - X
16	Red wing blackbird	10	o.h. X
17	Common Grackle	20	o.h. X
18	Brown headed Cowbird	90	o.h. X
19	Cardinal	4	brd - X

Today was clear, hot & sultry. The temperatures were low 66° high 94°.

Tuesday, August 22, 1978

1	Rock Dove	7	0
2	Mourning Dove	6	X
3	Night hawk	1	X
4	Chimney Swift	15	X
5	Eastern King bird	1	X
6	Eastern Wood Pewee	1	brd
7	Rough winged Swallow	5	X
8	Blue Jay	3	brd - X
9	Black capped Chickadee	1	X
10	House Wren	1	X
11	Catbird	1	X
12	Brown Thrasher	1	X
13	Robin	200	brd - X
14	Starling	1000	mostly o.h. X

15	House Sparrow	25	6 - X
16	Common Grackle	50	o.h. X
17	Brown headed Cowbird	500	o.h. X
18	Cardinal	4	bvd - X

Today was clear, hot and humid. The temperatures were low 71° high 95°. Today a man stopped by & asked Pearl if he could check our place for termites. He had been checking a neighbors house across the street and they sent him over. It seems that several homes along Burnside has been checked for termites and most of them checked - had termites. He found one place in our Garage where termites had drilled into the wood. During the day we had two other termite specialists check it out. It seems that the one place is all they could find. I'm not sure yet but I believe we will have one of them work to exterminate any that would be anywhere around our home.

Wednesday August 23, 1978

1	Rock Dove	6	6 - X
2	Mourning Dove	10	6 - X
3	Night hawk	3	bvd - 0
4	Chimney Swift	25	X
5	Common Flicker	2	bvd - X
6	Hairy Wood pecker	2	bvd - X
7	Eastern Kingbird	1	0
8	Roughwing Swallow	40	0
9	Barn Swallow	12	0
10	Blue Jay	4	bvd - X
11	Common Crow	6	0
12	Black capped Chickadee	2	bvd - X
13	House Wren	1	X
14	Catbird	2	X
15	Brown Thrasher	1	0
16	Robin	115	bvd - X
17	Starling	350	mostly a.h. X
18	House Sparrow	30	0 - X
19	Common Grackle	50	o.h. X

20	Brown headed Cowbird	12	b.h. X
21	Cardinal	2	X
22	Indigo Bunting	1	0
23	Chipping Sparrow	3	X

Today was clear, hot and humid. The temperatures were low 73° high 97°.

Thursday, August 24, 1978

1	Red billed Grebe	1	AR
2	Green Heron	1	SQ
3	Little blue heron	2	SQ
4	Mallard	1	SQ
5	Blue winged Teal	50	near SQ
6	Great Blue Heron	10	SQ
7	Turkey Vulture	24	mostly NEBR.
8	Semipalmated Plover	2	near SQ
9	Killdeer	8	near SQ
10	~~Spotted~~ Spotted Sand piper	2	SQ
11	Greater yellowlegs	1	near SQ
12	Lesser Yellowlegs	3	near SQ
13	Pectoral Sand piper	2	near SQ
14	Semipalmated Sand piper	15	near SQ
15	Stilt Sand piper	2	near SQ
16	Wilson's Phalarope	1	near SQ
17	Black Tern	10	SQ
18	~~Rock Dove~~	—	—
19	Mourning Dove	125	everywhere
20	Yellow billed Cuckoo	2	SQ
21	Black billed Cuckoo	1	near HC
22	Night hawk	20	AR - X
23	Chimney Swift	15	Nebr - X
24	Common Oiler	12	Nebr. - SQ
25	Red bellied Wood pecker	3	near HC - Nebr
26	Red headed Wood pecker	6	SQ - Nebr
27	Downy Woodpecker	2	Nebr
28	Eastern King bird	50	Everywhere
29	Western Kingbird	1	near SQ

all birds listed as near SQ were seen along Hwy 118 just outside the northwest edge of Sguar Creek

