

Computed by Mike Nash

This file contains the sorted Iowa field reports from fall 1984.

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cml/          COMMON LOON
cml/   1      08 23      big cr sv          sd
cml/          09 23          E DATE 1
cml/          10 10          E DATE 2
cml/          10 15          E DATE 3
cml/   2      10 31      miss r lee co      cb
cml/  11      11 03      little wall lk      jd
cml/  11      11 04      lk mabr/co r      tjs
cml/   9      11 04      sv          sd
cml/   2      11 07      little wall lk hardinbp
cml/  10      11 11      co r          tk
cml/   8      11 11      sv          emu
cml/   1      11 17      de soto nwr      bw
cml/   1      11 19      pine lk hardin      bp
cml/  20      11 20      co r/lk mabrided      jf
cml/   4      11 21      sv          hz
cml/   1      11 24      lk rathbun      rc      appanoose co
cml/  --      11 25      sv          svjd      1
cml/   1      11 28      sv          bp
cml/          12 12          L DATE 2
cml/          12 13          L DATE 1
----- input.f84
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pbg/          PIED-BILLED GREBE
pbg/  69      09 20      wl s          bw      max
pbg/   3      10 03      wl s          bw
pbg/  47      10 24      wl s          bw
pbg/  11      11 25      sv          sd
pbg/   1      11 29      wl s          bw
----- input.f84
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hog/          HORNED GREBE
hog/   2      08 16      rush lk ocheyedan      mb
hog/          08 18          E DATE 1
hog/          09 09          E DATE 2
hog/          09 19          E DATE 3
hog/   1      09 20      sv          emu
hog/   1      09 20      sv          sd      e
hog/   1      09 20      wls; -10/24      bw
hog/   6      10 26      co r          tk
hog/  12      10 27      sv          mdx
hog/   1      10 29      manawa      bpa/sk
hog/   4      10 31      co r          tk
hog/  10      11 01      sv          sd      e
hog/   2      11 02      cedar lk cr      jf      linn co
hog/   1      11 04      lk mabr      tjs
hog/   7      11 08      big spirit lk dickinson dh
hog/  42      11 08      sv          sd
hog/   2      11 11      lk 13      pp      w pl
hog/          11 24          L DATE 3
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hog/	--	11 25	sv	1
hog/		12 22		L DATE 2
hog/		13 01		L DATE 1

----- input.f84

rng/		RED-NECKED GREBE		
rng/		09 09		E DATE 1
rng/		09 11		E DATE 2
rng/		09 20		E DATE 3
rng/		11 18		L DATE 3
rng/		12 15		L DATE 2
rng/		12 17		L DATE 1

----- input.f84

erg/		EARED GREBE		
erg/		11 08		E DATE 1
erg/		12 23		L DATE 2
erg/		13 02		L DATE 1
erg/		16 12		L DATE 3
erg/		22 08		E DATE 2
erg/		24 08		E DATE 3

----- input.f84

weg/		WESTERN GREBE		
weg/		02 10		E DATE 1
weg/	3	08 11	rush lk osceola	flm 1ad/2 1/2gr yng!
weg/		09 10		E DATE 2
weg/		10 10		E DATE 3
weg/	1	10 18	co r	tk phase?
weg/	1	10 20	saylorville lk	be dk ph bill
weg/	10	10 26	saylorville	e&ea
weg/	2	10 27	sv dk ph	mdx
weg/	1	10 29	co r	jf
weg/	1	10 30	sv	sd
weg/	11	11 01	sv	sd phase?
weg/	1	11 02	lk mcbride	jf no details
weg/	1	11 04	co r jolley roger	tjs
weg/	1	11 07	big cr sp	bp
weg/	1	11 08	big cr sp	hz
weg/		11 23		L DATE 1
weg/		11 27		L DATE 2

----- input.f84

wtp/		WHITE PELICAN		
wtp/	200	09 05	forney lk	bpa/tb
wtp/	900	09 13	ingham lk wa emmet	dh
wtp/	280	09 20	wl s	bw
wtp/	54	09 23	lk rathbun	
wtp/	1	09 26	wl s	bw
wtp/	400	09 27	sunken grove	mb
wtp/	650	09 28	sv	hz
wtp/	300	10 06	forney lk	tb,bpa
wtp/	90	10 07	wl s	bw
wtp/	300	10 16	forney lk	blp/tbr
wtp/	7	10 24	sv	sd

wtp/	8	10 27	wl s	bw	1
wtp/	7	11 03	keokuk	bc	overhead
wtp/		11 07		E DATE 3	
wtp/	1	11 11	sv	emu	
wtp/		11 14		E DATE 2	
wtp/		11 18		E DATE 1	
wtp/	--	11 22	sv	sd	

----- input.f84

DOUBLE-CRESTED CORMORANT					
dcc/	12	08 18	fremont co	tb,rs	
dcc/	20	08 19	4 n n bbck lk	cb	
dcc/	-	08 19	co r	tk	4 nests
dcc/	10	08 26	fremont co	emu	
dcc/	12	09 03	so fremont co	blp	
dcc/	-	09 17	co r	bg	2 occ nests
dcc/	150	10 06	forney lk	tbbpa	
dcc/	750	10 07	co r	tk	max
dcc/	2	10 07	walton lk jefferson	dpo	
dcc/	550	10 14	co r	mn	pk
dcc/	350	10 15	hm	sd	
dcc/	11	10 21	ames	pm	
dcc/	600	10 24	sv	sd	
dcc/	2	10 29	manawa	bpa/sk	
dcc/	15	11 17	hickory gr sp story	hz	
dcc/	18	11 23	sv	hz	
dcc/	7	11 24	lk rathbun	rc	
dcc/	1	11 25	co r	mn	1
dcc/	18	11 25	sv	sd	

----- input.f84

AMERICAN BITTERN					
amb/	1	09 21	mills co	en fide bw	
amb/		11 10		L DATE 3	
amb/		11 11		L DATE 2	
amb/		11 17		L DATE 1	

----- input.f84

LEAST BITTERN					
lsb/	4	07 25	snk cr m, green co	ls	
lsb/	1	08 04	folsom lk mills	tb, rs	
lsb/	1	08 05	folsom lk	cb	mills co
lsb/	1	08 17	big cr sp polk	emu	
lsb/	1	09 04	folsom lk	blp	
lsb/	3	09 25	big wall lk	sd	
lsb/		10 08		L DATE 3	
lsb/		10 18		L DATE 2	
lsb/		11 12		L DATE 1	

----- input.f84

GREAT BLUE HERON					
gbh/	4	08 04	folsom lk mills	tb,rs	
gbh/	200	08 05	fremont co	tk	
gbh/	39	08 12	vic neb cy br	bw fremont/conc h	
gbh/	35	08 18	fremont co	tb,rs	

gbh/	443	09 16	co r	mn	max
gbh/	300	09 20	runnels ga; -10/1	jsc	
gbh/	11	09 28	sv	hz	
gbh/	6	10 06	forneys lk	tb,bpa	
gbh/	1	10 06	keg lk mills	tb,bpa	
gbh/	50	10 28	co r	tk	
gbh/	1	10 29	manawa	bpa/sk	
gbh/	1	11 04	lk rathbun	rc	1
gbh/	3	11 25	co r	mn	

----- input.f84

GREAT EGRET					
geg/	12	08 04	folsom lk mills	tb/rs/bpa	
geg/	75	08 05	fremont co	tk	
geg/	23	08 12	vic neb cy br	bw	frem co
geg/	66	08 18	forneys lk	tb,bpa	
geg/	1	08 21	sioux ctr	jvd	
geg/	77	09 03	so fremont	bpa/tb	
geg/	40	09 12	waubonsie acc fremmont		mp
geg/	25	09 13	union sl nwr kossuth		dh
geg/	16	09 15	hm	hz	
geg/	18	09 15	hm	sd	
geg/	09	09 15	so fremont	bpa/tb	
geg/	83	09 16	co r	mn	max
geg/	58	09 17	co r	tjs	
geg/	6	10 05	kettelson hogback wma dickinson		dh
geg/	3	10 06	forney lk	bpa/tb	
geg/	3	10 06	forneys lk	tb,bpa	
geg/	45	10 07	co r	tk	
geg/	2	10 13	lk rthbn	rc	
geg/	9	10 14	co r	mn	1
geg/	1	10 18	fairfield jefferson dpo		
geg/		11 06		L DATE 2	
geg/	1	11 19	r hts johnson co	jf	1
geg/		11 26		L DATE 1	

----- input.f84

SNOWY EGRET					
seg/	5	08 12	s fremont	blp*	
seg/	8	08 12	vic neb cy br	bw*	
seg/	7	08 18	fremont co	tb,rs	
seg/		08 22		L DATE 2	
seg/		08 22		L DATE 3	
seg/	1	08 26	fremont co	emu*	
seg/	10	08 26	nebraska city	sd	
seg/	2	09 03	s fremont	blp*	
seg/		09 13		L DATE 1	

----- input.f84

LITTLE BLUE HERON					
lbh/		06 30		E DATE 1	
lbh/		07 07		E DATE 2	
lbh/		07 13		E DATE 3	
lbh/	125	08 04	folsom lk	blp	
lbh/	125	08 04	folsom lk	tb,rs,bpa	

lbh/	2	08 04	folsom lk fremont	jf	
lbh/	4	08 05	folsom lk	cb	mills co
lbh/	5	08 05	fremont co	tk	
lbh/	5	08 12	vic neb cy br	bw	
lbh/	1	08 18	folsom lk	tb,rs	
lbh/	15	08 18	fremont co	tb,rs	
lbh/	2	08 26	nebraska city	sdjdem	
lbh/		09 12		L DATE 3	
lbh/	8	09 12	waubonsie acc fremont		mp
lbh/	1	09 15	so fremont	blp	imm
lbh/		09 23		L DATE 2	
lbh/		10 11		L DATE 1	

----- input.f84

ceg/ CATTLE EGRET					
ceg/	350	08 04	folsom lk	blp	
ceg/	350	08 04	folsom lk	tb,rs,bp	
ceg/	-	08 04	fremont co	jf	numerous;&8/5
ceg/	150	08 05	fremont/mills co	tk	col folsom lk
ceg/	154	08 12	vic neb cy br	bw	
ceg/	1	08 15	sv	sdjdem	
ceg/	150	08 18	folsom lk all imm!	tb,rs	
ceg/	30	08 18	fremont co	tb,rs	
ceg/	300	08 26	fremont co	emu	
ceg/	300	08 26	n nebraska city	sdjdem	
ceg/	150	09 15	folsom lk	blp	
ceg/	4	09 16	folsom lk	blp 3ali; 1?	
ceg/	2	09 16	folsom lk	bw	1ali
ceg/	8	09 16	mills co	tb,bjr	
ceg/	1	10 15	6 m w cy spirit lk	dh	dickinson
ceg/	3	10 21	co r	mn	
ceg/		11 20		L DATE 2	
ceg/		11 26		L DATE 1	

----- input.f84

grh/ GREEN-BACKED HERON					
grh/		10 14		L DATE 3	
grh/		10 21		L DATE 2	
grh/		11 26		L DATE 1	

