

copy

FIELD REPORTS--FALL 1990

Thomas H. Kent, James L. Fuller, Carl J. Bendorf

WEATHER

Prior to the fall season, the overall dry pattern of 1989 was completely reversed. The first seven months (January through July) were the wettest in 118 years of Iowa weather records. August was only slightly wetter than normal; however, the rainfall was very unevenly spread across the state. Extensive flooding occurred in northeast Iowa but western and southern Iowa were quite dry. Totals varied from 12.9 inches in Worth County to only 0.8 inches in Cass County. September was unusually warm, dry, and sunny with temperatures averaging the warmest since 1978. Not since 1953 has a September been this dry overall. The state's first freeze came to northwest Iowa on the 23rd. October was relatively dry and temperatures were very mild, especially during the first week with afternoon highs in the 80s at many locations. Much cooler air invaded from the 7th to the 15th and much of Iowa recorded its first freeze on the 10th, about five days later than average. The first significant snowfall occurred on the 17th across the northwest third of the state. November was relatively warm and slightly above normal in precipitation. Significant snow fell over the northwest quarter of the state on the 3rd, and more snow was widespread on the 6th with up to 8.5 inches in westcentral Iowa.

Mean Temperature and Precipitation with Deviation from Normal

	Temperature, F Mean (Deviation)	Precipitation, inches Mean (Deviation)
August	72.3 (+0.2)	4.43 (+0.33)
September	66.7 (+3.2)	1.38 (-2.04)
October	51.0 (-1.7)	1.92 (-0.38)
November	41.7 (+4.5)	1.71 (+0.20)

GENERAL TRENDS

The residual high water from the summer period produced good habitat for shore birds, and many lingered late into November setting new record late dates. Warblers were late, with a large influx over the Labor Day weekend, in spite of no major weather front; another wave occurred on the last weekend of September. Waterfowl movement was delayed by the warm, calm weather, but on the weekend of 3-4 November there was a massive influx associated with a slow-moving front. The number of loons was particularly impressive. The ducks quickly moved on after that weekend. There were massive concentrations of Ring-billed Gulls through the end of the period, when few Herring Gulls had arrived yet. Sparrows reached a peak in late September and early October with good numbers and variety.

UNUSUAL SIGHTINGS

Accidental species that were documented included Red-throated Loon, Pacific Loon, Black Rail, Red Knot, Sharp-tailed Sandpiper, Parasitic Jaeger, Laughing Gull (an escapee), Mew Gull, California Gull, and Thayer's Gull. Casual species included Ibis species, Surf Scoter, Black Scoter, Black-legged Kittiwake,

Scissor-tailed Flycatcher, and Great-tailed Grackle. Rare regular species included Prairie Falcon, Yellow Rail, Varied Thrush, and Smith's Longspur.

SPECIES DATA

* = documented

Red-throated Loon: 1 was at Coralville Res. on 4 Nov (*THK, *JLF, *CAT, *AMJ); 1 was at L. Manawa on 12-13 Nov (*AMJ, *TEB).

Pacific Loon: 1 was at Little Wall L. on 23 Oct (*SJD); 1 was at Saylorville Res. on 10 Nov (*AMJ).

Common Loon: 2 in alternate plumage at High Amana on 8 Aug (LRH) and 2 at Saylorville Res. on 15 Sep (SJD) were unusually early. There was a massive influx of loons on 4 Nov with peaks of 297 at Saylorville Res. (SJD) and 230 at Coralville Res. (THK). A few remained to the end of the period.

Pied-billed Grebe: Peaks were 60 at Cardinal M. on 20 Sep (DC) and 150 at Union Slough N.W.R. on 11 Oct (MCK). The last was 1 on 24 Nov at Coralville Res. (THK).

Horned Grebe: The first were 2 at Lock and Dam 15 on 3 Sep (PCP). Peaks were 36 at Saylorville Res. on 28 Oct (SJD) and 15 at Coralville Res. on 5 Nov (THK). The last was at Saylorville Res. on 25 Nov (SJD).

Red-necked Grebe: A molting juvenile was at Union Slough N.W.R. on 28 Aug (*MCK); 1 was at Saylorville Res. on 28 Oct (*AMJ).

Eared Grebe: 1 was at Runnells W.A. on 22 Sep (JSi, SJD); 1 to 4 were at Saylorville Res. on 11, 21, 25, 28 Oct and 11 Nov (SJD, JLF); 1 was at Red Rock Res. on 3 Nov (JLF); and 1 was at Coralville Res. on 11 Nov (RP).

Western Grebe: The first was at Saylorville Res. on 18 Oct and the peak was 5 there on 28 Oct (SJD). Other locations with singles were L. Manawa on 25 Oct (BKP, LJP), Lake Anita on 21 Nov (BFH), and Red Rock Res. on 29 Nov (JLF).

American White Pelican: This species was present throughout the period with representative concentrations of 75 at Union Slough N.W.R. on 5 Aug (MCK), 300 at Ross P., Page Co., on 29 Aug (Jerry Abma fide BLW), 650 at IPL Ponds on 7 Sep (TEB), 1,650 at Red Rock Res. on 9 Sep (SJD), 4,400 at Saylorville Res. on 11 Sep (SJD), 200 at Coralville Res. on 4 Oct (THK), and 3,500 at Swan W.A., Warren Co., on 6 Oct (AMJ).

Double-crested Cormorant: This species was present throughout the period with peaks of 1,800 at Coralville Res. on 28 Sep (THK), 2,000 at Swan W.A. on 13 Oct (AMJ), and 2,600 at Saylorville Res. on 20 Oct (SJD).

American Bittern: About 18 birds were reported from eight locations. The first was 1 at Coralville Res. on 8 Sep (THK) and the last was at Tieg's M. on 7 Nov (SJD).

Least Bittern: The only report was 1 at Big Wall L. on 6 Oct (SJD).

Great Blue Heron: Peaks were 490 at Red Rock Res. on 9 Sep (SJD) and 125 in one field of view at Coralville Res. on 22 Sep (THK).

Great Egret: Peaks were 308 at Runnells W.A. on 9 Sep (SJD) and 100 at Coralville Res. on 7 Oct (RP). The last was 1 at Coralville Res. on 2 Nov (THK).

Snowy Egret: 1 was in Marshall Co. on 5 Aug (MPr) and 2 were seen at High Amana and later at Coralville Res. from 6 to 8 Sep (JLF,

THK).

