

Waterfowl Censuses on the Mississippi River from St. Louis, Missouri, to Cairo, Illinois: 19 November 1975 through 12 April 1976.

Eleven survey flights were made, at approximately 2-week intervals. These surveys were made in the same manner and by the same individual (Crompton) as were the surveys in the same area made in 1972-73, 1973-74, and 1974-75 (Bellrose et al. 1973, Sanderson et al. 1974, 1975). One earlier and one later flight were added in 1975-76 to the nine flights that were made in each of the three previous seasons. Additional surveys to determine the use of this section of the river by herons were made in the springs of 1973, 1974, 1975, and 1976 (Graber 1973, 1974, 1975, 1976).

Only those species of waterfowl listed in Table 1 were identified during these flights. Birds censused on these flights included 16 species of ducks and two species of geese plus coots and bald eagles. One new species of duck, the hooded merganser, was added to the list when 15 were seen on 6 January 1976.

A comparison of the censuses for the past 4 years is shown in Table 2. With only a few exceptions, more individuals of each species were censused in 1975-76 than in any of the previous three seasons. The water levels were lower in 1975-76 than in the previous years. These lower levels resulted in more exposed sandbars and more areas behind these sandbars protected from the current and thus improved habitat, especially for the mallard and coot. Counts of both of these species were considerably higher in 1975-76 than they were for any of the previous three years. In addition to improved habitat conditions in the area censused, the flyway population of coots was improved last year.

The Canada goose populations censused in 1975-76 were about the same as they were the past two seasons but were considerably below the levels seen in 1972-73. These changes can probably be explained by food conditions on the nearby state and federal refuges and by chance. More lesser scaups were counted in 1973-74 than in 1975-76. The lesser scaup was the only species other than

the Canada goose in which more than 1,000 birds were censused that had the highest count in a year other than 1975-76.

For most species, the addition of one earlier and one later flight did not significantly alter the totals for the season. Both blue-winged and American green-winged teal increased by approximately 25 percent because of the extra late count in the spring. The count for the coot increased approximately 16 percent because of the extra counts, with 80 percent of the increase coming from the later spring census. The largest percentage increase because of the two extra counts was for the shoveler (42.3 percent), all from the later spring census.

The data for the past four seasons indicate some of the variations to be expected because of changes in flyway populations, local habitat conditions (food, water levels, and similar factors), weather, chance, and other items. Thus, a series of data for a minimum of about 10 years is required in order to provide sound baseline data for use of an area by waterfowl.

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Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Canada Goose.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	15	0	0	0	0	2	13	9	39
2 Dec. 75	115	0	0	0	0	17	12	5	149
17 Dec. 75	9	0	0	8	0	6	25	47	95
6 Jan. 76	375	0	0	9	78	582	1,450	3,200	5,694
21 Jan. 76	225	0	3	16	180	675	2,565	2,950	6,614
3 Feb. 76	275	0	28	285	563	740	985	^a	2,876
18 Feb. 76	80	0	15	22	68	614	1,630	4,200	6,629
2 Mar. 76	45	10	8	29	94	373	415	862	1,836
18 Mar. 76	80	14	19	10	82	250	1,240	941	2,636
31 Mar. 76	325	19	11	32	106	130	214	562	1,399
12 Apr. 76	35	0	0	3	6	21	65	94	224
Total	1,579	43	84	414	1,177	3,410	8,614	12,870	28,191

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976--Mallard.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	850	0	5	6	26	19	22	37	965
2 Dec. 75	8,500	0	0	10	17	61	108	73	8,769
17 Dec. 75	875	0	16	48	53	88	164	287	1,531
6 Jan. 76	3,200	8	16	81	295	863	2,560	8,875	15,898
21 Jan. 76	475	11	28	86	382	676	935	1,970	4,563
3 Feb. 76	185	42	165	435	870	784	1,282	^a	3,763
18 Feb. 76	375	17	28	112	262	832	1,768	2,880	6,274
2 Mar. 76	550	28	61	115	387	995	2,762	6,545	11,443
18 Mar. 76	475	40	66	108	467	893	1,975	3,550	7,574
31 Mar. 76	415	39	247	168	380	544	892	986	3,671
12 Apr. 76	100	21	16	47	111	88	116	178	677
Total	16,000	206	648	1,216	3,250	5,843	12,584	25,381	65,128