----- input.f84

bnh/ BLACK-CROWNED NIGHT HERON					
bnh/	10	08 19	co r	cb	
bnh/	2	09 18	mn	sd	
bnh/		10 25		L DATE 2	
bnh/	1	11 04	r hts johnson	jf	imm;&11/5
bnh/		11 ??		L DATE 1	

----- input.f84

ynh/ YELLOW-CROWNED NIGHT HERON					
ynh/	1	08 05	folsom lk mills	cb	
ynh/	1	08 05	folsom wa mills co	tk	
ynh/	2	08 11	rush lk osceola	flm	2ad
ynh/	1	08 18	folsom lk mills	tb,rs	
ynh/	16	08 18	fremont co	tb,rs 14i,2a	

ynh/	9	08 26	s nebraska city	sdjdem	
ynh/	1	08 26	w fremont	emu*	
ynh/	1	09 15	forneys lk	blp	imm
ynh/		09 22		L DATE 3	
ynh/		10 04		L DATE 2	
ynh/		10 14		L DATE 1	

----- input.f84

wfi/			WHITE-FACED IBIS	
wfi/	1	09 29	IBIS SP NASHUA	*bp*mp
wfi/	1	09 29	nashua IBIS SP	sd*

----- input.f84

tns/			TUNDRA SWAN	
tns/		09 03		E DATE 1
tns/		10 04		E DATE 2
tns/		10 16		E DATE 3
tns/	15	10 30	blue wing m palo al	harvey baker fide rh
tns/	9	10 30	saylorville	sd
tns/	1	10 31	co r	tk unusual
tns/	2	11 02	pool 19 keokuk	bc
tns/	800+	11 03	n lk/d 9 harpers fy	flm/bm
tns/	150	11 04	n harpers fy	bp pt Of 800
tns/	1	11 06	reported shot; rpt by	donald winkler f/rh
tns/	1	11 08	big spirit lk	dh dickinson; -11/14
tns/	1	11 11	dale moffitt res	e&ea sw of des moin
tns/	107	11 17	lk/dam 9 allamakee	tjs
tns/	108	11 17	lk/dam 9 allamakee	tk
tns/	107	11 17	n lk/d 9 harpers fy	flm et al
tns/	5	11 24	sv	sd
tns/		12 06		L DATE 3
tns/		12 17		L DATE 2
tns/		12 21		L DATE 1

----- input.f84

mts/			MUTE SWAN	
mts/		09 11		E DATE 1
mts/		10 07		E DATE 2
mts/	1	10 23	runnels; pr 1 yr	jsc
mts/		11		E DATE 3

----- input.f84

wfg/			GREATER WHITE-FRONTED GOOSE	
wfg/		08 24		E DATE 1
wfg/		09 21		E DATE 2
wfg/		09 26		E DATE 3
wfg/	5	10 11	hm	sd
wfg/	80	10 13	w of larchwood lyon	dh
wfg/	23	10 20	lk odessa	gw/lh
wfg/		11 13		L DATE 2
wfg/		11 17		L DATE 1

----- input.f84

sng/			SNOW GOOSE	
sng/		08 28		E DATE 1

sng/		09 21		E DATE 2
sng/		09 23		E DATE 3
sng/	5	09 23	co r	mn blues;e
sng/	1k	10 06	forneys lk	tb,bpa
sng/	-	11 25	council bluffs;11/26	cfs hugenosnonesince
sng/		12 22		L DATE 2
sng/		12 23		L DATE 1

----- input.f84

rsg/			ROSS'S GOOSE	
rsg/	10	-- --	desoto bend nwr	ek fide js
rsg/		10 31		E DATE 1
rsg/		11 25		L DATE 3

----- input.f84

brg/			BRANT
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----- input.f84

cag/			CANADA GOOSE	
cag/	12	09 23	co r	mn e
cag/	60	10 06	forneys lk	blp/tb
cag/	100	10 06	forneys lk	tb,bpa
cag/	6k	11 03	kettelson hogback wma dicinson dh rcrd hi	

----- input.f84

wdd/			WOOD DUCK	
wdd/	386	10 06	saylorville dam	be bvr pnds
wdd/	3	11 20	sv	sd
wdd/	1	11 23	anderson lk	sd
wdd/	-	11 29	lk ahquabi	jsc

----- input.f84

gwd/			GREEN-WINGED TEAL	
gwd/	8	09 05	cr is	pp e
gwd/	260	10 27	lk rthbn	rc lg no
gwd/	25	11 20	sv	sd
gwd/	2	11 25	sv	sd

----- input.f84

bkd/			AMERICAN BLACK DUCK	
bkd/	1	11 17	do soto nwr	bw
bkd/	9	11 xx	sv	sd max

----- input.f84

mld/			MALLARD	
mld/	300	10 07	co r	mn
mld/	500	10 21	co r	mn
mld/	3k	11 25	co r	mn

----- input.f84

npd/			NORTHERN PINTAIL	
npd/	3	09 23	co r	mn e

----- input.f84

bwd/			BLUE-WINGED TEAL
------	--	--	------------------

bwd/	1	11 10	bid wall lk	sd	1; sp=?
-----			input.f84		
cnd/			CINNAMON TEAL		
-----			input.f84		
shd/			NORTHERN SHOVELLER		
shd/	4	08 05	co r	cb	
-----			input.f84		
gdd/			GADWALL		
gdd/	20	10 21	co r	mn	
-----			input.f84		
awd/			AMERICAN WIGEON		
awd/	75	10 21	co r	mn	
-----			input.f84		
cvd/			CANVASBACK		
cvd/	2k	10 31	miss r lee co	cb	keokuk pool
cvd/	k	11 24	harpers fy	e&ea	several k
-----			input.f84		
rhd/			REDHEAD		
-----			input.f84		
rnd/			RING-NECKED DUCK		
-----			input.f84		
gsd/			GREATER SCAUP		
gsd/	7	11 10	miss r montrose	flm*	lee co
-----			input.f84		
lsd/			LESSER SCAUP		
lsd/	1.5k	10 30	sv	sd	&11 01
lsd/	5k	10 31	miss r lee co	cb	
-----			input.f84		
osd/			OLDSQUAW		
osd/		10 14		E DATE 1	
osd/		10 27		E DATE 2	
osd/		11 05		E DATE 3	
osd/	2	11 11	co r	jf	
osd/	4	11 11	co r	tk	2 pairs
osd/	2	11 11	co r jolley roger	tjs	
osd/	2	11 11	jo r co r	rjh/tk/cb/ts	
osd/	2	11 11	jolly rog co r	flm	
osd/	1	11 17	alamakee co	bcetal	
osd/	1	11 17	lk/dam 9 allamakee	tjs	
osd/	1	11 17	lk/dm 9 harpers fy	flm/bm/et al	
osd/	1	11 17	lk/dm9 allamakee co	tk	
osd/	2	11 18	co r	cb	jolly roger
-----			input.f84		
bsd/			BLACK SCOTER		

bsd/	6	10 26	1 m n leclaire	pp	details
bsd/	1	10 26	leclaire scott co	cb*	
bsd/	1	10 27	n leclaire	flm*/bm*	
bsd/	6	10 28	le clair	jf	2 shot
bsd/	1	10 29	miss r - leclaire	gw*	female

----- input.f84

ssd/		SURF SCOTOR			
ssd/		10 05		E DATE 1	
ssd/		10 17		E DATE 2	
ssd/		10 20		E DATE 3	
ssd/	5	10 27	sv all i/f	mdx*	
ssd/		11 16		L DATE 3	
ssd/		11 18		L DATE 2	
ssd/		11 22		L DATE 1	

----- input.f84

wsd/		WHITE-WINGED SCOTOR			
wsd/	2	10 04	big spirit lk dick	cfs*wsd or ssd f/i	
wsd/		10 10		E DATE 1	
wsd/		10 16		E DATE 2	
wsd/		10 19		E DATE 3	
wsd/	1	10 31	keokuk lee co	cb	
wsd/	1	11 01	dog cr s sutherland	mb*	to 11/19
wsd/	1	11 07	big cr sp	bp*mp*	
wsd/	1	11 10	dog cr pk obrien	db	mob/2 wks

----- input.f84

cgd/		COMMON GOLDENEYE			
cgd/	3	11 01	sv	sd	
cgd/	1	11 04	appanoose co	rc	e
cgd/	125	11 25	sv	sd	

----- input.f84

bfd/		BUFFLEHEAD			
------	--	------------	--	--	--

----- input.f84

hmd/		HOODED MERGANSER			
hmd/	13	-- --	sv	sd	max 11/8-25
hmd/	7	11 02	lk mcbride	jf	
hmd/	20	11 22	co r	tk	

----- input.f84

cmd/		COMMON MERGANSER			
cmd/	4	10 30	sv	sd	
cmd/	400	11 25	sv	sd	

----- input.f84

rmd/		RED-BREASTED MERGANSER			
rmd/	1	09 23	co r	mn	e
rmd/	12	11 04	lkrathbn	rc	e
rmd/	100	11 11	co r	tk	
rmd/	125	11 11	sv	sd	
rmd/	24	11 17	lk rathbn	rc	e

----- input.f84

rdd/				RUDDY DUCK		
rdd/	500	10 21		co r	cb	jolly roger
rdd/	6	10 24		lk ahquabi	jsc	
----- input.f84						

tvh/				TURKEY VULTURE		
tvh/	12	09 15		mills co	bpa/tb	
tvh/	2	09 29		co r	mn	
tvh/	25	09 30		runnels ra; 10/01	jsc	
tvh/	1	10 06		forney lk	bpa/tb	
tvh/		10 20			L DATE 3	
tvh/	6	10 20		argyle lee	bc	L3; in 1 tree
tvh/		10 23			L DATE 2	
tvh/		10 24			L DATE 1	
----- input.f84						

osh/				OSPREY		
osh/		08 17			E DATE 1	
osh/		08 18			E DATE 2	
osh/	2	09 08		7 m s muscatine	pp	
osh/	1	09 12		keokuk dam	bc	&9/16
osh/	1	09 15		hm	hz	
osh/	2	09 19		hm	pm	
osh/	1	09 19		mo r nr lk manawa	bw	
osh/	5	09 20		sv	emu	
osh/	4	09 20		sv	sd	
osh/	12	09 22		luther boone co	sd	
osh/	1	09 22		ne mills co; 9/23,24	bw	
osh/	1	09 22		oak gr sp sioux	jvd	
osh/	3	09 23		clinton	pp	all m downstr
osh/	2	09 25		oakville	pp	
osh/	1	10 03		hm	pm	
osh/	1	10 07		walton lk frfld jeff	dpo	
osh/	1	10 18		hm	sd	
osh/		11 07			L DATE 3	
osh/		11 11			L DATE 2	
osh/	6	11 19		dog cr s sutherland	mb	ttl; last 11/19
osh/		11 21			L DATE 1	
----- input.f84						

beh/				BALD EAGLE		
beh/		08 04			E DATE 1	
beh/		08 08			E DATE 2	
beh/	2	09 --		lamoni 3w/4n	bl fide jdg	
beh/	3	10 07		co r	mn	lali
beh/	2	10 14		co r	mn	lali
beh/	1	10 15		nw marshall co	mp	
beh/	1	10 29		manawa	bpa/tb	imm
beh/	30	11 03		allamakee co	rkm	
beh/	2	11 10		r hts johnson	jf	both imm
beh/	6	11 10		sv	sd	
beh/	52	11 11		princeton/sabula	pp	38i/14a
beh/	1	11 12		pine lk hardin	mp	
beh/	1	11 14		co bluffs	bpa/tb	imm

beh/	1	11 14	council bluffs	tb,bpa	imm
beh/	1	11 15	red rock	jsc	ad
beh/	7	11 15	runnels	jsc	2a5i
beh/	4	11 18	pine lk hardin	bp	
beh/	1	11 18	union	bp	
beh/	1	11 19	s hardin co	bp	
beh/	2	11 24	oak gr sp	jvd	1ali
beh/	1	11 25	co r	mn	a