Little Blue Heron: The first and last were immatures at Coralville Res. on 1 Aug and 10 Sep (THK). The peak was 55 at Riverton A. on 19 Aug (TEB, BKP). Adults were noted at Coralville Res. on 4 Aug (JLF, THK) and Riverton A. on 25 Aug (JLF). Other immatures included 3 in Appanoose Co. on 11 Aug (RLC), 2 at Saylorville Res. on 19 Aug (PA, RA), and 1 in Sac Co. on 21 Aug (EuA, ElA).

Cattle Egret: The only reports were of 1 w. of Knoxville on 27 Aug (AMJ); 10 at Moeckly Pr., Polk Co., on 3 Sep (PA, RA); and 2 at Thurman on 26 Sep (BKP).

Green-backed Heron: The last was 1 on 20 Oct n. of Iowa City (JLF).

Black-crowned Night-Heron: The peak was 25 at Riverton A. on 19 Aug (TEB, WRS). The last 1 was at Big Wall L. on 23 Oct (SJD).

Yellow-crowned Night-Heron: Peak count at Riverton A. was 25 on 25, 26 Aug (RLC, DCP). The only others were 1 imm. on 28 Aug at Union Slough N.W.R. (MCK, details) and 1 at Colo Ponds on 11 Sep (PA, RA, no details).

Ibis species: 2 were at Riverton A. on 2 Aug (TEB, WRS) and singles were there on 21 Aug and 13 Sep (CMP); 1 was w. of Huxley, Story Co., on 6, 8, and 9 Sep (SJD, JJD, MPr, BPr, SJS, *RIC); 1 was at Willow Sl. on 22 Oct (Dan Cain fide BLW, details)[record latest].

Tundra Swan: 60 at Pool 9 on 20 Oct (John Klingman fide SJD) built to 600 on 17 Nov (EuA, ElA). Birds away from this usual location were 1 ad. at Union Slough N.W.R. on 4 Nov (MCK), 6 ad. and 2 imm. at Coralville Res. on 5 Nov (THK), and 1 ad. and 1 imm. at Little Wall L. on 25 Nov (SJD, JJD).

Mute Swan: 1 juv. was at Red Rock Res. on 11 Oct (PA, RA) and 19 Oct (JLF).

Greater White-fronted Goose: The first were 50 at Rathbun Res. on 4 Oct (MAH). Other reports were from central Iowa except for 28 at Cardinal M. in NE Iowa on 19 Oct (DC).

Snow Goose: 210,000 were at De Soto N.W.R. on 14 Nov (Erv Klaas fide SJD).

Ross' Goose: 1-4 were at various locations in the Missouri River valley except for a remarkable count of 29 at Riverton A. on 20 Nov (SJD). The only others were 7 at Bays Branch on 15 Nov (SJD).

Canada Goose: An albino was at Bays Branch on 2 Nov (SJD).

Wood Duck: 200 were at Union Slough N.W.R. on 19 Nov and 4 remained until 25 Nov (MCK).

Green-winged Teal: 1 was at Coralville Res. on 2 Sep (THK).

American Black Duck: 1 at Union Slough N.W.R. on 7 Aug (MCK) was a unusually early.

Mallard: The highest count was 15,000 at Forney L. on 17 Nov (SJD).

Northern Pintail: 400 were at Union Slough N.W.R. on 23 Oct (MCK).

Blue-winged Teal: 400 were at Riverton A. on 19 Aug (TEB); 1 male was late at Saylorville Res. on 30 Nov (SJD).

Gadwall: 700 were at Union Slough N.W.R. on 23 Oct (MCK).

American Wigeon: The first was at Coralville Res. on 8 Sep (THK); 500 were at Union Slough N.W.R. on 23 Oct (MCK).

Canvasback: 200 were at Union Slough N.W.R. on 21 Oct (MCK).

Redhead: They were scarce at Union Slough N.W.R. with a peak of 8 (MCK).

Greater Scaup: Reports, all of which included details, were of 2 females at Big Creek S.P. on 3 Nov (SJD), 2-4 females at Coralville Res. on 4-5 Nov (AMJ, THK), 3 females at Saylorville Res. on 24 Nov (SJD), 1 female at Little Wall L. on 25 Nov (SJD), and 1 male at Hallett's Quarry on 29 Nov (SJD).

Lesser Scaup: There were two peaks at Saylorville Res. with 4,000 on 24 Oct and 4,500 on 3 Nov (SJD). A large influx of 5,000 at Coralville Res. on 4 Nov dispersed rapidly over the next few days (THK).

Oldsquaw: A male was at Ventura M. on 31 Oct (JLW, JBW), and a female was at IPL Ponds on 17 Nov (SJD).

Black Scoter: 2 females or immatures. were at Saylorville Res. on 21 Oct and 1 was there on 28 Oct (SJD).

Surf Scoter: 1-5 were at Saylorville Res. from 17 Oct to 10 Nov (SJD, JSi, *AMJ); 2 were at IPL Ponds on 27 and 31 Oct (BKP, LJP, TEB); and 1 was at L. Anita on 17 and 21 Nov (PA, RA, BFH).

White-winged Scoter: 9 were at Little Wall L. on 23 Oct, 2 of which were collected and 2 remained until 30 Nov (SJD); 3 were at Coralville Res. on 4 Nov (THK); and 1 was at L. Anita on 17 and 21 Nov (PA, RA, BFH).

Common Goldeneye: The first 2 were at Coralville Res. on 4 Nov (JLF).

Bufflehead: 2 males were at Saylorville Res. on 23 Sep (SJD) [record earliest except for three summer records]. The peak was 267 at Saylorville Res. on 24 Nov (SJD).

Hooded Merganser: Peaks were 27 at L. Ahquabi on 28 Oct (JSi), 70 at Coralville Res. on 4 Nov (THK), and 216 at Saylorville Res. on 24 Nov (SJD).

Common Merganser: The first were 3 at Saylorville Res. on 28 Oct (SJD).

Red-breasted Merganser: 1 was at Coralville Res. on 1 Oct (*THK) [2nd earliest]. Peaks were 280 at Saylorville Res. (SJD) and 50 at Coralville Res. on 11 Nov (RP).

Ruddy Duck: The last 2 were at Saylorville Res. on 28 Nov (SJD).

Turkey Vulture: The last were 1 in Marion Co. on 3 Nov (JSi) and an injured bird near Pella on 22 Nov (Beth Brown fide SJD).