29	Eastern Wood Pewee	1	Nebr
30	Tree Swallow	40	SA
31	Bank Swallow	25	Nebr - SA
32	Rough winged Swallow	500	Nebr - SA
33	Barn Swallow	300	Nebr - SA
34	Cliff Swallow	75	Nebr - SA
35	Purple Martin	4	near SA
36	Blue Jay	20	everywhere
37	Common Crow	2	AR
38	Black capped Chickadee	3	SA
39	Tufted Titmouse	1	near HC
40	White breasted Nuthatch	2	SA
41	House Wren	2	x - Nebr
42	Catbird	5	SA - x - Nebr
43	Brown Thrasher	1	SA
44	Robin	30	everywhere
45	Loggerhead Shrike	1	west of SA
46	Starling	50	everywhere
47	Bells Vireo	4	SA
48	~~Eastern Wood Pewee~~ Common Yellowthroat	1	SA
49	House Sparrow	125	everywhere
50	Eastern Meadowlark	4	near SA
51	Red winged Blackbird	300	mostly SA
52	Northern Oriole	6	SA - Nebr
53	Common Grackle	60	everywhere
54	Brown headed Cowbird	35	near SA - Nebr
55	Cardinal	10	everywhere
56	Blue Grosbeak	1	SA
57	Indigo Bunting	8	mostly SA - Nebr
58	Nickcrissal	3	SA
59	American Goldfinch	4	Nebr - SA
60	Rufous sided Towhee	7	Nebr
61	Field Sparrow	3	Nebr
62	Song Sparrow	1	SA
63	Swainsona Hawk	1	SA

Today was clear, hot and humid. The temperatures were low 72° high 97°. We got up this morning at 6 A.M.

after breakfast at 7:40 A.M. Pearl & I headed for Squaw Creek. We planned on stopping at Honey Creek but the entry off of the highway was having the road oiled so we just drove on to Squaw Creek. Birding there was poor. so from there we drove by Big Lake and on in to Nebraska and on to "Indian Cave State Park." It was so terribly hot we could not enjoy the birding so came home arriving home about 3:20 P.M. My car is not running good. This evening Larry came up and we took the plugs out of the pinto. They are so fouled up I am surprised that it even runs. I am anxious to see how well it runs tomorrow.

Friday, August 25, 1978

1	Pied billed Grebe	1	AR
2	Green Heron	1	near HC
3	Bob White	1	HC
4	Killdeer	2	AR
5	Spotted Sand piper	1	HC
6	Solitary Sand piper	1	AR
7	Rock Dove	6	X
8	Mourning Dove	12	AR-HC-X
9	Yellow billed Cuckoo	2	HC
10	Night hawk	30	X
11	Chimney Swift	15	X
12	Belted Kingfisher	1	HC
13	Common Flicker	4	HC
14	Red headed Wood pecker	3	AR-HC
15	Downy Wood pecker	2	HC
16	Eastern Kingbird	5	AR-HC
17	Eastern ~~Bluebird~~ Wood Pewee	1	HC
18	Horned Lark	2	AR
19	Rough Winged Swallow	15	AR-HC
20	Barn Swallow	35	AR-HC
21	Cliff Swallow	4	HC
22	Blue Jay	4	X-HC
23	Common Crow	8	AR-HC
24	Black capped Chickadee	2	HC
25	Catbird	3	HC-X

26	Brown Thrasher	1	X
27	Robin	60	AR-HC-X
28	Starling	600	mostly o.h. X
29	House Sparrow	35	AR-HC-X
30	Eastern Meadowlark	2	AR
31	Northern Oriole	2	HC-X
32	Common Grackle	300	o.h. X
33	Brown headed Cowbird	30	o.h. X
34	Cardinal	3	HC-X
35	Indigo Bunting	3	AR-HC
36	Chickadee	2	HC
37	Rufous-sided Towhee	1	HC
38	Lark Sparrow	1	HC
39	Chipping Sparrow	1	X
40	Loggerhead Shrike	1	AR

Today was clear, hot and humid. The temperatures were low 72° high 97°. After breakfast Pearl and I took a two hour ^{drive} to A. Mazonia Road and on into Honey Creek. We then came home + stayed the rest of the day. This heat just about gets me down. Yesterday and today were vacation days for me.