----- input.f84

nhh/			NORTHERN HARRIER		
nhh/	-	-- --	especially plentiful		dh
nhh/	3	08 11	spring run wa dickinson	rs fide	jd
nhh/	1	09 01	hm	pm	1st
nhh/	2	09 22	lamoni	jdg	
nhh/	1	09 29	co r	mn	m
nhh/	1	10 06	forney lk	bpa/tb	
nhh/	2	10 06	forneys lk	tb,bpa	
nhh/	10	10 19	big wall lk	sd	
nhh/	12	10 20	big wall lk	sd	
nhh/	1	10 29	manawa	bpa/tb	

----- input.f84

ssh/			SHARP-SHINNED HAWK		
ssh/	1	09 11	ames	sd	
ssh/	1	09 14	pioneer ridge	rc	wapello co
ssh/	8	09 16	mills co -10/27	bw a lot of	shsh
ssh/	43	09 22	grammer gr wa	bp	
ssh/	23	09 22	luther boone co	sd	
ssh/	10	09 22	oak gr sp sioux	jvd	
ssh/	1	09 22	rush lk wma osceola		dh
ssh/	36	09 23	luther boone co	sd	
ssh/	3	09 29	co r	mn	1a,1i
ssh/	1	09 29	pioneer ridge	rc	wapello co
ssh/	1	10 05	fiarfield jeffrsn	dpo	
ssh/	2	10 07	co r	mn	2a
ssh/	4	10 14	co r	mn	2a.1i,1?
ssh/	1	10 14	larchwood lyson	dh	
ssh/	11	10 17	nw marshall co		
ssh/	2	10/29	manawa	bpa/tb	

----- input.f84

coh/			COOPER'S HAWK		
coh/	6	09 22	luther boone	sd	
coh/	2	09 22	oak gr sp sioux	jvd	no details
coh/	11	09 23	luther boon	sd	
coh/	5	10 16	hm	sd	
coh/	5	10 20	big wall lk	sd	

----- input.f84

nggh/			NORTHERN GOSHAWK		
nggh/		09 06		E DATE 1	
nggh/		09 09		E DATE 2	
nggh/		09 16		E DATE 3	
nggh/	1	10 03	waterloo	flm*	imm

ngh/	1	11 04	dam overlook cor	tjs	imm;details
ngh/	1	11 10	sweet m	rkm	imm/details
ngh/	1	11 25	red rock	jsc*	imm

----- input.f84

rsh/ RED-SHOULDERED HAWK

rsh/	1	09 08	salisbury br ra muscatine	mp	iou mtg
rsh/	1	09 09	e muscatine co	tk	
rsh/	1	11 20	bog c sp	sd	

----- input.f84

bwh/ BROAD-WINGED HAWK

bwh/	.2	08 23	sioux city	jh	v. e date
bwh/	2	08 23	stone pk sioux cy	jh	
bwh/		08 27		E DATE 1	
bwh/		09 07		E DATE 2	
bwh/		09 11		E DATE 3	
bwh/	764	09 16	ic; hhp	mn	
bwh/	400	09 16	oxford iowa co	ef	
bwh/	65	09 21	ames	pm	
bwh/	80	09 21	hhp ic johnson	rjh	-100?
bwh/	100s	09 21	iowa r marshalltn	bs	fide bp sp?
bwh/	31	09 22	grammer gr wa	bp	
bwh/	125	09 22	luther boone	sd	
bwh/	36	09 23	grammer gr wa marshall		mp
bwh/	115	09 23	luther boone	sd	
bwh/	1	11 28	sioux ctr	jvd	

----- input.f84

swh/ SWAINSON'S HAWK

swh/	-	-- --	especially plentiful		dh
swh/	1	08 20	ipl ponds	bw	ad
swh/	1	09 03	fremont co	blp	
swh/	9	09 16	e bellvue br mills	blp	
swh/	1	10 07	colo ponds story	hz	
swh/		10 26		L DATE 3	
swh/		11 10		L DATE 2	
swh/		11 11		L DATE 1	

----- input.f84

rth/ RED-TAILED HAWK

rth/	1	11 10		flm dk ph	
rth/	1	11 23		flm 1 dk 1 part-alb	

----- input.f84

frh/ FERRUGINOUS HAWK

frh/	1	09 22	liscomb marshall	bp*mp*	
frh/	1	10 25	2 mi e laurens	jc*	-10/26
frh/	1	10 25	pocahontas co	rh	

----- input.f84

rlh/ ROUGH-LEGGED HAWK

rlh/		09 01		E DATE 1	
rlh/		09 12		E DATE 2	
rlh/		09 29		E DATE 3	

rlh/	1	10 13	lk rathbn	rc	e
rlh/	1	10 29	big wall lk	sd	
rlh/	2	11 04	big cr sp	sd	
rlh/	1	11 18	nw marshall co	bp	
rlh/	1	11 21	big cr sp	bp	
rlh/	1	11 22	big cr sp polk	mdx	
rlh/	2	11 25	warren co	jsc	

----- input.f84

geh/			GOLDEN EAGLE		
geh/		09 15		E DATE 1	
geh/		09 30		E DATE 2	
geh/		10 05		E DATE 3	
geh/	3	11 17	New albin 1a2i	flm bm tk ts bc	
geh/	3	11 17	allamakee co	bcetal	
geh/	1	11 17	allamakee co	jf i, playing w stick	
geh/	2	11 17	hwy A26 allamakee	tjs	
geh/	3	11 17	n allamakee co	tk	1a/2i
geh/	1	11 23	ne mills co	bw*	sub-ad

----- input.f84

akh/			AMERICAN KESTREL		
------	--	--	------------------	--	--

----- input.f84

mlh/			MERLIN		
mlh/		08 21		E DATE 1	
mlh/		09 02		E DATE 2	
mlh/	1	09 02	larson marsh	pm*	story co
mlh/	1	09 04	ames	emu*	imm
mlh/	1	09 08	louisia co	tk*	early
mlh/		09 09		E DATE 3	
mlh/	1	09 20	jester pk	emu/sd	
mlh/	1	09 20	sv	sd*	
mlh/	1	09 22	grammer gr wa	bp*mp*	
mlh/	1	09 23	2 m n sabula	pp*	imm
mlh/	1	09 23	co r	mn*	j/female
mlh/	1	09 23	luther boone	sd*	
mlh/	1	09 30	runnels ga	jsc	no details
mlh/	1	10 05	hendrickson m	jf	story co
mlh/	1	10 12	r hts johnson	jf	
mlh/		10 21		L DATE 3	
mlh/		10 23		L DATE 2	
mlh/		10 28		L DATE 1	
mlh/	1	11 16	volga r wa fayette	tk	late

----- input.f84

pfh/			PEREGRINE FALCON		
pfh/		08 03		E DATE 1	
pfh/		09 01		E DATE 2	
pfh/		09 03		E DATE 3	
pfh/	1	09 10	waterloo	rkm* ad	
pfh/	1	09 15	mcfarland pk story	sd*	
pfh/	1	09 18	Union slough nwr	bt	imm,banded
pfh/	1	09 23	co r	mn*	ad
pfh/	1	09 23	luther boone	sd*	

pfh/	1	09 25	oakville	pp*	ad
pfh/	1	09 28	co r	jf	age?
pfh/	1	09 29	co r	mn*	ad, dif bd
pfh/	1	09 30	runnels	jsc*	ad
pfh/	1	10 05	hendriclson m story	jf	
pfh/	1	10 10	bck lk co r	rjh*	imm
pfh/		10 20		L DATE 3	
pfh/		11 07		L DATE 2	
pfh/		11 14		L DATE 1	

----- input.f84

prh/			PRAIRIE FALCON		
prh/		08 23		E DATE 1	
prh/		08 31		E DATE 2	
prh/		09 20		E DATE 3	
prh/	1	10 27	ia falls/fide rh		see note
prh/	1	10 29	manawa	bpa/sk	no details
prh/	1	11 14	1 m ne goose lk greene	emm fide jd	
prh/	1	11 16	2 1/2 m ne lehigh webster	emm fide jd	
prh/	1	11 24	2 1/2 m ne moorland webster	emm fide jd	

----- input.f84

rfg/			RUFFED GROUSE		
rfg/	1	11 17	lk/dam 09 allamakee	tjs	

----- input.f84

cbw/			COMMON BOBWHITE		
cbw/	-	-- --		jvd	virt. abs
cbw/	-	-- --	pops down 57%	tl fide bw	

----- input.f84

rnp/			RING-NECKED PHEASANT		
rnp/	-	-- --	pops dwn 25%	tl fide bw	

----- input.f84

grp/			GREY PARTRIDGE		
grp/	20	11 05	union	ph fied bp	
grp/	24	11 19	w Grundy co	ph fide bp	
grp/	1	11 22	dor ne story	bp	
grp/	12	11 ee	ne marshall co	? fide bp spr s?	

----- input.f84

wlt/			WILD TURKEY		
wlt/	89	11 04	6 m w rock valley sioux	dh rel SD see nt	
wlt/	17	11 17	allamakee co	jf	

----- input.f84

yr1/			YELLOW RAIL		
yr1/		08 31		E DATE 1	
yr1/		09 20		E DATE 2	
yr1/		09 21		E DATE 3	
yr1/		09 30		L DATE 2	
yr1/		10 01		L DATE 1	

----- input.f84

brl/ BLACK RAIL

----- input.f84

kr1/ KING RAIL

kr1/ 1 07 25 jemmerson sl dickinson lw fide jd; -8/9
 kr1/ 09 14 L DATE 3
 kr1/ 3 09 15 folsom lk blp*/wrs 1a2i !
 kr1/ 1 09 16 folsom lk mills tb
 kr1/ 10 04 L DATE 2
 kr1/ 10 14 L DATE 1

----- input.f84

vr1/ VIRGINIA RAIL

vr1/ 1 09 25 big wall lk sd
 vr1/ 10 03 L DATE 2
 vr1/ 10 05 L DATE 1
 vr1/ 1 11 04 big wall lk sd fl/shot
 vr1/ 1 11 26 buena vista co v&ec injured/see note

----- input.f84

sr1/ SORA RAIL

sr1/ 9 09 03 hm sd
 sr1/ 5 09 25 big wall lk sd
 sr1/ 1 09 29 co r mn
 sr1/ 10 14 L DATE 3
 sr1/ 10 19 L DATE 2
 sr1/ 1 10 19 big wall lk sd
 sr1/ 11 04 L DATE 1