Osprey: 5 were seen in August after the 18th. The last were at Decorah on 1 Nov (DC) and at Saylorville Res. on 4 Nov (SJD).

Bald Eagle: 1 imm. was at Red Rock Res. on 1 Aug (AMJ) and others were present throughout the period.

Northern Harrier: The first was noted on 5 Sep in Johnson Co. (THK).

Sharp-shinned Hawk: 1 was noted at A. A. Call S.P. in Kossuth Co. on 12 Aug (MCK). Counts included 29 on 29 Sep w. of Luther (SJD) and 61 on 29 Sep, 29 on 30 Sep, and 21 on 7 Oct at Grammer Grove (BPr).

Cooper's Hawk: 1 was noted at Coralville Res. on 12 Aug (RJH). Peaks were 7 on 24 Sep at Grammer Grove (BPr) and 16 on 30 Sep w. of Luther (SJD).

Northern Goshawk: Immatures with details were at Mason City on 16 Sep (JLW, JBW) and w. of Luther on 30 Sep (SJD, ASF). An adult

was seen in Mason City on 13 Oct (*KLP).

Red-shouldered Hawk: Singles were reported from Wildcat Den S.P. on 12 Sep (PCP), Iowa City on 23 Sep (RP), w. of Luther on 28 Sep (SJD, ASF), s. of Polk City on 26 Oct (SJD), and Waukon Junction on 24 Nov (JLF).

Broad-winged Hawk: 20 were in Kossuth Co. by 12 Aug (MCK). The peak count was 97 at Grammer Grove on 19 Sep (BPr).

Swainson's Hawk: 19 were at Waubonsie S.P. on 2 Oct (BKP); others were all singles seen between 21 Sep and 12 Oct in Hardin, Warren, Kossuth, Marshall, Story, and Fremont counties.

Red-tailed Hawk: The peak count was 91 in seven hours on 7 Oct at Grammer Grove (BPr). Krider's hawks were reported from Kossuth Co. on 12 Aug and 11 Nov (MCK). Harlan's hawks were reported from Kossuth Co. on 21 Oct (MCK) and Polk Co. on 27 Nov (SJD).

Rough-legged Hawk: 1 was at Coralville Res. on 23 Sep (RJH) [3rd earliest]. Another was in Marion Co. on 4 Oct (JLF).

Golden Eagle: Immatures were in Grundy Co. on 6 Oct (*MPr), at Grammer Grove on 18 Oct (*BPr), and Decatur Co. on 25 Nov (*PS). At the usual winter location in Allamakee Co., 3 were seen on 17 Nov (EuA, ElA) and 1 was there on 24 Nov (JLF). An adult was reported without details.

Merlin: The first was a female or immature w. of Luther on 9 Sep and the last was at Saylorville Res. on 27 Nov (SJD). There were 19 other sightings from widely scattered locations.

Peregrine Falcon: The first was in Iowa City on 23 Aug (RP) and the last was an adult in Sioux Co. on 24 Oct (*JV). There were 13 other sightings from widely scattered areas, not including wing-marked birds near Omaha and at Coralville Res.

Prairie Falcon: Singles were in NW Cass Co. on 14 Oct (*MAP), at Forney L. on 18 Nov and near Thurman on 21 Nov (SJD, details), and in W Sioux Co. on 23 Nov (*JV). Three other sightings lacked details.

Gray Partridge: Southern Iowa reports were 2 at Fairfield on 28 Aug (DCP), 4 near Lamoni in Nov (Harold and Curt Green fide JDG), and 11 in Mills Co. on 30 Nov (BLW).

Ruffed Grouse: Birds seen s. of Clarinda in Page Co. were said to have been present in previous years and thought to have come from a resident population in nearby Missouri (John Greenwood fide BLW).

Yellow Rail: 1 was at Snake Creek M. on 29 Sep (AMJ, details).

Black Rail: A report will be referred to the Records Committee. A secondhand report of another bird had minimal details.

Virginia Rail: Singles were at Coralville Res. on 27 Sep (JLF, THK) and at Snake Creek M. on 29 Sep and 3 Oct (AMJ).

Sora: The peak was 6 at Big Wall L. on 6 Oct and the last was there on 23 Oct (SJD).

Common Moorhen: 2 ad. and 3 imm. were at Union Slough N.W.R. on 28 Aug (MCK).

American Coot: High counts were 2,300 at Saylorville Res. on 16 Oct (SJD) and 4,000 at Union Slough N.W.R. on 30 Oct (MCK). The last were 5 at Little Wall L. on 29 Nov (SJD).

Sandhill Crane: Reports were 3 at Green Island in mid-Aug (Steve Nelson fide JJD), 1 imm. at Big Wall L. on 23 Oct (SJD), and 1 ad. at L. Panorama on 16 Nov (SJD). An old report was of 1 at

Riverton A. on 12 Jun 1990 (Carl Priebe fide BLW).

Black-bellied Plover: The first was 1 on 19 Aug at Red Rock Res. (AMJ). Peaks were 15 at Coralville Res. on 7 Oct (RP) and 14 Oct (THK). The last were 2 at Coralville Res. on 23 Nov (THK) [record latest]. One lingered at Big Creek S.P. until 4 Nov (SJD).

Lesser Golden-Plover: The first was a molting bird in Cerro Gordo Co. on 28 Aug (JLW, JBW). Peaks of 40 on 22 Sep at Sabula (PCP, BLB) and 55 on 6 Oct in Grundy Co. (MPr) were dwarfed by 700 on 7 Oct at Big Wall L. (SJD). The last was 1 on 4 Nov at Saylorville Res. (SJD).

Semipalmated Plover: The peak was 9 on 1 Oct at Swan W.A., Marion Co. (AMJ); the last was 1 at Saylorville Res. on 3 Nov (SJD, BE) [3rd latest].

Piping Plover: 1 was at IPL Ponds until 26 Aug (m.ob.); 1 was at Rathbun Res. on 26 Aug (JLF); and 1 was at Swan W.A., Warren Co., on 3 Sep (AMJ) [2nd latest].

American Avocet: 1 was at IPL Ponds on 25 Aug (m.ob.); 8 were at L. Manawa on 12 Sep (BKP); and 9 were at Saylorville Res. on 24 Oct (SJD, BE).

Greater Yellowlegs: The peak of 50 at Coralville Res. on 4 Nov were the last seen there (THK) and 1 was at Clear L. on the same day (JLW, JBW); however, 3 at Saylorville Res. on 27 Nov (SJD) were much later [ties record latest].