Saturday August 26, 1978

1	Great Blue Heron	4	LC-HL
2	Blue winged Teal	15	LC
3	Shoveler	1	HL
4	Wood Duck	1	HL
5	Ring necked pheasant	1	LC
6	Killdeer	5	LC-MRL
7	Common Snipe	3	LC
8	Lesser yellow legs	1	LC
9	Pectoral Sandpiper	3	LC
10	Semipalmated Sandpiper	3	LC
11	Black Tern	3	HL
12	Rock Dove	45	X-d.t.-ML
13	Mourning Dove	25	everywhere
14	Night hawk	2	X

15	Chimney Swift	40	X
16	Rubythroated Hummingbird	1	BW
17	Black-billed Cuckoo	1	LC
18	Redbellied Woodpecker	1	BW
19	Redheaded Woodpecker	3	LC-BW
20	Downy Woodpecker	2	BW
21	Eastern Kingbird	6	LC-HL-BW
22	Eastern Wood Pewee	3	BW
23	Horned Lark	2	HL
24	Bank Swallow	75	LC
25	Rough winged Swallow	400	BW-ML-HL-LC
26	Barn Swallow	200	BW-ML-HL-LC
27	Cliff Swallow	30	LC
28	Purple Martin	1	LC
29	Blue Jay	6	X-LC-BW
30	Black capped Chickadee	3	X-BW
31	White breasted Nuthatch	1	LC
32	Catbird	3	X-BW
33	Brown Thrasher	1	near ML
34	Robin	50	everywhere
35	Starling	300	everywhere
36	Warbling Vireo	2	LC
37	House Sparrow	60	everywhere
38	Common Grackle	50	everywhere
39	Brown headed Cowbird	18	o.h.-X
40	Cardinal	6	X-LC-BW
41	Red winged Blackbird	500	mostly ML
42	Field Sparrow	1	BW

Today was clear hot and humid until this evening when it clouded up and we have had a thunder shower. Temperatures today was low 76° high 100°. Reed + I slept until 7 AM. After breakfast we took a drive down around Lake Country, Mud Lake, Muskrat Lake, Horse shoe Lake, through Bluff woods and back home where we stayed the rest of the day. It's going to be bad when I have to go back to work Monday. Right now I feel like I am retired.

Sunday, August 27, 1978 (My 64th. Birth day)

1	Great Blue Heron	5	HL
2	Blue Winged Teal	6	LC
3	Wood Duck	3	LC
4	American Kestrel	3	0
5	Killdeer	5	LC-MRL
6	Pectoral	4	LC
7	Black Tern	3	HL
8	Rock Dove	20	0 - d.t. - ML
9	Mourning Dove	75	everywhere
10	Yellow Billed Cuckoo	1	AC
11	Nighthawk	1	AC
12	Chimney Swift	25	X - AC
13	Common Flicker	3	AC
14	Red bellied Woodpecker	2	AC
15	Red headed Woodpecker	10	0 - LC - ML - B.W.
16	Downy Woodpecker	1	0 - AC
17	Eastern Kingbird	8	0 - LC - HL - BW
18	Eastern Wood Pewee	2	AC - BW
19	Olive sided flycatcher	1	BW
20	Rough winged Swallow	500	0 - LC - ML - HL - BW
21	Barn Swallow	150	0 - LC - HL - BW
22	Cliff Swallow	1	BW
23	Purple Martin	1	BW
24	Blue Jay	4	0 - AC - X - BW
25	Black capped Chickadee	5	AC - X - BW
26	Catbird	2	0 - X
27	Brown Thrasher	1	0
28	Robin	125	brd - 0 - AC - X - BW
29	Cedar waxwing	12	AC
30	Loggerhead Shrike	1	LC
31	Starling	150	everywhere
32	House Sparrow	250	mostly 0 - everywhere
33	Eastern Meadowlark	3	0 - HL
34	Red Winged Blackbird	300	LC - HL
35	Orchard Oriole	1	ML
36	Northern Oriole	3	0 - AC - LC
37	Common Grackle	60	everywhere