----- input.f84

cmm/ COMMON MOORHEN

cmm/ 10 15 L DATE 3
 cmm/ 10 17 L DATE 2
 cmm/ 10 23 L DATE 1

----- input.f84

amc/ AMERICAN COOT

amc/ 100 10 07 co r mn
 amc/ 1.5k 10 20 big wall lk sd
 amc/ 5k 10 31 miss r lee co cb keokuk pool
 amc/ 1.5k 11 01 sv sd
 amc/ 17k 11 27 commercial st keokukbc huge roost

----- input.f84

shc/ SANDHILL CRANE

shc/ 09 15 E DATE 1
 shc/ 09 25 E DATE 2
 shc/ 10 03 E DATE 3
 shc/ 1 10 20 ne mills co; -1-/24 bw* seen 3x
 shc/ 11 06 L DATE 3
 shc/ 11 13 L DATE 2
 shc/ 11 22 L DATE 1

----- input.f84

bpl/ BLACK-BELLIED PLOVER

bpl/		08 01		E DATE 1	
bpl/	1	08 06	amana lk iowa co	cb	e
bpl/		08 10		E DATE 2	
bpl/		08 14		E DATE 3	
bpl/	1	08 18	fremont co	tb,rs	
bpl/	1	08 24	co r	cb	
bpl/	3	08 26	co r	mn	f
bpl/	4	08 26	fremont	emu	
bpl/	1	08 26	s nebr city	sd	
bpl/	24	08 27	co r	jf	
bpl/	3	09 09	co r	bp	
bpl/	14	09 18	cor	ct	
bpl/	9	09 23	co r	ct	
bpl/	4	09 27	co r	cb	babcock lk
bpl/	2	10 09	hm	sd	
bpl/	14	10 21	co r	mn	pk
bpl/		11 03		L DATE 3	
bpl/	6	11 10	lk rathbn	rc	l
bpl/		11 13		L DATE 2	
bpl/		11 19		L DATE 1	

----- input.f84

gpl/			LESSER GOLDEN-PLOVER		
gpl/	65	-- --	hm	sd	max 10/4-11
gpl/		07 19		E DATE 1	
gpl/		07 26		E DATE 2	
gpl/	4	08 18	fremont co	tb,rs	
gpl/	1	08 26	co r	mn	f
gpl/	1	09 03	cr is	pp	
gpl/	2	09 05	cr island	pp	
gpl/	200	09 09	co r	bp	
gpl/	75	09 09	co r	hz	
gpl/	225	09 09	co r	sd	
gpl/	320	09 16	co r	mn	pk;hi no
gpl/	25	09 20	runnles	jsc	
gpl/	102	09 23	co r	mn	l
gpl/	-	09 28	co r	jf	numerous
gpl/	75	10 03	hm	pm	peak
gpl/	35	10 10	hm	pm	1st
gpl/	3	10 24	sv	sd	
gpl/		11 07		L DATE 3	
gpl/		11 14		L DATE 2	
gpl/		11 22		L DATE 1	

----- input.f84

spl/			SEMIPALMATED PLOVER		
spl/		08 12		E DATE 1	
spl/		08 18		E DATE 2	
spl/	7	08 26	co r	mn	pk
spl/		08 27		E DATE 3	
spl/	9	09 01	hm	hz	
spl/	9	09 03	hm	pm	pk
spl/	9	09 04	hm	sd	
spl/	3	09 15	hm	hz	
spl/	1	10 03	hm	pm	last

spl/	1	10 07	co r	mn	1
spl/	3	10 14	sv	sd	
spl/		10 19		L DATE 3	
spl/		10 20		L DATE 2	
spl/		11 06		L DATE 1	

----- input.f84

ppl/			PIPING PLOVER		
ppl/	2	08 04	ipl ponds pottawat	jf	
ppl/	6	08 04	ipl settling ponds	cb	pottawatamie co

----- input.f84

kpl/			KILDEER		
kpl/	83	09 28	co r	mn	pk
kpl/	83	10 07	co r	mn	pk
kpl/	70	10 14	sv	sd	
kpl/	27	11 10	lk rathbn	rc	1

----- input.f84

aav/			AMERICAN AVOCET		
aav/		07 06		E DATE 1	
aav/		07 07		E DATE 2	
aav/		07 17		E DATE 3	
aav/	8	09 15	bader cr lk madison	e&ea	
aav/	3	10 24	colfax jasper co	cb	basic pl
aav/		10 27		L DATE 3	
aav/		11 09		L DATE 2	
aav/		11 10		L DATE 1	

----- input.f84

gys/			GREATER YELLOWLEGS		
gys/		07 07		E DATE 1	
gys/		07 13		E DATE 2	
gys/		07 21		E DATE 3	
gys/	4	08 01	colo	pm	first
gys/	2	08 12	co r	cb	
gys/	1	08 18	ipl ponds	tb,rs	
gys/	3	09 01	cor	mn	f
gys/	72	09 13	union slough kssth	dh	
gys/	4	09 23	co r	ct	
gys/	6	09 30	co r	ct	
gys/	2	10 06	ipl ponds	tb,bpa	
gys/	11	10 21	co r	cb	
gys/	16	10 21	co r	mn	pk
gys/	12	10 24	sv	sd	
gys/	2	10 28	waterloo	rkm	1
gys/	1	11 03	co r	mn	1
gys/	2	11 03	warren co	jsc	
gys/	3	11 04	big marsh butler	bp	
gys/	1	11 04	hiclory gr lk	pm	last
gys/	2	11 04	lk rathbn	rc	1
gys/	2	11 08	sv	sd	
gys/		11 09		L DATE 3	
gys/	2	11 11	big cr sp polk	emu	
gys/	1	11 11	co r	tk	late

gys/		11 12		L DATE 2
gys/	2	11 14	big cr sp	bp
gys/	1	11 14	lk manawa	tb,bpa
gys/		11 16		L DATE 1
gys/	2	11 17	river ton wa	sd
gys/	1	11 25	big cr n end	sd

----- input.f84

lys/		LESSER YELLOWLEGS		
lys/		06 25		E DATE 1
lys/		06 26		E DATE 2
lys/		08 01		E DATE 3
lys/	100	08 01	colo	pm pk
lys/	60	08 18	fremont co	tb,bpa
lys/	1	08 26	co r	mn f
lys/	59	09 29	co r	mn pk
lys/	5	09 29	hm	pm last
lys/	1	10 06	ipl ponds	tb,bpa
lys/	30	10 21	co r	cb
lys/		10 24		L DATE 3
lys/	1	10 24	sv	sd
lys/		10 31		L DATE 2
lys/	3	11 01	5 m se larrabee	mb
lys/	1	11 03	co r	mn 1
lys/	4	11 04	lk rathbn	rc 1
lys/	4	11 08	big cr sp polk	hz
lys/	2	11 11	co r	cb 1
lys/	2	11 11	co r	rjh
lys/	1	11 11	co r	tk 1
lys/		11 12		L DATE 1

----- input.f84

sls/		SOLITARY SANDPIPER		
sls/		06 23		E DATE 1
sls/		06 26		E DATE 2
sls/		06 29		E DATE 3
sls/	3	09 27	davis co	rc
sls/	1	10 02	ames	sd
sls/		10 03		L DATE 3
sls/	1	10 06	lk rathbn	rc 1
sls/	2	10 07	co r	mn 1
sls/		10 08		L DATE 2
sls/		10 11		L DATE 1

----- input.f84

wls/		WILLET		
wls/		06 25		E DATE 1
wls/		06 28		E DATE 2
wls/		07 01		E DATE 3
wls/	1	08 05	co r	tk
wls/	1	08 05	oakland pottawat/co	cb
wls/	3	08 18	fremont co	tb,rs
wls/		08 20		L DATE 3
wls/	1	08 26	ipl ponds	sd
wls/	2	08 26	ipl ponds fremont	emu

wls/	1	08 26	s neb cy	sd
wls/		08 31		L DATE 2
wls/		10 19		L DATE 1
wls/	1	10 20	co r	ct*

----- input.f84

sps/			SPOTTED SANDPIPER	
sps/	1	09 23	hm	pm last
sps/		09 30		L DATE 3
sps/	1	10 06	s ames	emu
sps/	1	10 09	hm	sd
sps/		10 23		L DATE 2
sps/		11 16		L DATE 1

----- input.f84

ups/			UPLAND SANDPIPER	
ups/	1	08 03	wayne co	jf
ups/	6	08 10	4/12 m s george lyon pr+4y	bf fide dh
ups/	7	08 13	bronson woodbury co	jh max -8/20
ups/	1	08 14	4 m n rock rapids lyon	dh
ups/	1	08 16	colo ponds	mp
ups/	4	08 19	colo ponds	mp
ups/	2	08 20	ankeney ponds	sd
ups/	1	09 01	co r	mn rare there
ups/	1	09 09	co r	sd
ups/		09 15		L DATE 3
ups/	1	09 20	ames migr s night	jh
ups/		10 13		L DATE 2
ups/		10 15		L DATE 1

----- input.f84

wbs/		WHIMBREL
------	--	----------

----- input.f84

lcs/		LONG-BILLED CURLEW
------	--	--------------------

----- input.f84

hgs/		HUDSONIAN GODWIT	
hgs/		08 04	E DATE 1
hgs/	1	08 04	riverton wa fremont jf
hgs/		08 10	E DATE 2
hgs/		09 19	E DATE 3
hgs/		10 05	L DATE 3
hgs/		10 18	L DATE 2
hgs/		10 23	L DATE 1

----- input.f84

mgs/		MARBLED GODWIT	
mgs/		08 02	E DATE 1
mgs/		08 10	E DATE 2
mgs/		08 15	E DATE 3
mgs/		09 03	L DATE 3
mgs/		09 16	L DATE 2
mgs/		09 23	L DATE 1
mgs/	1	10 01	runnels jsc no details

----- input.f84

		RUDDY TURNSTONE		
rts/				E DATE 1
rts/		08 02		
rts/	1	08 05	oakland pottawat/co cb	e
rts/	1	08 05	oakland pottawatamietk	early
rts/	1	08 20	co r	jf
rts/	1	08 25	co r	flm
rts/	1	08 27	cone m louisa	gw/lh
rts/		08 ??		E DATE 2
rts/		09 05		E DATE 3
rts/	1	09 11	co r	cb babck lk
rts/	1	09 13	lk rathbn	rc
rts/		09 14		L DATE 3
rts/		09 21		L DATE 2
rts/		09 29		L DATE 1

----- input.f84

		RED KNOT		
rks/				
rks/	1	09 01	pl valley	pp* see note
rks/	1	09 15	hm	hz*
rks/	1	09 15	hm	mp*
rks/	1	09 15	hm	pm*
rks/	1	09 15	hm	sd*jd*
rks/	1	09 16	co r	mn* & 9/23
rks/	1	09 17	co r	cb* sand pt;j
rks/	1	09 17	co r	tjs
rks/	1	09 17	co r	tk* !
rks/	1	09 17	sand pt co r	rjh
rks/	1	09 27	co r	cb* babck lk; j