Lesser Yellowlegs: 2 at Saylorville Res. (SJD) and 1 at Coralville Res. (THK) on 3 Nov were late, but 1 on 14 Nov at Carlisle (JSi) was even later [3rd latest].

Solitary Sandpiper: 3 were late at Runnells W.A. on 6 Oct (AMJ).

Willet: The only one was at High Amana on 30 Aug (JLF).

Spotted Sandpiper: The last was 1 at Saylorville Res. on 11 Oct (SJD).

Upland Sandpiper: The last were 9 on 26 Aug in SW Fremont Co. (AMJ); others were from Johnson, Marshall, and Story counties.

Ruddy Turnstone: Singles were seen from 21 Aug to 19 Sep at High Amana and at Red Rock, Coralville, and Saylorville reservoirs.

Red Knot: 1-2 juveniles were west of Huxley, Story Co., from 3 Sep to 13 Sep (*SJD, *PA, *JJD, *MPr, *BPr, *TSc).

Sanderling: The first were 2 at Coralville Res. on 5 Aug (JLF); the peak was 29 at Saylorville Res. on 19 Sep (PA, RA); and the last were 4 at Saylorville Res. on 6 Nov (SJD).

Semipalmated Sandpiper: Late birds were 1 at Saylorville Res. on 24 Oct (SJD) and 1 in worn juvenile plumage at Coralville Res. on 28 Oct (THK, RP).

Western Sandpiper: 1-3 birds, most with supporting details, were reported from eight locations between 5 Aug and 14 Sep., and another in basic plumage was at Coralville Res. on 13 Oct (*THK) [record latest].

Least Sandpiper: The peak of 25 juveniles and adults was at Coralville Res. on 1 Aug (THK); late were 2 at Coralville Res. on 2 Nov (THK) and 1 at Saylorville Res. on 3 Nov (SJD, BE).

Baird's Sandpiper: The first were 3 at IPL Ponds on 3 Aug (TEB); the peak was 17 at Red Rock Res. on 3 Sep (AMJ); and the last were 1 at Coralville Res. on 2 Nov (THK) and 1 at Saylorville Res. on 13 Nov (SJD) [3rd latest].

Pectoral Sandpiper: The peak was 125 in Fremont Co. on 19 Aug

(TEB, WRS); late birds were 2 at Coralville Res. on 4 Nov (THK), 1 at Saylorville Res. on 11 Nov (SJD), and 6 at Riverton A. on 21 Nov (SJD).

Sharp-tailed Sandpiper: A juvenile bird was at Coralville Res. on 14 Oct (*THK, *JLF, *RP, *AMJ, *CAT).

Dunlin: The first and last were at Saylorville Res. on 28 Sep and 24 Nov (SJD); the peak was 140 at Coralville Res. on 14 Oct (THK).

Stilt Sandpiper: The peak was 160 at Runnells W.A. on 22 Sep (SJD, JSi); the last were 5 at Coralville Res. on 14 Oct (THK).

Buff-breasted Sandpiper: There were many more than usual this year. The first 2 were at IPL Ponds on 25 Aug (JLF). High counts were 20 at Coralville Res. on 7 Sep (JLF), 24 at Runnells W.A. on 9 Sep (JSi), and 33 at Saylorville Res. on 15 Sep (SJD, ASF). The latest was at Saylorville Res. on 18 Oct (*SJD, also 16 Oct *AMJ) [record latest].

Short-billed Dowitcher: The first juvenile was at Coralville Res. on 18 Aug (THK). The peak was 25 on 29 Aug at Swan W.A. (AMJ). Late were 3 juv. w. of Huxley on 18 Sep (SJD) [3rd latest] and 6 juv. that said "tu-tu-tu" at Runnells W.A. on 22 Sep (SJD, JSi) [record latest].

Long-billed Dowitcher: 2 at Riverton on 26 Aug were in alternate plumage (DCP). Peaks were 41 on 29 Sep at Saylorville Res. (SJD), 59 on 6 Oct at Runnells W.A. (AMJ), and 30 on 6 Oct at Coralville Res. (THK). Late birds were 2 at Coralville Res. on 4 Nov (THK), 3 with broken legs at IPL Ponds on 13 Nov (DLR, BJR) [ties 3rd latest], and 5 "keeking" juveniles at L. Panorama on 16 Nov (SJD) [2nd latest].

Common Snipe: 100 were at Coralville Res. on 14 Oct (THK).

Wilson's Phalarope: The peak was 11 on 6 Sep w. of Huxley (SJD, JJD) and the last were there on 11 Sep (BPr).

Red-necked Phalarope: Up to 4 were w. of Huxley from 4 Sep (AMJ) to 13 Sep (JLF); 1 was at Coralville Res. on 8 Sep (THK, JLF).

Parasitic Jaeger: 1 juv. was at Saylorville Res. on 3 Sep (*SJD).

Laughing Gull: An adult bird in winter plumage at L. Manawa on 9 Sep (*TEB, *WRS) was banded above the knee in a manner similar to a bird that had recently flown off from an Omaha zoo (TEB).

Franklin's Gull: Large concentrations included 2,000 in Appanoose Co. (RLC, date not given), 14,100 at Saylorville Res. on 29 Sep (SJD), and 2,000 at Union Slough N.W.R. on 18 Oct (MCK). The last were 6 at Saylorville Res. on 25 Nov (SJD).

Bonaparte's Gull: The first was at Rathbun Res. on 26 Aug (JLF). Peaks at reservoirs were 200 at Coralville on 11 Nov (RP), 1,130 at Saylorville on 13 Nov (SJD), and 250 at Red Rock on 29 Nov (JLF).

Mew Gull: A report will be referred to the Records Committee.

Ring-billed Gull: A peak of 10,000 was reached at Saylorville Res. on 30 Nov (SJD).

California Gull: 1 adult (or perhaps more than one) was at Saylorville Res. between 8 Sep and 14 Oct (*SJD, *JJD, *PA, *JLF, *AMJ, *TSc, *MPr). A first-winter bird was at Coralville Res. on 27-29 Oct (*THK, *JLF, *RP, *CAT, *CJB).

Herring Gull: The first was an adult on 23 Aug at Red Rock Res. (AMJ). There was no large influx during the fall period, with

only 33 at Saylorville Res. on 28 Nov. (SJD).

Thayer's Gull: First-winter birds were documented at Keokuk on 6 Nov (*RIC) and Red Rock Res. on 21 Nov (*JLF).