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976--Black Duck.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City--Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	65	0	0	0	11	7	11	9	103
2 Dec. 75	225	0	0	3	9	7	24	18	286
17 Dec. 75	30	15	10	26	18	19	26	49	193
6 Jan. 76	90	0	4	24	18	23	84	252	495
21 Jan. 76	35	4	8	14	22	29	41	79	232
3 Feb. 76	20	10	17	28	31	44	69	<u>a</u>	219
18 Feb. 76	20	11	4	16	24	27	34	63	199
2 Mar. 76	20	9	13	21	16	29	65	132	305
18 Mar. 76	40	23	17	24	45	59	71	88	367
31 Mar. 76	35	18	36	29	36	42	67	37	300
12 Apr. 76	15	3	4	7	10	13	26	18	96
Total	595	93	113	192	240	299	518	745	2,795

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Common Goldeneye.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	45	0	0	4	13	24	10	14	110
17 Dec. 75	50	0	5	17	6	3	9	13	103
6 Jan. 76	150	7	3	10	15	21	37	59	302
21 Jan. 76	50	0	7	15	23	29	46	57	227
3 Feb. 76	50	13	30	44	76	168	67	^a	448
18 Feb. 76	45	0	0	21	6	13	27	47	159
2 Mar. 76	0	3	0	0	8	0	3	11	25
18 Mar. 76	20	0	0	0	0	4	7	14	45
31 Mar. 76	10	0	5	0	2	10	18	12	57
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	420	23	50	111	149	272	224	227	1,476

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976--American Merganser.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	10	0	0	0	4	13	4	3	34
17 Dec. 75	35	0	8	15	4	0	2	4	68
6 Jan. 76	45	0	2	7	14	11	19	37	135
21 Jan. 76	20	0	2	0	10	8	24	18	82
3 Feb. 76	15	4	12	17	30	45	43	<u>a</u>	166
18 Feb. 76	0	0	0	3	0	7	11	9	30
2 Mar. 76	0	0	0	0	0	0	0	2	2
18 Mar. 76	5	0	0	0	3	11	1	6	26
31 Mar. 76	0	0	7	0	0	0	4	0	11
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	130	4	31	42	65	95	108	79	554

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Pintail.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	125	0	0	0	0	0	4	2	131
2 Dec. 75	55	0	0	0	0	0	13	4	72
17 Dec. 75	40	0	0	0	0	0	9	17	66
6 Jan. 76	0	0	0	0	0	0	0	18	18
21 Jan. 76	0	0	0	0	0	0	0	13	13
3 Feb. 76	0	0	0	0	0	0	0	^a	0
18 Feb. 76	0	0	0	0	0	0	16	92	108
2 Mar. 76	350	0	0	0	7	51	145	428	981
18 Mar. 76	875	0	8	0	69	185	287	478	1,902
31 Mar. 76	80	5	0	17	45	84	176	118	525
12 Apr. 76	30	0	0	0	0	5	0	7	42
Total	1,555	5	8	17	121	325	650	1,177	3,858

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Coot.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	185	5	12	7	15	20	33	58	335
2 Dec. 75	275	0	0	17	55	12	42	27	428
17 Dec. 75	85	0	0	19	28	16	34	72	254
6 Jan. 76	0	0	0	13	45	19	24	83	184
21 Jan. 76	0	0	0	0	6	11	41	38	96
3 Feb. 76	0	0	0	0	0	0	0	^a	0
18 Feb. 76	0	0	0	0	33	0	10	18	61
2 Mar. 76	185	37	22	176	420	682	1,040	1,780	4,342
18 Mar. 76	250	55	89	47	170	260	311	550	1,732
31 Mar. 76	215	72	108	170	451	665	967	1,453	4,101
12 Apr. 76	150	25	44	62	90	252	298	475	1,396
Total	1,345	194	275	511	1,313	1,937	2,800	4,554	12,929

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- American Wigeon.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	65	0	0	0	0	0	10	8	83
2 Dec. 75	60	0	0	0	0	0	26	11	97
17 Dec. 75	35	0	0	0	0	5	16	23	79
6 Jan. 76	0	0	0	0	0	9	36	48	93
21 Jan. 76	0	0	0	0	0	0	16	27	43
3 Feb. 76	0	0	0	0	0	0	0	<u>a</u>	0
18 Feb. 76	0	0	0	0	0	5	14	26	45
2 Mar. 76	40	0	0	4	12	163	778	1,320	2,317
18 Mar. 76	175	13	4	28	112	282	307	428	1,349
31 Mar. 76	20	10	16	41	77	192	243	172	771
12 Apr. 76	0	0	0	0	0	0	11	19	30
Total	395	23	20	73	201	656	1,457	2,082	4,907

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Lesser Scaup.