----- input.f84

		SANDERLING		
sns/				
sns/		07 26		E DATE 1
sns/		08 10		E DATE 3
sns/	8	08 11	union sl nwr kossth	flm
sns/	15	08 19	co r	tk
sns/	1	08 21	sioux ctr	jvd
sns/	2	09 01	hm	pm
sns/	2	09 02	hm	hz
sns/	2	09 03	cr is	pp
sns/	2	09 03	hm	sd
sns/	3	09 03	hm story	bp &9/4
sns/	2	09 04	l m s cherokee	mb
sns/	2	09 04	cherokee sewg lagn	db
sns/	22	09 05	cr is	pp lg no
sns/	5	09 09	credit is	mn j
sns/	1	09 15	hm	sd
sns/	1	09 16	co r	mn f
sns/	12	09 17	co r	jf
sns/	12	09 17	co r	tjs
sns/	8	09 23	co r	mn
sns/		10 02		E DATE 2
sns/	7	10 14	sv	sd
sns/		10 20		L DATE 3

sns/		10 29		L DATE 2	
sns/	1	11 04	lk rathbn	rc	1
sns/	2	11 07	hickory gr lk	pm	
sns/		11 10		L DATE 1	

----- input.f84

sms/ SEMIPALMATED SANDPIPER

sms/		07 11		E DATE 1	
sms/		07 12		E DATE 2	
sms/		07 14		E DATE 3	
sms/	120	08 01	colo	pm	pk
sms/	2	08 18	fremont	tb,rs	
sms/	65	09 01	co r	mn	pk
sms/	1	09 23	co r	mn	1
sms/	1	10 14	sv	sd	
sms/		10 23		L DATE 2	
sms/	3	11 03	hickory gr lk	pm	last
sms/		11 21		L DATE 1	

----- input.f84

wss/ WESTERN SANDPIPER

wss/		07 23		E DATE 1	
wss/		07 25		E DATE 2	
wss/	3	08 10	sioux ctr	jvd	-9/10
wss/	1	08 19	co r	cb	details
wss/	2	08 24	co r	cb	details
wss/	1	08 25	cr is	cbl/b fide	pp;details
wss/	3	08 26	co r	mn	j
wss/	1	08 27	cone m louisa	gw/lh	details
wss/	1	09 01	co r	mn	j
wss/	1	09 03	cr is	pp*	
wss/	3	09 05	cr is	pp*	
wss/	1	09 16	mills co	tb,bjr	
wss/	1	09 17	co r	tk	
wss/		09 20		L DATE 3	
wss/		09 27		L DATE 2	
wss/		10 01		L DATE 1	

----- input.f84

lss/ LEAST SANDPIPER

lss/		06 26		E DATE 1	
lss/		07 04		E DATE 2	
lss/		07 07		E DATE 3	
lss/	20	08 18	fremont co	tb,rs	
lss/	33	09 01	co r	mn	pk
lss/	1	10 10	hm	pm	1
lss/	18	10 14	co r	mn	1
lss/	3	10 15	hm	sd	
lss/		11 07		L DATE 3	
lss/	1	11 08	big ccr sp polk	hz	
lss/		11 10		L DATE 2	
lss/		11 23		L DATE 1	

----- input.f84

wrs/ WHITE-RUMPED SANDPIPER

wrs/	1	08 16	waterloo	flm	no details
wrs/	1	10 13	sv	sd	wht r flushed

----- input.f84

bds/		BAIRD'S SANDPIPER			
bds/		07 17		E DATE 2	
bds/		07 28		E DATE 3	
bds/		08 15		E DATE 1	
bds/	2	08 19	cr is	pp	f
bds/	2	08 21	co r	tk	
bds/	5	08 25	cr is	pp	max
bds/	18	08 26	co r	mn	pk
bds/	1	08 26	riverton wa fremont	emu	
bds/	1	09 01	hm	pm	
bds/	1	09 02	hm	bp	
bds/	1	09 02	hm	hz	
bds/	2	09 03	hm	pm	
bds/	4	09 05	hm	bp	
bds/	4	09 09	colo ponds stroy	bp	
bds/	2	09 09	credit is	mn	2j
bds/	1	09 11	cr is	pp	1
bds/	2	09 18	hm	sd	
bds/	5	09 23	co r	mn	1
bds/	5	09 29	nashua	sd	
bds/		10 20		L DATE 3	
bds/		10 21		L DATE 2	
bds/		11 21		L DATE 1	

----- input.f84

pcs/		PECTORAL SANDPIPER			
pcs/		07 01		E DATE 1	
pcs/		07 05		E DATE 2	
pcs/		07 08		E DATE 3	
pcs/	265	08 01	hm	pm	pk
pcs/	300	08 12	co r	cb	
pcs/	500	08 18	fremont co	tb.rs	
pcs/	1k	08 26	fremont	emu	
pcs/	230	09 01	co r	mn	pk
pcs/	250	09 15	co r	tk	
pcs/		09 17	co r	jf	numerous
pcs/	300	09 17	fields sand pt cor	tjs	
pcs/	125	09 29	nashua	sd	
pcs/	3	10 16	airport cherokee	mb	
pcs/	1	10 21	co r	mn	1
pcs/	5	10 28	co r	tk	1
pcs/	1	10 28	waterloo	rkm	1
pcs/	4	11 04	lk rathbn	rc	1
pcs/	2	11 07	hickory gr lk	pm	1
pcs/	1	11 07	hickory gr spstroy	sd	1
pcs/	3	11 08	sv	sd	
pcs/		11 16		L DATE 3	
pcs/		11 21		L DATE 2	
pcs/		11 25		L DATE 1	

----- input.f84

DUNLIN			
dns/			E DATE 1
dns/	07 27		E DATE 2
dns/	07 28		
dns/	-- 09 20	runnels	jsc numerous
dns/	2 10 05	hm	sd
dns/	1 10 07	co r	mn f
dns/	10 10 07	co r	tk f
dns/	67 10 28	co r	mn pk/1
dns/	25 10 28	co r	tk pk
dns/	6 11 02	co r	jf 1
dns/	2 11 11	co r	cb babck lk
dns/	2 11 11	co r	rjh
dns/	11 18		L DATE 3
dns/	11 21		L DATE 2
dns/	11 22		L DATE 1
dns/	3 11 22	co r	tk late
dns/	2 11 25	n end big cr sp	sd

----- input.f84

STILT SANDPIPER			
sts/			E DATE 1
sts/	07 03		E DATE 2
sts/	07 10		E DATE 3
sts/	07 11		
sts/	10 08 01	colo	pm pk
sts/	35 08 16	co r	cb
sts/	60 08 18	fremont co	tb,rs
sts/	80 08 19	co r	cb
sts/	80 08 19	co r	tk
sts/	3 09 05	hm	mp
sts/	53 09 12	co r	tjs
sts/	5 09 23	co r	mn 1
sts/	39 09 23	co r	mn pk
sts/	10 05		L DATE 3
sts/	1 10 06	ipl ponds	bpa/tb
sts/	1 10 06	ipl ponds	tb,fr
sts/	10 20		L DATE 2
sts/	10 23		L DATE 1

----- input.f84

BUFF-BREASTED SANDPIPER			
bfs/			E DATE 1
bfs/	07 22		E DATE 2
bfs/	08 02		
bfs/	7 08 05	fremont co	cb
bfs/	7 08 05	fremont co	tk
bfs/	2 08 16	waterloo	flm
bfs/	14 08 17	co r	jf
bfs/	1 08 18	cedar lk nashua	flm chickasaw co
bfs/	4 08 18	fremont co	tb,rs
bfs/	1 08 18	nashua chickasaw	rkm/fm
bfs/	5 08 19	co r	cb
bfs/	5 08 19	co r	tk
bfs/	2 08 25	co r	flm
bfs/	12 08 25	co r sand pt	td fide gw
bfs/	11 08 26	co r	flm
bfs/	4 08 26	co r	mn f

bfs/	18	09 01	co r	mn	pk
bfs/	1	09 01	hm	pm*	also 09-03
bfs/	1	09 03	hm	jh	
bfs/	10	09 05	co r	cb	
bfs/	6	09 11	co r	ct*	10? 9/18?
bfs/	3	09 16	co r	mn	l
bfs/		09 23		L DATE 3	
bfs/		09 28		L DATE 2	
bfs/		10 13		L DATE 1	
bfs/	9	09 17	co r	tjs	

----- input.f84

sds/		SHORT-BILLED DOWITCHER			
sds/		07 12		E DATE 1	
sds/	2	08 12	co r	cb	details
sds/	1	08 13	co r	tk	j
sds/	1	08 18	fremont co	tb,rs	no details
sds/	8	08 19	amana lk iowa co	tk	j
sds/	3	08 20	n end bid cr sp	sd	by call
sds/	1	08 26	co r	mn	j; & 9/01
sds/	12	08 26	co r	tk	j
sds/	6	08 28	cr is	pp	
sds/	2	09 02	cr is	pp	details;f
sds/	6	09 07	cr is	pp	last
sds/	5	09 09	credit is	mn*	j
sds/		09 11		L DATE 2	
sds/	1	09 15	hm	pm	basic
sds/		09 21		L DATE 1	

----- input.f84

lbs/		LONG-BILLED DOWITCHER			
lbs/	1	08 05	oakland pottawatamietk		alt
lbs/	1	09 15	co r	tk	j
lbs/	10	09 23	co r	mn	j
lbs/	4	09 29	nashua	sd	call

----- input.f84

css/		COMMON SNIPE			
css/		07 13		E DATE 1	
css/		07 21		E DATE 2	
css/		08 03		E DATE 3	
css/	6	08 22	cone m louisa	gw	
css/	2	09 01	co r	mn	f
css/	1	09 03	cr is	pp	e
css/	1	10 06	forney lk	bpa/tb	
css/	2	10 06	forneys lk	tb,bpa	
css/	18	10 10	hm	pm	pk
css/	10	10 14	co r	mn	l
css/	28	10 29	hm	sd	

----- input.f84

aws/		AMERICAN WOODCOCK			
aws/	2	09 08	7 m s muscatine	pp	
aws/		11 06		L DATE 3	
aws/		11 11		L DATE 2	

aws/ 11 27
----- input.f84

L DATE 1

wps/ WILSON'S PHALAROPE

wps/ 07 15 E DATE 1
wps/ 07 22 E DATE 2
wps/ 1 08 04 hm pm
wps/ 1 08 16 amana lk iowa co cb
wps/ 1 08 25 cr is cbl/b fide pp
wps/ 3 09 01 hm hz
wps/ 6 09 01 hm pm
wps/ 09 14 L DATE 3
wps/ 09 19 L DATE 2
wps/ 09 24 L DATE 1
----- input.f84

rns/ RED-NECKED PHALAROPE

rns/ 01 07 L DATE 2
rns/ 08 15 E DATE 1
rns/ 08 16 E DATE 2
rns/ 1 08 17 waterloo flm basic pl
rns/ 1 08 24 co r cb
rns/ 1 08 25 co r flm
rns/ 1 08 25 co r gw
rns/ 1 08 25 co r jf
rns/ 1 08 25 cr is pp mlp,11;b pl
rns/ 1 08 25 hm mp
rns/ 1 08 26 co r mn ad
rns/ 1 08 26 co r tk
rns/ 2 09 04 1 m s cherokee mb
rns/ 09 29 L DATE 3
rns/ 1 09 29 hm pm
rns/ 11 ?? L DATE 1
----- input.f84

res/ RED PHALAROPE
----- input.f84

fgl/ FRANKLIN'S GULL

fgl/ 8 09 15 forney lk bpa/tb
fgl/ 1 09 15 hm sd
fgl/ - 09 20 runnels jsc
fgl/ 25 10 06 mills bpa/tb
fgl/ 2 10 06 mills co tb,bpa
fgl/ 1 10 14 co r mn & 10/28
fgl/ 1 10 28 co r tk
fgl/ 1 11 14 lk manawa tb,bpa
fgl/ 11 20 L DATE 3
fgl/ 11 25 L DATE 2
fgl/ 11 27 L DATE 1
----- input.f84

bgl/ BONAPARTE'S GULL

bgl/ 08 12 E DATE 1
bgl/ 08 14 E DATE 2

bgl/	2	10 26	davenport	pp	
bgl/	10	10 26	lk mcbr johnson co	tk	
bgl/	7	10 28	co r	mn	
bgl/	175	10 30	sv	sd	
bgl/	6	10 31	montrose lee co	cb	
bgl/	40	11 02	lk mcbride johnson	jf	est no
bgl/	5	11 10	lk rathbn	rc	1?
bgl/	25	11 11	co r	tk	
bgl/	275	11 11	sv	sd	
bgl/	10	11 18	sv	hz	
bgl/	1	11 25	sv	sd	1
bgl/		12 04		L DATE 3	
bgl/		12 05		L DATE 2	
bgl/		12 16		L DATE 1	