Glaucous Gull: 1 first-winter bird was at Red Rock Res. on 21 Nov (*JLF) [2nd earliest]; 2 birds were there later in the month.

Black-legged Kittiwake: First-winter birds were reported at Carter Lake (that little bit of Iowa that should be in Nebraska) on 4 Nov (*BKP/LJP) [3rd earliest], at Saylorville Res. on 10 Nov (*AMJ), and at Hawarden on 23 Nov (*JV). Two first-winter birds were at Saylorville Res. on 28 Nov (SJD, no details). An unusual report of an adult will be referred to the Records Committee.

Caspian Tern: The first were 10 at Coralville Res. on 27 Aug (THK). Peaks were 83 at Saylorville Res. on 20 Sep (SJD) and 40 at Coralville Res. on 21 Sep (THK). The last was 1 at Saylorville Res. on 28 Oct (SJD) [3rd latest].

Common Tern: 1 juvenile was at IPL Ponds on 25 Aug (DCP); all others were from Saylorville Res. from 2 Sep to 11 Oct with a peak of 9 juveniles on 30 Sep (AMJ).

Forster's Tern: The peak at Saylorville was 48 on 8 Sep with the last there on 24 Oct (SJD).

Least Tern: 1 was at IPL Ponds on 3 Aug (TEB); 2 were at Riverton A. on 20 Aug (CMP).

Black Tern: 25 were in Appanoose Co. on 3 Sep (RLC).

Black-billed Cuckoo: 1 on 25 Aug in Fremont Co. (RLC) was the only report.

Yellow-billed Cuckoo: Late birds at Waubonsie S.P. on 6 Oct (BKP, LJP) and in Madison Co. on 10 Oct (EuA) were not very tardy when compared to 1 at Glenwood on 4 Nov (*DLR) [record latest].

Common Barn-Owl: 2 were n. of Perry on 11 Aug (JLF) and 1 was resident on a farm e. of Shenandoah (Dave Tackett fide BLW).

Snowy Owl: 1 was s. of Estherville on 22 Nov (Harold White fide EuA).

Long-eared Owl: 1 on 18 Oct in Madison Co. (EuA) and 1 on 3 Nov at Big Creek S.P. (SJD) were the only reports.

Short-eared Owl: The first were s. of Lamoni on 1 Nov with 15 there on 15 Nov (JDG); 3 were at Tieg's M. on 7 Nov (SJD); and 5 were w. of Iowa City on 29 Nov (JLF).

Northern Saw-whet Owl: The first was at Wolf Creek P., Grundy Co., on 7 Nov (MPr). Other singles were found in Johnson, Boone, Polk, and Cherokee counties.

Common Nighthawk: The peak was 86 in Polk Co. on 8 Sep (SRL), but 40 were still at Algona on 6 Oct (MCK). The last was 1 at Des Moines on 14 Oct (RIC).

Whip-poor-will: 1 was still singing at dawn at Coralville Res. on 1 Sep (THK).

Chimney Swift: The peak at Fairfield was 4,000 on 21 Sep (DCP). The last were 12 at Glenwood on 11 Oct (DLR).

Ruby-throated Hummingbird: The peak was 7 at Norwalk on 12 Sep (AMJ). The last was at Sioux Center on 6 Oct (JV).

Red-headed Woodpecker: This species' disappearance from Effigy Mounds N.M. was attributed to no hickory or oak mast crop (DC). There were only two later reports and others noticed the disappearance of this species this fall.

Yellow-bellied Sapsucker: 3 were still at Effigy Mounds N.M. on

18 Aug in the area where they nested (DC). Otherwise, the earliest was on 13 Sep at Union Grove S.P. (MPr).

Northern Flicker: 34 were in a hay field n. of Indianola on 13 Sep (AMJ); 2 red-shafted birds were in Boone Co. on 5 Nov (SRL).

Pileated Woodpecker: 1 on 10 Oct at Grammer Grove (BPr) was at the edge of this species' range, while four sightings along the Des Moines River in Kossuth Co. (MCK) seem to indicate a range extension.

Olive-sided Flycatcher: The first were 5-6 on 12 Aug at Coralville Res. (THK, JLF) with a peak of 15 on 1 Sep in Johnson Co. (THK). The last was in Cerro Gordo Co. on 7 Oct (JLW, JBW) [2nd latest].

Eastern Wood-Pewee: 1 on 28 Sep at Coralville Res. (THK) was the last.

Yellow-bellied Flycatcher: Reports were of single birds from 8 locations from 30 Aug. to 15 Sep.

Acadian Flycatcher: 1 was reported without details.

Alder Flycatcher: Singles were identified by call in Marshall Co. on 16 Aug (BPr, MPr) and Warren Co. on 9 Sep (AMJ).

Willow Flycatcher: The only report was 1 at Coralville Res. on 1 Sep identified by "whit" note and lack of eye ring (THK) [3rd latest].

Least Flycatcher: The first was in Kossuth Co. on 11 Aug (MCK) and 5 were near Norwalk on 8 Sep (AMJ).

Eastern Phoebe: 1 was at Fairfield on 7 Nov (DCP) [record latest except for two winter records].

Great Crested Flycatcher: The last were singles on 23 Sep at Saylorville Res. (SJD) and 24 Sep in Warren Co. (AMJ).

Western Kingbird: The only report was of 2 in Pottawattamie Co. on 25 Aug (JLF).

Scissor-tailed Flycatcher: An adult was at the Wright residence n. of Lovilla from 3 Aug to 16 Oct (*TSc, *JLF, m.ob.).

Purple Martin: The last at Sioux Center were 4 on 4 Sep (JV).

Tree Swallow: Peaks were 460 at Cardinal M. on 20 Sep (DC), 2,000 at Big Creek S.P. on 27 Sep (SJD), 3,500 at Swan W.R. on 13 Oct (AMJ), and 10,000 on 13 Oct at Coralville Res. where there were still 500 on 2 Nov (THK).

Cliff Swallow: Peaks were 1,200 on 13 Sep at Union Slough N.W.R. (MCK) and 80 at Cardinal Marsh on 20 Sep (DC).

Barn Swallow: 14 were still at Union Slough N.W.R. on 11 Oct (MCK).

Blue Jay: Migrant flocks included 200 on 25 Sep at Algona (MCK) and 50 on 29 Sep at Saylorville Res. (AMJ).