	St. Louis (Horseshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	100	0	0	0	0	8	0	3	111
2 Dec. 75	80	0	0	0	84	103	58	14	339
17 Dec. 75	25	0	0	8	21	0	11	6	71
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1 ^a	0
18 Feb. 76	0	0	0	0	0	0	8	17	25
2 Mar. 76	0	0	0	6	16	12	53	157	244
18 Mar. 76	750	33	21	9	37	74	247	642	1,813
31 Mar. 76	45	8	0	7	16	49	123	47	295
12 Apr. 76	115	0	0	0	7	8	17	4	151
Total	1,115	41	21	30	181	254	517	890	3,049

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976--Shoveler.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	7	7
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1 ^a	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	2	0	4	21	68	95
18 Mar. 76	100	0	0	0	11	55	46	85	297
31 Mar. 76	30	17	0	28	54	40	140	315	624
12 Apr. 76	70	0	7	14	40	51	94	157	433
Total	200	17	7	44	105	150	301	632	1,456

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976--Ring-necked Duck.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	45	0	0	0	0	0	10	6	61
2 Dec. 75	15	0	0	8	0	19	12	0	54
17 Dec. 75	75	0	7	36	9	18	0	4	149
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	<u>a</u>	0
18 Feb. 76	0	0	0	0	5	14	24	49	92
2 Mar. 76	25	0	5	9	28	55	190	384	696
18 Mar. 76	325	18	7	34	136	90	114	965	1,689
31 Mar. 76	20	30	0	4	42	73	56	92	317
12 Apr. 76	40	0	11	0	13	0	8	35	107
Total	545	48	30	91	233	269	414	1,535	3,165

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Canvasback.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	20	0	0	0	0	0	0	0	20
2 Dec. 75	85	0	0	0	22	0	17	63	187
17 Dec. 75	65	0	0	0	0	0	0	0	65
6 Jan. 76	175	0	0	0	0	0	22	36	233
21 Jan. 76	0	0	0	0	0	0	0	5	5
3 Feb. 76	0	0	0	0	0	0	23	^a	23
18 Feb. 76	0	0	0	0	9	56	24	138	227
2 Mar. 76	0	0	0	4	13	48	135	97	297
18 Mar. 76	375	0	6	0	17	26	94	212	730
31 Mar. 76	50	0	0	0	18	58	31	66	223
12 Apr. 76	0	0	0	0	0	36	0	0	36
Total	770	0	6	4	79	224	346	617	2,046

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Blue and Snow Geese.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	3	0	3
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	4	0	0	0	8	12
6 Jan. 76	15	0	0	0	0	0	17	41	73
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	11	7	15	1 ^a	33
18 Feb. 76	0	0	0	0	17	0	0	115	132
2 Mar. 76	5	0	0	11	62	11	42	78	209
18 Mar. 76	175	18	45	16	60	20	95	162	591
31 Mar. 76	60	5	0	9	37	156	29	87	383
12 Apr. 76	20	0	0	0	2	10	34	28	94
Total	275	23	45	40	189	204	235	519	1,530

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Redhead.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	0	0
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1 ^a	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	0	0	0
18 Mar. 76	60	0	0	9	0	18	56	63	206
31 Mar. 76	0	0	0	0	10	18	6	14	48
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	60	0	0	9	10	36	62	77	254

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Blue-winged Teal.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	0	0
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	27	54	81
18 Mar. 76	65	0	0	0	40	117	86	197	505
31 Mar. 76	40	0	0	20	68	175	270	621	1,194
12 Apr. 76	50	0	0	0	28	70	142	187	477
Total	155	0	0	20	136	362	525	1,059	2,257

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Green-winged Teal.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City--Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	14	0	14
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	43	43
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	0	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	0	0	0
18 Mar. 76	20	0	0	0	0	45	52	74	191
31 Mar. 76	15	0	0	11	24	105	118	314	587
12 Apr. 76	25	0	0	0	13	24	69	53	184
Total	60	0	0	11	37	174	253	484	1,019

Table 1 - continued.