38	Brown Headed Cowbird	40	ML
39	Cardinal	20	everywhere
40	Indigo Bunting	2	BW
41	American Goldfinch	1	ML
42	Rufous sided Towhee	1	BW
43	Chipping Sparrow	15	AC
44	Field Sparrow	1	BW

Today was cloudy A.M., Clear P.M. It was pretty hot and humid this afternoon. We got up at 7 A.M. After breakfast I drove east of town & took my walk thru Ashland Cemetery. We then went to Church. After dinner Pearl & I took a drive down around the lakes & through Bluff Woods. The temperatures were low 72° high 89°.

Monday, August 28, 1978

1	Killdeer	1	o.h.	X
2	Rock Dove	12	o	- X
3	Mourning Dove	10	o	- X
4	Night hawk	6		X
5	Chimney Swift	60		X
6	Downy Woodpecker	1		X
7	Eastern King bird	2	o	- X
8	Least fly catcher	1		X
9	Barn Swallow	10	o	- X
10	Rough winged Swallow	35	o	- X
11	Cliff Swallow	2		X
12	Blue Jay	4	brd	- X
13	Black capped Chickadee	1		X
14	Robin	40	brd - o.h.	X
15	Cedar Waxwing	2		X
16	Starling	300	o	- X
17	House Sparrow	35	o	- X
18	Northern Oriole	1		X
19	Common Grackle	35		X
20	Cardinal	4	brd	- X
21	Red winged Blackbird	6		o
22	American Goldfinch	1		o

Today was clear and warm. The temperatures were low 71° high 86°.

Tuesday, August 29, 1978

1	Rock Dove	13	0
2	Mourning Dove	6	x - 0
3	Night Hawk	1	x
4	Chimney Swift	50	x
5	Common Flicker	1	brd
6	Red headed Woodpecker	1	brd
7	Downy Woodpecker	1	x
8	Barn Swallow	3	0
9	Blue Jay	3	x - brd
10	American Robin	50	x - brd
11	Starling	350	x - 0
12	House Sparrow	25	x - 0
13	Eastern Meadowlark	1	0
14	Common Grackle	30	x
15	Brown headed Cowbird	90	x
16	Cardinal	4	x - brd

Today was clear and nice. The temperatures were low 51° high 81°.

Wednesday, August 30, 1978

1	Rock Dove	10	0 - x
2	Mourning Dove	8	0 - x
3	Night Hawk	6	x
4	Chimney Swift	45	x
5	Downy Woodpecker	1	x
6	Barn Swallow	1	0
7	Cliff Swallow	3	x
8	Blue Jay	1	x
9	Black capped Chickadee	1	x
10	House Wren	1	x
11	Catbird	3	brd - x
12	Brown Thrasher	1	x
13	Robin	40	brd - x
14	Starling	500	0 - x

15	House Sparrow	35	0 - X
16	Common Grackle	16	X
17	Brown headed Cowbird	75	X
18	Cardinal	2	X
19	Chipping Sparrow	1	X

Today was clear and warm. The temperatures were low 52° high 82°.