Red-breasted Nuthatch: 1 was in Cherokee Co. on 6 Sep (DBi); 3 were at A.A. Call S.P. in Kossuth Co. on 20 Sep (MCK); 1 was at Liscomb on 23 Sep (MPr); and 2 were at Ledges S.P. on 29 Sep (AMJ).

Brown Creeper: The first was on 30 Sep in Mills Co. (DLR).

Carolina Wren: This species has re-established itself in the state after being virtually absent during the early 1980s. Fifteen reports of 1-3 birds from throughout the period were received from all sections including two from the northern tier of counties (Winneshiek and Kossuth).

House Wren: The last was 1 on 13 Oct in Johnson Co. (THK).

Winter Wren: 1-4 birds were reported from 12 locations throughout the state from 6 Sep to 15 Oct.

Sedge Wren: The only report was 1 in Johnson Co. on 27 Sep (THK).

Marsh Wren: 2 were in Lucas Co. on 15 Sep (RLC); 5 were at Coralville Res. on 29 Sep (THK); and the last were 4 on 23 Oct at Big Wall L. (SJD).

Golden-crowned Kinglet: The first was on 25 Sep in Kossuth Co. (MCK). The peak of 20 was in Winneshiek Co. on 26 Sep (DC).

Ruby-crowned Kinglet: The first was 1 on 8 Sep in Warren Co. (AMJ); 100 were in Kossuth Co. on 25 Sep (MCK).

Blue-gray Gnatcatcher: The last was 1 on 6 Sep at Fairfield (DCP).

Eastern Bluebird: 161 fledged from boxes near Auburn this year, slightly up from last year (REE). In Mills Co. 25 were seen on 31 Oct (TEB, BKP).

Gray-cheeked Thrush: The only report was 1 in Appanoose Co. on 9 Sep (RLC).

Swainson's Thrush: 2 in Appanoose Co. on 9 Sep (RLC), and 1 at Fairfield on 11 Sep (DCP) were the only reports.

Hermit Thrush: Three reports described 1-12 birds from 6-10 Oct in central Iowa (MPr, BPr).

American Robin: 300 were in a tight flock in Mills Co. on 28 Oct (DLR). The last in Sioux Co. were on 23 Nov (JV). An all white bird was reported from Cerro Gordo Co. on 15 Oct (*KLP).

Varied Thrush: The only fall report was from the Macbride Nature Recreation A. in Johnson Co. on 4 Nov (*JLF).

Gray Catbird: November reports were of singles on the 3rd at Norwalk (AMJ), the 10th at Saylorville Res. (JRC), and the 17th at L. Macbride (JLF).

Northern Mockingbird: 1-2 birds were reported from 3 locations in Johnson Co from 2 Aug to 30 Sep (JLF, RJH, THK); 1 was at Wildcat Den S.P. on 12 Sep (PCP); and 1 was in Madison Co. on 15 Nov (ELA).

Brown Thrasher: The last was 1 on 27 Nov at Clive (JRC).

American Pipit: 10 reports of 1-60 birds were all from Saylorville, Red Rock, or Coralville reservoirs, with the first on 22 Sep at Runnells W.A. (SJD, JSi), the last on 25 Nov at Saylorville Res. (SJD), and the peak of 60 on 3 Nov at Saylorville Res. (SJD).

Northern Shrike: Single birds were reported from Mason City on 26 Oct (JLW, JBW), from Big Creek S.P. on 31 Oct (JSi), from Kossuth Co. 4 and 17 Nov (MCK), from Little Wall L. on 4 Nov (PA, RA), near a Marshalltown feeder on 13 Nov (Betty Savage fide BPr), and from Big Creek S.P. on 17 Nov (DLR, BJR).

Loggerhead Shrike: 1-5 were in Johnson Co. during August (RJH, JLF), and 1 was at Snake Creek W.A. on 4 Oct (JLF).

Bell's Vireo: 3-4 in Fremont Co. on 19 Aug (WRS, TEB), and 1 on 9 Sep in Warren Co. (JSi) were the only reports.

Solitary Vireo: The first was 1 on 11 Sep in Winneshiek Co. (DC). The peak was 4 at Ledges S.P. on 29 Sep (AMJ). The last was 1 on 7 Oct at Iowa City (THK).

Yellow-throated Vireo: The peak was 4 on 2 Sep in Kossuth Co. (MCK), and the last was 1 on 28 Sep at Coralville Res. (THK).

Warbling Vireo: 8 Sep was the peak with 5 in Warren Co. (AMJ); 1

was still in Kossuth Co on 25 Sep (MCK) [2nd latest].

Philadelphia Vireo: The last was 1 on 28 Sep in Warren Co. (AMJ).

Red-eyed Vireo: All reports were from 2-9 September, with a peak of 18 in Appanoose Co. on 9 Sep (RLC).

Golden-winged Warbler: Ten reports of 1-2 birds, with the first in Kossuth Co. on 2 Sep (MCK), and the last on 16 Sep in Marshall Co. (MPr).

Tennessee Warbler: The first was 1 on 31 Aug in Hardin Co. (MPr); 5 were in Kossuth Co on 2 Sep (MCK), and 4 were in Johnson Co. on 7 Oct, where 1 was still present on 13 Oct (THK).

Orange-crowned Warbler: The first was 1 on 3 Sep at Fairfield (DCP); the peak was 10 at Algona on 25 Sep (MCK); and the last was at Bays Branch on 26 Oct (SJD).

Nashville Warbler: The first was 1 on 27 Sep in Warren Co. (AMJ). The peak of 20 was at Algona on 25 Sep (MCK). The last was 1 in Johnson Co. on 7 Oct (THK).

Northern Parula: Single birds were seen in 6 locations from 1 to 14 Sep, with a peak of 4 in Appanoose Co. on 9 Sep (RLC).

Yellow Warbler: The only report was 1 at Fairfield on 13 Sep (DCP).

Chestnut-sided Warbler: 2 were at Wolf Creek P., Grundy Co., on 30 Aug (MPr); 4 were in Warren Co. on 8 Sep (AMJ).

Magnolia Warbler: 6 reports noted 1-5 birds from 31 Aug to 1 Oct.

Cape May Warbler: The only report was of 2 at Iowa City on 2 Sep (THK).

Black-throated Blue Warbler: This species was reported at four locations: Males were seen in Johnson Co. on 2 and 29 Sep (THK), and females were reported from Johnson Co. on 6 Oct (JLF) and Polk Co. on 11 Oct (JRC).