----- input.f84

RING-BILLED GULL					
rgl/	10	09 16	co r	mn	f
rgl/	2	09 23	co r	mn	e
rgl/	20	10 06	forneys lk	tb,bpa	
rgl/	75	10 06	mills co	tb,bpa	
rgl/	1k	10 24	sv	sd	
rgl/	1k	11 04	manawa	bpa/tb	
rgl/	500	11 05	e lk manawa	blp	
rgl/	1k	11 14	lk manawa	tb,bpa	
rgl/	1k	11 25	red rock	jsc	
rgl/	2k	11 26	co r	mn	max

----- input.f84

HERRING GULL					
hgl/		08 12		E DATE 1	
hgl/	1	09 03	davenport	pp	e
hgl/		09 06		E DATE 2	
hgl/		09 13		E DATE 3	
hgl/	1	10 14	co r	mn	j;e
hgl/	1	11 03	manawa	lbp	
hgl/	1	11 14	lk manawa	tb,bpa	
hgl/	100	11 25	co r	mn	

----- input.f84

GLAUCOUS GULL					
ggl/		11 25		E DATE 1	
ggl/	1	11 25	co r	mn*	1- or 2-yr
ggl/		12 03		E DATE 2	
ggl/		12 05		E DATE 3	

----- input.f84

CASPIAN TERN					
cst/	9	09 15	hm	pm	pk
cst/	22	09 15	hm	sd	
cst/	73	09 16	co r	mn	max
cst/	200	09 20	des moines r polk	emu	
cst/	225	09 20	sv	sd	
cst/	4	09 21	mh	bp	
cst/	1	09 23	leclaire	pp	

cst/	77	09 23	lk rathbn	rc	pk
cst/	3	09 26	oakville	pp	
cst/	15	09 28	hm	hz	
cst/	7	09 28	hm	hz	
cst/	1	10 03	hm	pm	1
cst/	15	10 03	sv	sd	
cst/	5	10 07	co r	mn	1
cst/		10 15		L DATE 3	
cst/	1	10 15	keokuk	bc	last of yr
cst/		11 01		L DATE 2	
cst/		11 07		L DATE 1	

----- input.f84

cmt/			COMMON TERN		
cmt/	1	08 02	hm	pm	details
cmt/		08 11		E DATE 1	
cmt/		08 22		E DATE 2	
cmt/		09 08		E DATE 3	
cmt/		09 22		L DATE 3	
cmt/	6	09 25	oakville	pp	details
cmt/		10 05		L DATE 2	
cmt/		10 22		L DATE 1	

----- input.f84

fst/			FORSTER'S TERN		
fst/	9	08 01	hm	pm	
fst/	1	08 18	fremont co	tb,rs	
fst/	1	09 02	cr is	pp	
fst/	3	09 15	forney lk	bpa/tb	
fst/	2	10 04	forney lk	bpa/tb	
fst/	2	10 06	forneys lk	tb,bpa	
fst/		10 12		L DATE 3	
fst/		10 20		L DATE 2	
fst/	15	10 20	sv	sd	
fst/		11 09		L DATE 1	

----- input.f84

lst/			LEAST TERN		
lst/	3	08 01	mo r omaha to sx cy	bw	
lst/	5	08 04	ipl ponds	lbp	
lst/	1	08 04	ipl ponds	cb pottawatamie co	
lst/	1	08 05	ipl pnds pottawatam	tk	ad
lst/	1	08 18	fremont co	tb,rs	
lst/	1	08 26	ponds s neb cy	sd	
lst/	1	08 26	w fremont co	emu	
lst/		09 08		L DATE 2	
lst/		09 13		L DATE 1	

----- input.f84

bkt/			BLACK TERN		
bkt/	6	08 01	colo	pm	
bkt/	50	08 05	oakland pottawatam	tk	
bkt/	20	09 25	big wall lk	sd	
bkt/		10 01		L DATE 3	
bkt/		10 02		L DATE 2	

bkt/ 10 09 L DATE 1
 ----- input.f84

rdo/ ROCK DOVE
 ----- input.f84

mdo/ MOURNING DOVE
 mdo/ - 10 24 ne mills co bw last
 ----- input.f84

bbc/ BLACK-BILLED CUCKOO
 bbc/ 1 08 09 hm bp
 bbc/ 1 10 03 hm bp v scarce
 bbc/ 10 12 L DATE 3
 bbc/ 10 13 L DATE 2
 bbc/ 10 25 L DATE 1
 ----- input.f84

ybc/ YELLOW-BILLED CUCKOO
 ybc/ 1 09 20 ames emu
 ybc/ 1 10 13 croton un shimek sf bc last
 ybc/ 10 22 L DATE 3
 ybc/ 10 26 L DATE 2
 ybc/ 10 28 L DATE 1
 ----- input.f84

cbo/ COMMON BARN-OWL
 cbo/ 1 10 18 ok odessa side rd lh fide gw
 ----- input.f84

eso/ EASTERN SCREECH-OWL
 eso/ 1 10 06 forney lk bpa/tb
 eso/ 1 10 06 forneys lk tb,bpa
 ----- input.f84

gho/ GREAT HORNED OWL
 ----- input.f84

sno/ SNOWY OWL
 sno/ 10 01 E DATE 1
 sno/ 10 07 E DATE 2
 sno/ 10 14 E DATE 3
 sno/ 1 11 17 saylorville e&ea
 sno/ 1 11 28 n marshall co bp see note
 ----- input.f84

buo/ BURROWING OWL
 buo/ 10 05 L DATE 3
 buo/ 10 09 L DATE 2
 buo/ 10 15 L DATE 1
 ----- input.f84

bao/ BARRED OWL
 bao/ 1 09 05 wearin prairie millsbw carcass eaten by
 ----- input.f84

leo/		LONG-EARED OWL		
leo/		08 31		E DATE 1
leo/		09 21		E DATE 2
leo/		10 11		E DATE 3
leo/	2	10 30	4 m s washta	mb
leo/	2	11 21	big cr sp	bp
leo/	2	11 22	big cr sp polk	flm /bm
leo/	3	11 22	big cr sp polk	mdx
leo/	1	11 23	big cr sp polk	hz
leo/	1	11 25	big cr sp	sd
leo/	2	11 29	big cr sp polk	rkm

----- input.f84

seo/		SHORT-EARED OWL		
seo/		09 15		E DATE 1
seo/		09 22		E DATE 2
seo/		10 12		E DATE 3
seo/	1	11 11	big cr sp	sd
seo/	2	11 15	badger cr lk	e&ea madison
seo/	1	11 22	big cr sp polk	flm
seo/	1	11 23	big cr sp polk	hz
seo/	7	11 23	tieg's m story	sd
seo/	5	11 24	tieg's m story	mp
seo/	2	11 25	big cr sp	sd
seo/	1	11 29	big cr sp polk	rkm

----- input.f84

swa/		NORTHERN SAW-WHET OWL		
swa/		10 05		E DATE 1
swa/		10 07		E DATE 3
swa/		10 16		E DATE 2

----- input.f84

cmn/		COMMON NIGHTHAWK		
cmn/	-	09 --		jvd mig v gd
cmn/	73	09 10	coralville johnson	tjs
cmn/	150	09 13	dt iowa cy (200?)	rjh rs up lv thrml
cmn/	-	09 18	mills co	bw last
cmn/	1	09 23	johnson co	rjh l
cmn/	4	10 09	ames	pm l
cmn/		10 14		L DATE 2
cmn/	3	10 14	centerville	rc appanoose co
cmn/		10 15		L DATE 1

----- input.f84

cww/		CHUCK-WILL'S-WIDOW		
cww/		07 21		L DATE 3
cww/		07 30		L DATE 2
cww/		09 ??		L DATE 1

----- input.f84

wpw/		WHIP-POOR-WILL		
wpw/	1	09 09	mills co	bw 1st frm ciled
wpw/		10 06		L DATE 3

wpw/		10 08		L DATE 2
wpw/		10 20		L DATE 1
wpw/	1	11 03	n 1/d 9 harpers fy	fl/bm v close r
wpw/	1	11 03	n 1k/d 9	rkm

----- input.f84

chi/			CHIMNEY SWIFT	
chi/	2.5k	08 28	ames	emu
chi/	4	10 12	ames	jh
chi/		10 13		L DATE 2
chi/		10 15		L DATE 1
chi/	7	10 15	ames	sd
chi/	2	10 16	ames	emu
chi/	10	10 17	centerville	rc 1
chi/	3	10 18	ames	pm 1
chi/	200	10 21	keokuk dt roost	bc max;late
chi/	13	10 27	keokuk dt roost	bc last;ld
chi/	1	11 26	iowa city	mn late/mld w?