Thursday, August 31, 1978

1	Killdeer	1	0
2	Rock Dove	12	X - 0
3	Mourning Dove	6	X - 0
4	Chimney Swift	15	X
5	Downy Woodpecker	1	X
6	Barn Swallow	3	0
7	Blue Jay	2	brd - X
8	House Wren	1	X
9	Catbird	1	X
10	Robin	100	brd - X
11	Starling	350	o.h. X
12	House Sparrow	20	0 - X
13	Eastern Meadowlark	4	0
14	Common Grackle	30	o.h. X
15	Brown headed Cowbird	75	o.h. X
↑ 16	Cardinal	3	brd - X
17	Northern Oriole	1	X

Today was clear and nice, a bit warm. Temperatures were low 52° high 85°. We had our place treated for termites today. I sure hope it keeps them away a long time.

Friday, September 1, 1978

1	Rock Dove	6	0
2	Mourning Dove	8	X - 0
3	Night Hawk	4	X
4	Chimney Swift	20	X
5	Rough winged Swallow	4	X
6	Barn Swallow	2	0

7	Blue Jay	8	bvd - X
8	House Wren	1	X
9	Catbird	1	X
10	Robin	110	bvd - X
11	Starling	225	mostly o.h. X
12	House Sparrow	20	X
13	Northern Oriole	1	X
14	Common Grackle	35	X
15	Brown headed Cowbird	60	X
16	Cardinal	4	bvd - X
17	American Goldfinch	1	X

Today was clear and warm. The temperatures were low 64° high 89°.

Saturday, September 2, 1978

1	Green heron	1	0
2	Blue (Sp)	1 (I think Wood Duck)	AR
3	Turkey Vulture	3	HC
4	American Kestrel	1	AR
5	Killdeer	2	0
6	Rock Dove	10	X - 0
7	Mourning Dove	25	AR - 0
8	Nighthawk	85	X - AR - HC
9	Chimney Swift	20	X - HC
10	B.B. Cuckoo	1	HC
11	Red headed Woodpecker	5	0 - HC
12	Eastern Kingbird	5	AR - HC
13	Great crested fly catcher	1	HC
14	Barn Swallow	20	X - AR - HC - 0
15	Rough winged Swallow	60	X - HC - 0
16	Blue Jay	6	HC - X - bvd
17	Black capped Chickadee	1	X
18	House Wren	1	X
19	Catbird	1	X
20	Brown Thrasher	1	0
21	Robin	90	X - bvd
22	Starling	600	mostly o.h. X
23	House Sparrow	225	mostly 0

24	Eastern Meadowlark	3	(6 sp ?)	0 - AR
25	Common Grackle	6		X
26	Brown headed Cowbird	100		0
27	Cardinal	5		HC - X
28	American Goldfinch	1		AR

Today was clear and warm after an early morning shower. The temperatures were low 68° high 90°. Tim Borton and I worked together this morning. I worked at home most of the time. This evening Pearl & I drove to Honey Creek. During the month of August we had **1.87 inches of rain**. This year to date we have **24.22 inches of rain**. Normal is **26.76**.

Saturday, September 3, 1978

1	Solitary Sandpiper	1	Corby Pond
2	Rock Dove	1	X
3	Mourning Dove	18	AC - X
4	Night hawk	155	X
5	Chimney Swift	50	X
6	Belted Kingfisher	1	AC
7	Common Flicker	5	AC - bvd
8	Red bellied Woodpecker	3	AC
9	Red headed Woodpecker	4	AC
10	Downy Woodpecker	1	X
11	Great Crested flycatcher	1	AC
12	Least Flycatcher	1	~~AC~~ X
13	Eastern Wood Pewee	1	AC
14	Rough winged Swallow	15	AC - X
15	Barn Swallow	1	X
16	Cliff Swallow	1	X
17	Blue Jay	20	bvd - AC - X
18	Common Crow	1	X
19	Black capped Chickadee	4	AC - X
20	White breasted Nuthatch	1	X
21	House Wren	3	AC - X
22	Catbird	2	X
23	Brown Thrasher	1	X