Yellow-rumped Warbler: Typically a late migrant, the first was on 15 Sep in Polk Co. (MPr). The peak was 100 in Warren Co. on 6 Oct (AMJ), and 6 were still present at Shimek F. in Lee Co. on 5 Nov (RIC).

Black-throated Green Warbler: 1-4 were reported from five locations from 2 Sep to 1 Oct.

Blackburnian Warbler: 7 were a large number to be so early on 21 Aug at A.A. Call S.P. (MCK). Other reports were 1 in Hardin Co. on 4 Sep (MPr) and 2 in Warren Co. on 10 Sep (AMJ).

Pine Warbler: The only report was of 2 described with unstreaked backs in Davenport on 7 Sep (Jim Lewis fide PCP).

Palm Warbler: 1 at Snake Creek W.A. on 29 Sep was the only report (AMJ).

Bay-breasted Warbler: "Warblering" must be great along the Des Moines River in Kossuth Co., as 16 were seen there on 2 Sep (MCK). The first was 1 on 31 Aug in Hardin Co. (MPr), and the last was on 29 Sep at Pony Creek P. in Mills Co. (DLR, BJR).

Blackpoll Warbler: 4 on 2 Sep in Kossuth Co. (MCK) was the only report.

Black-and-white Warbler: In a tight time frame of 1 to 6 Sep, 3 reports from different parts of the state described 3-8 birds.

American Redstart: 30 were seen in Johnson Co. on 1 Sep (THK); the last was 1 on 26 Sep in Winneshiek Co. (DC).

Prothonotary Warbler: The only report was 1 at High Amana on 19 Aug (LRH).

Ovenbird: An unusually large number of 11 was seen on 3 Sep at A.A. Call S.P. (MCK). The last was 1 on 24 Sep in Polk Co. (JRC).

Northern Waterthrush: 1 on 6 Sep at Wolf Creek P. was the only report (MPr).

Mourning Warbler: 1-2 were reported from six locations from 31 Aug to 11 Sep.

Common Yellowthroat: A male and female were at Coralville Res. on 25 Nov (RP, details) [record latest except for two winter records].

Wilson's Warbler: The earliest was 1 on 30 Aug in Grundy Co. (MPr). A peak of 6 on 2 Sep were in Kossuth Co. (MCK). The last was 1 at Fairfield on 11 Sep (DCP).

Canada Warbler: The first was 1 on 15 Aug in Marshall Co. (MPr); the last were 2 on 8 Sep in Marshall Co. (MPr) and 2 in Appanoose Co. on 9 Sep (RLC).

Summer Tanager: There was only one report from Waubonsie S.P. of a single bird on 21 Aug (TEB, BKP).

Scarlet Tanager: Single male birds were seen in 3 separate locations on 20, 27, and 28 Sep. A male with lemon yellow body and black wings and tail was in a backyard n. of Iowa City on 11 Nov (*JLF) [2nd latest].

Blue Grosbeak: 3 reports were all from their customary western Iowa location in August. One was a male bird still singing in Fremont Co. on 19 Aug (TEB, WRS). Others were in Pottawattamie Co. on 25 Aug (DCP) and Crawford Co. on 26 Aug (MCK).

Indigo Bunting: The last were 2 at Coralville Res. on 29 Sep (THK), 6 young birds that were possibly a late brood in Mills Co. on 30 Sep (DLR), and a young bird at a bird bath in Boone Co on 6 Oct. (SRL).

Dickcissel: 12 were seen in Fremont Co. on 25 Aug (RLC). A female was trapped in Story Co. on 23 Oct (Bert Geisler fide JJD) [3rd latest except for two winter records].

Rufous-sided Towhee: Late fall sightings of this bird in Iowa are often of the spotted or western race. All three reports describe single birds of that race, and were 19 Oct at Sioux Center (Tina Van Dyk fide JV), 28 Oct at Fairfield (DCP), and 13 Nov at Cardinal Marsh (DC).

American Tree Sparrow: 1 was at Fairfield on 11 Oct (DCP).

Chipping Sparrow: Young birds were still in a nest in Boone Co. on 15 Sep. The last were 3 in a farmyard in Johnson Co. on 2 Nov (THK) and 1 on 11 Nov at a feeder in Johnson Co. (RJH, details).

Field Sparrow: The last was 1 on 4 Nov at Lake Ahquabi S.P. (JSi).

Vesper Sparrow: 24 were feeding in a harvested bean field near Bays Branch on 3 Oct (AMJ), and 12 were at Union Slough N.W.R. on 11 Oct (MCK).

Savannah Sparrow: A peak of 50 on 11 Oct were at Union Slough N.W.R. (MCK); 9 were in Cass Co. on 20 Oct (MAP). The last were 6 on 2 Nov at Coralville Res. (THK).

Le Conte's Sparrow: This species is usually found if looked for in the right habitat in late September and early October. It appears that more people are finding them as there were 9 reports of 1-18 birds. The first were 4 on 24 Sep at Snake Creek W.A. (ElA, EuA). The peak was 18 at Snake Creek W.A. on 29 Sep (AMJ).

The last were 5 on 14 Oct at Saylorville Res. (JRC).

Sharp-tailed Sparrow: This is another bird that can be found by looking in the right place at the right time. Again there were 9 reports of 1-12 birds. The first were 2 at Snake Creek W.A. on 24 Sep (EIA, EuA). The peak was 12 on 27 and 29 Sep at Coralville Res. (THK, JLF). The last were 3 on 13 Oct at Coralville Res. (THK).

Fox Sparrow: The first report was of 1 bird on 27 Sep at Coralville Res. (THK) [ties 3rd earliest].

Lincoln's Sparrow: 10 reports noted 1-4 birds from throughout the state, with the first on 25 Sep at Algona (MCK) and the last on 21 Oct in Johnson Co. (RP).

Swamp Sparrow: A peak of 100 on 29 Sep were at Snake Creek W.A. (AMJ).

White-throated Sparrow: The first was on 16 Sep in Warren Co. (AMJ); the peak of 40 was on 13 Oct in Appanoose Co. (RLC).

White-crowned Sparrow: Two reports of 2 birds each were both on 29 Sep from Greene Co. (AMJ) and Grundy Co. (MPr).

Harris' Sparrow: The first was 1 east of its range at Coralville Res. on 27 Sep (JLF). A large flock at Auburn on 1 Oct was reduced to 12 birds by the end of the period (REE).