----- input.f84

rhb/			RUBY-THROATED HUMMINGBIRD	
rhb/	1	08 01	amana 1k iowa co	cb att fst over w!
rhb/	3	09 03	hm	pm
rhb/	1	09 20	ames	pm 1
rhb/	1	09 29	ames	sd
rhb/	1	10 04	iowa cy	rjh 1
rhb/		10 10		L DATE 3
rhb/	1	10 19	r hts johnson	jf 1
rhb/		11 20		L DATE 2
rhb/		11 27		L DATE 1

----- input.f84

bkf/			BELTED KINGFISHER
------	--	--	-------------------

----- input.f84

rhw/			RED-HEADED WOODPECKER
rhw/	-	-- --	mills co most left bw 2 rmn hide crnkrnl
rhw/	1	11 11	cass co lbp

----- input.f84

rbw/			RED-BELLIED WOODPECKER
------	--	--	------------------------

----- input.f84

ybs/			YELLOW-BELLIED SAPSUCKER
ybs/	1	09 17	mills co bw imm
ybs/	1	09 29	ames pm
ybs/	2	09 29	co r mn 2i
ybs/	1	10 03	amea jh
ybs/	2	10 06	sharon bluffs sp rc appanooose co; &10/13
ybs/	1	10 07	co r mn a
ybs/	1	10 16	frfld jeff dpo
ybs/	1	10 16	frfld jeff dpo

----- input.f84

dnw/			DOWNY WOODPECKER
------	--	--	------------------

----- input.f84

hrw/ HAIRY WOODPECKER

----- input.f84

nof/ NORTHERN FLICKER

nof/ 50 09 22 hhp ia cy johnson rjh -100?

nof/ 1 10 12 hickory hill pk tamarkm roange-sh

----- input.f84

plw/ PILEATED WOODPECKER

plw/ 1 10 10 grammer gr wa marshall bp

----- input.f84

osf/ OLIVE-SIDED FLYCATCHER

osf/ 7 -- -- se iowa rc fall ttl

osf/ 08 04 E DATE 2

osf/ 1 08 05 ames pm e

osf/ 08 06 E DATE 3

osf/ 1 08 08 ames pm

osf/ 1 08 16 hm mp

osf/ 1 08 17 honey cr sp rc appanoose co; E

osf/ - 08 23 mills co; -9/02 bw

osf/ 08 25 E DATE 1

osf/ 1 08 26 iowa city hhp tk

osf/ 1 09 01 iowa city mn

osf/ 1 09 03 sioux ctr jvd

osf/ 1 09 12 riverton wa fremont mp

osf/ 1 09 19 ames pm 1

osf/ 09 23 L DATE 3

osf/ 09 28 L DATE 2

osf/ 10 20 L DATE 1

----- input.f84

ewp/ EASTERN WOOD-PEWEE

ewp/ 1 09 19 ames pm 1

ewp/ 2 09 23 sharon bluffs sp rc appanoose co

ewp/ 10 10 L DATE 3

ewp/ 10 13 L DATE 2

ewp/ 10 23 L DATE 1

----- input.f84

ybf/ YELLOW-BELLIED FLYCATCHER

ybf/ 08 05 E DATE 1

ybf/ 08 13 E DATE 2

ybf/ 08 14 E DATE 3

ybf/ 1 09 03 davenport pp,mlp details

ybf/ 4 09 03 shimek sf rc no details

ybf/ 1 09 09 davenport pp, mlp details

ybf/ 1 09 09 saulsb br ra louisa bw details

ybf/ 1 09 09 w muscatine co tk

ybf/ 1 09 12 ames pm

ybf/ 1 09 21 davenport pp,mlp details

ybf/ 10 07 L DATE 3

ybf/ 10 10 L DATE 2

ybf/	10 12				L DATE 1
-----	input.f84				
acf/		ACADIAN FLYCATCHER			
acf/	09 15				L DATE 3
acf/	09 25				L DATE 2
acf/	09 26				L DATE 1
-----	input.f84				
alf/		ALDER FLYCATCHER			
alf/	08 17				ONLY FALL DATE
-----	input.f84				
wlf/		WILLOW FLYCATCHER			
wlf/	2 08 01	hm		pm	heard
wlf/	09 21				L DATE 2
wlf/	09 25				L DATE 1
-----	input.f84				
lsf/		LEAST FLYCATCHER			
lsf/	10 05				L DATE 2
lsf/	10 16				L DATE 1
-----	input.f84				
epf/		EASTERN PHOEBE			
epf/	3 09 29	co r		mn	
epf/	1 10 15	sioux ctr		jvd	
epf/	6 10 17	ames		pm	pk
epf/	1 10 30	croton u shimek sf		bc	last
epf/	1 10 31	co r		cb	
epf/	1 11 01	red rock		jsc	
epf/	11 03				L DATE 3
epf/	11 04				L DATE 2
epf/	11 05				L DATE 1
-----	input.f84				
gcf/		GREAT CRESTED FLYCATCHER			
gcf/	1 09 13	ames		pm	1
gcf/	1 09 15	ames		jh	
gcf/	09 22				L DATE 3
gcf/	09 24				L DATE 2
gcf/	10 09				L DATE 1
-----	input.f84				
ekb/		EASTERN KINGBIRD			
ekb/	35 09 04	ne mills/ptch gr dgwd bw			
ekb/	11 09 11	jounson co		cb	all 1 tree
ekb/	10 02				L DATE 3
ekb/	10 04				L DATE 2
ekb/	10 08				L DATE 1
-----	input.f84				
wkb/		WESTERN KINGBIRD			
wkb/	1 08 04	forney lk fremont		jf	
wkb/	1 09 09	5 mi s saulsb br ra pp			details/mob

wkb/	1	09 09	muscatine	rc	m.ob.
wkb/		09 18		L DATE 3	
wkb/		09 20		L DATE 2	
wkb/		10 13		L DATE 1	
wkb/	1	11 03	ames	bs*fide jd	

----- input.f84

stf/			SCISSOR-TAILED FLYCATCHER		
stf/		08 17		L DATE 1	
stf/		08 97		L DATE 2	
stf/		09 10		L DATE 3	
stf/	1	10 27	31/2 m ne cherokee	vb*	

----- input.f84

hlk/			HORNED LARK		
------	--	--	-------------	--	--

----- input.f84

pms/			PURPLE MARTIN		
pms/	15	08 13	council bluffs	cfs	
pms/	6k	08 15	riverfront keoku bc	max at roost see note	
pms/	500	09 02	lk manawa	lbp	
pms/	2	09 22	boone co	sd	
pms/		10 10		L DATE 3	
pms/		10 14		L DATE 2	
pms/		11 02		L DATE 1	

----- input.f84

trs/			TREE SWALLOW		
trs/	700	08 12	co r	cb	
trs/	1k	09 16	co r	mn	
trs/	1k	09 29	co r	mn	
trs/	20	10 06	lk manawa	bpa/tb	
trs/	2.5k	10 07	co r	mn	max
trs/	250	10 14	co r	mn	0 10/28
trs/	200	10 24	big cr sp	sd	
trs/	1	10 28	co r	tk	last
trs/	3	10 30	big cr sp	sd	
trs/		11 01		L DATE 3	
trs/		11 05		L DATE 2	
trs/		11 14		L DATE 1	

----- input.f84

rws/			NORTHERN ROUGH-WINGED SWALLOW		
rws/	3	09 16	hm	pm	1
rws/		09 22		L DATE 3	
rws/		09 23		L DATE 2	
rws/	30	09 30	lk manawa	lbp	
rws/		10 16		L DATE 1	

----- input.f84

bks/			BANK SWALLOW		
bks/	100	08 26	fremont co	emu	
bks/	6	09 02	hm	pm	1
bks/		09 24		L DATE 3	
bks/		09 30		L DATE 2	

bks/ 10 11
----- input.f84

L DATE 1

cls/ CLIFF SWALLOW
cls/ 1.3k 08 13 8 m ne cherokee
cls/ 1 09 29 hm
cls/ 10 04
cls/ 200 10 06 hm
cls/ 10 13
cls/ 10 29
----- input.f84

mb
pm 1
L DATE 3
emu
L DATE 2
L DATE 1

bas/ BARN SWALLOW
bas/ 50 10 03 hm
bas/ 1k 10 06 forneys 1k
bas/ 3 10 16 hm
bas/ 10 25
bas/ 1 10 27 wl s
bas/ 10 28
bas/ 10 29
----- input.f84

pm 1
tb,bpa
sd
L DATE 3
bw 1; details
L DATE 2
L DATE 1

blj/ BLUE JAY
----- input.f84

acr/ AMERICAN CROW
----- input.f84

bcc/ BLACK-CAPPED CHICKADEE
----- input.f84

tft/ TUFTED TITMOUSE
tft/ 17 11 11 1k rathbn
----- input.f84

rc lg group

wbn/ WHITE-BREASTED NUTHATCH
----- input.f84

rbn/ RED-BREASTED NUTHATCH
rbn/ 08 11
rbn/ 08 12
rbn/ 08 16
rbn/ 1 09 15 ames
rbn/ 1 09 29 ames
rbn/ 1 10 07 ames
rbn/ - 10 22 sioux ctr
rbn/ 1 10 24 4 m e larrabee
----- input.f84

E DATE 1
E DATE 2
E DATE 3
jh
pm
pm
jvd f:sm flk
mb

bcr/ BROWN CREEPER
bcr/ 1 08 29 oakville
----- input.f84

pp e

hwr/ HOUSE WREN
hwr/ 1 10 20 ne mills

bw last

hwr/	2	10 21	ames	pm	1
hwr/	-	10 24	warren co	jsc	
hwr/		10 25		L DATE 3	
hwr/		10 31		L DATE 2	
hwr/		11 07		L DATE 1	

----- input.f84

cwr/			CAROLINA WREN		
cwr/	1	08 29	oakville	pp	
cwr/	1	09 03	pammel wds ames	jh	singing
cwr/	1	09 28	dwntwn ia cy	rjh	

----- input.f84

bwr/			BEWICK'S WREN		
bwr/		09 28		L DATE 3	
bwr/		10 14		L DATE 2	
bwr/		10 29		L DATE 1	

----- input.f84

hor/			HOUSE WREN		
------	--	--	------------	--	--

----- input.f84

wwr/			WINTER WREN		
wwr/		09 08		E DATE 1	
wwr/		09 10		E DATE 2	
wwr/		09 14		E DATE 3	
wwr/	2	09 21	ames	pm	
wwr/	1	09 28	r hts johnson	jf	
wwr/	15	09 29	ames	emu	
wwr/	1	10 07	co r	tk	
wwr/	1	10 07	grammer gr wa marshall bp		
wwr/	1	10 09	davenport	pp	
wwr/	1	10 19	ne mills	bw	
wwr/	1	10 21	iowa city	tk	
wwr/	1	10 29	pioneer ridge	rc	wapello co
wwr/	1	11 03	big wall lk	sd	

----- input.f84

swr/			SEDGE WREN		
swr/	5	05 03	woodbury co	jh	singing
swr/	3	08 04	orange city	kh/dr fide dvd;	-8/18
swr/	2	09 23	lk rathbn	rc	
swr/	12	09 28	co r	jf	
swr/	1	09 29	co r	mn	
swr/	2	10 03	hm	pm	1
swr/	-	10 11	hm	sd	last
swr/		10 16		L DATE 1	
swr/		10 30		L DATE 2	
swr/		11 15		L DATE 3	

----- input.f84

mwr/			MARSH WREN		
mwr/	1	09 11	sioux ctr	jvd	
mwr/	1	09 23	co r	mn	
mwr/	-	10 05	hendrickson m story	jf	numerous

mwr/	1	10 06	forney lk	bpa/tb	
mwr/	2	10 06	forneys lk	tb,bpa	
mwr/	1	10 21	hm	pm	1
mwr/	1	10 25	doolittle pr	sd	-2 birds
mwr/		10 30		L DATE 3	
mwr/		10 31		L DATE 2	
mwr/		11 23		L DATE 1	

----- input.f84

GOLDEN-CROWNED KINGLET					
gck/		08 31		E DATE 1	
gck/		09 21		E DATE 2	
gck/		09 23		E DATE 3	
gck/	2	09 29	ames	pm	f
gck/	1	09 30	ames	sd	
gck/	-	10 23	ne mills	bw	f
gck/	15	10 28	ames	pm	
gck/	-	11 02		jvd	f
gck/	12	11 11	cass co	lbp	
gck/	2	11 14	council bluffs	tb,bpa	
gck/	1	11 16	laurens	rh	
gck/	1	11 17	centerville res	rc	appanoose co