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Gadwall.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	0	0
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1 ^a	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	33	105	138
18 Mar. 76	60	0	0	0	10	30	66	54	220
31 Mar. 76	0	0	0	0	13	26	65	46	150
12 Apr. 76	0	0	0	0	0	0	17	11	28
Total	60	0	0	0	23	56	181	216	536

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Ruddy Duck.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	0	0
6 Jan. 76	0	0	0	0	0	0	0	0	0
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	1 ^a	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	0	0	0
18 Mar. 76	25	0	0	0	4	0	10	16	55
31 Mar. 76	0	0	0	0	4	6	14	0	24
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	25	0	0	0	8	6	24	16	79

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Hooded Merganser.

	St. Louis (Horseshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	0	0	0	0
6 Jan. 76	15	0	0	0	0	0	0	0	15
21 Jan. 76	0	0	0	0	0	0	0	0	0
3 Feb. 76	0	0	0	0	0	0	0	0	0
18 Feb. 76	0	0	0	0	0	0	0	0	0
2 Mar. 76	0	0	0	0	0	0	0	0	0
18 Mar. 76	0	0	0	0	0	0	0	0	0
31 Mar. 76	0	0	0	0	0	0	0	0	0
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	15	0	0	0	0	0	0	0	15

Table 1. Waterfowl censuses, Mississippi River--St. Louis, Missouri, to Cairo, Illinois--19 November 1975, through 12 April 1976-- Bald Eagle.

	St. Louis (Horshoe Lake)	St. Louis-Kimmswick	Kimmswick-Crystal City	Crystal City-Ste. Genevieve	Ste. Genevieve-Chester	Chester-Grand Tower	Grand Tower-Cape Girardeau	Cape Girardeau-Cairo	Total
19 Nov. 75	0	0	0	0	0	0	0	0	0
2 Dec. 75	0	0	0	0	0	0	0	0	0
17 Dec. 75	0	0	0	0	0	3	2	4	9
6 Jan. 76	3	0	0	1	6	8	15	12	45
21 Jan. 76	1	0	0	2	5	7	13	12	40
3 Feb. 76	0	1	3	2	4	7	7	^a	24
18 Feb. 76	0	0	0	5	2	6	9	14	36
2 Mar. 76	0	0	1	5	4	8	10	15	43
18 Mar. 76	0	0	0	0	0	0	0	0	0
31 Mar. 76	0	0	0	0	0	0	0	0	0
12 Apr. 76	0	0	0	0	0	0	0	0	0
Total	4	1	4	15	21	39	56	57	197

^a No census because of heavy fog.

Table 2. A comparison of the waterfowl censuses on the Mississippi River from St. Louis, Missouri, to Cairo, Illinois; 1972-73 to 1975-76.

Species	Number Counted on Nine Aerial Flights ^a			
	1972-73	1973-74	1974-75	1975-76
Canada Goose	108,293	25,340	32,931	28,191
Mallard	36,624	15,491	33,613	65,128
Black Duck	1,842	1,729	2,609	2,795
Common Goldeneye	463	783	1,304	1,476
American Merganser	164	743	740	554
Pintail	150	641	2,667	3,858
Coot	100	6,061	3,914	12,929
American Wigeon	25	1,294	3,893	4,907
Lesser Scaup	11	5,415	2,756	3,049
Shoveler	6	426	187	1,456
Ring-necked Duck	0	1,712	660	3,165
Canvasback	0	486	999	2,046
Blue and Snow Geese	0	418	772	1,530
Redhead	0	325	0	254
Blue-winged Teal	0	166	642	2,257
Green-winged Teal	0	92	185	1,019
Gadwall	0	55	155	536
Ruddy Duck	0	0	38	79
Hooded Merganser	0	0	0	15
Bald Eagle	43	68	119	197

^a In 1975-76 one extra early and one extra late flight were made.