Dark-eyed Junco: The first was 1 on 23 Sep at Algona (MCK).

Lapland Longspur: 1 was at Coralville Res. on 1 Oct (*THK) [2nd earliest]. Flocks included 150 at Big Wall L. on 23 Oct (SJD), 1,200 at Union Slough N.W.R. on 30 Oct (MCK), 200 in Grundy Co. on 4 Nov (MPr), 1,000 at Union Slough N.W.R. on 25 Nov (MCK), and 100 in Sioux Co on 30 Nov (JV).

Smith's Longspur: There are no recent fall records of this species in Iowa, so a documented report will be referred to the Records Committee. Another undocumented report was received.

Snow Bunting: 1 was at Saylorville Res. on 20 Oct (JLF, details) [3rd earliest]. Others were 2 on 3 Nov at Saylorville Res. (MPr), 10 at Otter Creek M. on 10 Nov (MPr), 2 at Coralville Res. on 22 Nov (THK), and 19 at Red Rock Res. on 29 Nov (JLF).

Western Meadowlark: 1 was still singing at Fairfield on 7 Oct (DCP), and 18 were in Boone Co on 8 Nov (SRL).

Yellow-headed Blackbird: 1 female on 8 Aug was the last of the birds that summered at Swan L. in Johnson Co. (THK). Single males were at Big Wall L. on 7 Oct (SJD) and Union Slough N.W.R. on 10 Oct (MCK). The last were 11 males on 31 Oct at Clear L. (JLW, JBW).

Rusty Blackbird: The first were 2 on 13 Oct at Coralville Res. (THK). Large flocks were 110 at Big Wall L. on 23 Oct (SJD) and 250 at Union Slough N.W.R. on 20 Nov (MCK).

Great-tailed Grackle: 1 male was seen entering a roost with Common Grackles at Ames on 25 Sep (SJD); 1 male and 3 females were at Forney L. on 19 Nov (SJD) [3rd latest].

Common Grackle: A flock of 5,000 was at Union Slough N.W.R. on 21 Oct (MCK), and 1 was still at Sioux Center on 29 Nov (JV).

Purple Finch: The first were 2 on 16 Sep at Saylorville Res (SJD); 12 were at Cardinal M. on 20 Nov (DC).

House Finch: Reported as a permanent resident now in Sioux Co. (JV). Numbers were thought to be down this year at Indianola (JSi).

Red Crossbill: 10 were n. of Centerville on 25 Oct (MAH); 30 were at Ames on 27 Oct (SJD); 11 were at L. Panorama in Guthrie Co. from 11 to 16 Nov (SJD); and 4 were at Wolf Creek P. in Grundy Co. on 21 Nov (MPr).

White-winged Crossbill: 1 was in Ames on 1 Oct (Erv Klaas fide SJD); 1 was seen at Jester Park on 31 Oct (JSi) and 2 Nov (EIA, EuA, JSi); and 4 females and immatures were at Mason City on 20 Nov (JLW, JBW).

Common Redpoll: Single birds were at feeders on 27 Nov at Algona (MCK) and at Sioux Center (JV).

Pine Siskin: No large flocks were reported, with the most being 12 at Algona on 12 Oct (MCK). The first was 1 on 16 Sep in Fremont Co. (DLR, BJR).

American Goldfinch: 3 fledglings were still being fed by an adult on 15 Oct at Algona (MCK).

Evening Grosbeak: The only report was 1 on 11 Nov near Guthrie Center (Jon Judson fide SJD).

CONTRIBUTORS

* = documentation only

Pam Allen (West Des Moines); Reid Allen (West Des Moines); Eloise Armstrong (Booneville); Eugene Armstrong (Booneville); *Carl J. Bendorf (Iowa City); Dick Bierman (Cherokee); Tanya E. Bray (Bellevue, NE); Dennis Carter (Decorah); Robert I. Cecil (Des Moines); Jane R. Clark (Clive); Raymond L. Cummins (Centerville); James J. Dinsmore (Ames); Stephen J. Dinsmore (Ames); Rita E. Efta (Auburn); James L. Fuller (Iowa City); J. Donald Gillaspay (Lamoni); Lanny R. Haldy (Amana); Marjorie A. Heusinkveld (Centerville); Richard J. Hollis (Iowa City); Bill F. Huser (South Sioux City, NE); Ann M. Johnson (Norwalk); Matthew C. Kenne (Algona); Thomas H. Kent (Iowa City); Sharon R. Laub (Rippey); *Kenneth Lowder (Iowa City); *Darwin D. Mosman (Elkhart); Babs K. Padelford (Bellevue, NE); Loren J. Padelford (Bellevue, NE); Marietta A. Petersen (Walnut); Peter C. Petersen (Davenport); Randy Pinkston (Iowa City); *Kim L. Pinneke (Mason City); Diane C. Porter (Fairfield); Carl M. Priebe (Sidney); Beth Proescholdt (Liscomb); Mark Proescholdt (Liscomb); Douglas L. Rose (Glenwood); *Tim Schantz (Knoxville); *Pat Schlarbaum (Boone); *W. Ross Silcock (Tabor); Jim Sinclair (Indianola); Susan J. Spieker (Norwalk); *Carol A. Thompson (Iowa City); John Van Dyk (Sioux Center); Jan L. Walter (Mason City); and Barbara L. Wilson (Hastings).

OTHER OBSERVERS

Brian L. Blevins (Davenport); Bery Engebretsen (Johnston); Andrew S. Fix (Ames); Willis M. Heusinkveld (Centerville); B.J. Rose (Omaha, NE); and Jim B. Walter (Mason City).

COMMENT

The database for the fall report included 1,260 records from 46 contributors. There were 70 documentations of 40 birds representing 36 different species. Three reports that were received well after the deadline could not be included. Coverage of Iowa's reservoirs continues to increase and provides very good information on the movement of birds through Iowa in fall, especially non-passerines. More and more observers are providing high counts and early and late dates. Evidence of

increased "hawk watching" was provided by numbers seen over a period of hours at various locations. The database provides a less clear picture of passerine movements, but this year several peaks seemed to occur over weekends when observers were out. Our best water areas appeared to get monitored during the week, but passerine habitat is much better covered on weekends based on the data submitted.

The most striking change in fall birding in Iowa over the last 10 years has been the increase in gulls and number of unusual gulls that have been picked out of the large concentrations. The increased coverage of water areas has also documented the regular occurrence of all three scoters.