----- input.f84

RUBY-CROWNED KINGLET					
rck/		08 16		E DATE 1	
rck/		08 24		E DATE 2	
rck/		08 25		E DATE 3	
rck/	1	08 29	sioux cientr	jvd	e
rck/	5	09 15	ames	pm	f
rck/	1	09 16	mills co	tb,bjr	
rck/	1	09 29	co r	mn	
rck/	1	10 06	forney lk	bpa/tb	
rck/	23	10 21	ames	pm	pk

----- input.f84

BLUE-GREY GNATCATCHER					
bgg/	1	09 02	ames	pm	
bgg/	1	09 03	waubonsie sp frem	lbp	
bgg/	2	09 09	davenport	pp,mlp	
bgg/	1	09 09	mk twain nwr	pp	mob
bgg/	1	09 09	wildcat den sp	sd	
bgg/		09 22		L DATE 3	
bgg/		09 24		L DATE 2	
bgg/		11 13		L DATE 1	

----- input.f84

EASTERN BLUEBIRD					
ebb/	-	-- --	reprod in bx low	bw mills co	
ebb/	13	10 13	appanoose co	rc	pk
ebb/	24	11 02	johnson co	jf	
ebb/	3	11 09	fairfield	tkl fide dpo	
ebb/	10	11 11	co r	cb	

----- input.f84

vth/ VEERY

vth/	08 16		E DATE 1
vth/	08 17		E DATE 2
vth/	09 30		L DATE 3
vth/	10 01		L DATE 2
vth/	10 16		L DATE 1

----- input.f84

gth/ GREY-CHEEKED THRUSH

gth/	08 14		E DATE 1
gth/	08 29		E DATE 2
gth/	1 09 16	ames	pm
gth/	1 10 03	ames	pm
gth/	10 14		L DATE 3
gth/	10 19		L DATE 2
gth/	12 12		L DATE 1

only rpts

----- input.f84

sth/ SWAINSON'S THRUSH

sth/	08 19		E DATE 1
sth/	08 24		E DATE 2
sth/	08 25		E DATE 3
sth/	2 09 03	ames	pm
sth/	3 09 12	ames	pm
sth/	1 09 13	ames	pm
sth/	10 21		L DATE 3
sth/	10 30		L DATE 2
sth/	11 06		L DATE 1

f

1

----- input.f84

hth/ HERMIT THRUSH

hth/	09 15		E DATE 1
hth/	09 25		E DATE 2
hth/	09 26		E DATE 3
hth/	1 09 29	ames	jh
hth/	1 10 03	ames	pm
hth/	1 10 13	sharon bluffs sp	rc
hth/	1 10 15		jvd
hth/	3 10 21	ames	pm
hth/	1 10 21	iowa city	tk
hth/	11 14		L DATE 3
hth/	11 17		L DATE 2
hth/	11 26		L DATE 1

f

appanoose co

only rep

pk

----- input.f84

wth/ WOOD THRUSH

wth/	10 13		L DATE 3
wth/	10 14		L DATE 2
wth/	10 24		L DATE 1

----- input.f84

arb/ AMERICAN ROBIN

arb/	117+ 10 13	sharon bluffs sp	rc	appanoose co
arb/	- 10 28	council bluffs	cfs	last

----- input.f84

vtr/ VARIED THRUSH
vtr/ 11 17 E DATE 1
vtr/ 11 19 E DATE 2
vtr/ 11 20 E DATE 3

----- input.f84

gcb/ GRAY CATBIRD
gcb/ 2 10 06 forney lk bpa/tb
gcb/ 1 10 20 ames pm 1
gcb/ 11 13 L DATE 2
gcb/ 11 28 L DATE 1

----- input.f84

nmk/ NORTHERN MOCKINGBIRD
nmk/ 1 05 27 bronson wdbry co jh

----- input.f84

bth/ BROWN THRASHER
bth/ 1 09 30 ames pm 1
bth/ 1 10 06 forney lk bpa/tb
bth/ 11 08 L DATE 3
bth/ 11 23 L DATE 2
bth/ 11 28 L DATE 1

----- input.f84

wpp/ WATER PIPIT
wpp/ 08 20 E DATE 1
wpp/ 08 28 E DATE 2
wpp/ 09 12 E DATE 3
wpp/ 4 09 16 mills co tb,bjr
wpp/ 3 09 19 hm pm f
wpp/ 7 09 22 hm hz
wpp/ 2 09 28 4 m se larrabee mb
wpp/ 10 09 29 hm pm also 10/10
wpp/ - 09 30 runnels jsc
wpp/ 35 10 06 hm emu
wpp/ 35 10 06 hm sd
wpp/ 15 10 07 co r mn f
wpp/ 13 10 13 hm bp p on tel wire
wpp/ 46 10 14 co r mn lg no
wpp/ 3 11 03 hm pm
wpp/ 11 13 L DATE 3
wpp/ 11 16 L DATE 2
wpp/ 12 13 L DATE 1

----- input.f84

cwx/ CEDAR WAXWING
cwx/ 1k 11 11 cou falls johnson rjh
cwx/ 220 11 25 co r mn

----- input.f84

bwx/ BOHEMIAN WAXWING
bwx/ 09 27 E DATE 1
bwx/ 1 11 02 laurens rh netted; -11/12

bwx/	1	11 11	co r	cb*	e date
bwx/	1	11 11	co r	tjs	
bwx/	1	11 11	cou falls johnson	tk	details
bwx/	1	11 11	hawkeye wa co r	rjh*/tk/cb/ts	
bwx/		11 21		E DATE 2	
bwx/		12 04		E DATE 3	

----- input.f84

nsh/			NORTHERN SHRIKE		
nsh/		10 02		E DATE 1	
nsh/		10 18		E DATE 2	
nsh/		10 19		E DATE 3	
nsh/	1	10 25	cherokee co	mb	
nsh/	2	10 30	cherokee co	mb	
nsh/	1	11 17	winneshiek co	tjs	w/tk
nsh/	1	11 17	winneshiek co	tk	imm
nsh/	2	11 25	cherokee co	mb	
nsh/	1	11 30	n marshall co	bp/ph	details

----- input.f84

lsh/			LOGGERHEAD SHRIKE		
lsh/	6	-- --	appanoose co	rc	fall ttl
lsh/	-	-- --	lamoni; scarce	jdg 3 for	fall
lsh/	1	07 18	alton sioux	bf fide dh	
lsh/	1	08 04	hm	pm	also 9/15

----- input.f84

eus/			EUROPEAN STARLING		
------	--	--	-------------------	--	--

----- input.f84

wev/			WHITE-EYED VIREO		
wev/	1	09 10	waterloo	rkm	n
wev/	3	09 14	pioneer ridge	rc	wapello co
wev/		09 25		L DATE 3	
wev/		09 26		L DATE 2	
wev/		10 01		L DATE 1	

----- input.f84

blv/			BELL'S VIREO		
blv/	1	05 26	stone pk wdbry co	jh	
blv/	1	09 15	ames	pm	heard
blv/		09 16		E DATE 1	
blv/		09 23		E DATE 2	
blv/		09 24		E DATE 3	

----- input.f84

sov/			SOLITARY VIREO		
sov/		07 16		E DATE 1	
sov/		08 20		E DATE 2	
sov/		08 24		E DATE 3	
sov/	2	09 03	ames	pm	f
sov/	12	09 15	ames	pm	pk
sov/	1	10 11	laurens	rh	l
sov/	1	10 15	frfld jeff	dpo	
sov/	1	10 20	ames	pm	l

sov/	1	10 21	co r	cb	1
sov/	1	10 21	ia city	tk	
sov/		10 27		L DATE 3	
sov/		10 31		L DATE 2	
sov/		11 01		L DATE 1	
sov/	1	11 07	liscomb marshall	mp	1
sov/	1	11 11	marshalltown cem	mp	1

----- input.f84

ytv/			YELLOW-THROATED VIREO		
ytv/	1	09 27	ames	pm	1
ytv/		10 03		L DATE 3	
ytv/		10 13		L DATE 2	
ytv/		10 19		L DATE 1	

----- input.f84

wrv/			WARBLING VIREO		
wrv/	1	09 05	ames	pm	singing
wrv/		10 11		L DATE 2	
wrv/		10 19		L DATE 1	

----- input.f84

phv/			PHILADELPHIA VIREO		
phv/		08 15		E DATE 1	
phv/		08 27		E DATE 2	
phv/	1	09 08	ames	jh	
phv/	1	09 09	mk twain nwr	pp	mob
phv/	6	09 11	ames	pm	-09/27
phv/	10	09 15	hhp,ia city johnson	tk	hi no
phv/	1	09 15	mcfarland pk story	sd	
phv/	1	09 23	lk ahquabi	jsc	
phv/		10 05		L DATE 3	
phv/		10 08		L DATE 2	
phv/		10 09		L DATE 1	

----- input.f84

rev/			RED-EYED VIREO		
rev/	1	09 27	ames	pm	1
rev/		10 16		L DATE 3	
rev/		11 04		L DATE 2	
rev/		11 05		L DATE 1	

----- input.f84

blw/			BLUE-WINGED WARBLER		
blw/		09 16		L DATE 3	
blw/		09 18		L DATE 2	
blw/		09 26		L DATE 1	

----- input.f84

gww/			GOLDEN-WINGED WARBLER		
gww/		07 29		E DATE 1	
gww/		08 14		E DATE 2	
gww/		08 19		E DATE 3	
gww/	1	09 01	iowa city	mn	
gww/	1	09 02	davenport	pp	

gww/	1	09 14	davenport	pp	
gww/	1	09 15	ames	pm	only rpt
gww/		09 24		L DATE 3	
gww/	1	09 26	pioneer ridge	rc	wapello co
gww/		09 27		L DATE 2	
gww/		10 02		L DATE 1	

----- input.f84

tnw/			TENNESSEE WARBLER		
tnw/		01 23		L DATE 1	
tnw/		08 09		E DATE 1	
tnw/	1	08 20	big cr sp	sd	
tnw/	1	09 04	ames	pm	few this yr
tnw/	2	10 03	ames	pm	
tnw/		10 22		L DATE 2	

----- input.f84

ocw/			ORANGE-CROWNED WARBLER		
ocw/		09 01		E DATE 1	
ocw/	1	09 07	ames	pm	early
ocw/		09 08		E DATE 2	
ocw/		09 13		E DATE 3	
ocw/	9	09 30	ames	sd	
ocw/	10	10 03	ames	pm	
ocw/	9	10 21	ames	pm	
ocw/	1	10 21	ia city	tk	
ocw/	1	10 24	lk ahquabi	jsc	
ocw/	1	10 27	davenport	pp	
ocw/	1	10 28	ames	pm	1
ocw/	1	10 28	waterloo	rkm	1
ocw/		11 02		L DATE 3	
ocw/	1	11 04	ames	jh	
ocw/		11 23		L DATE 2	
ocw/		11 29		L DATE 1	

----- input.f84

naw/			NASHVILLE WARBLER		
naw/		07 22		E DATE 1	
naw/		08 11		E DATE 2	
naw/		08 15		E DATE 3	
naw/	4	09 03	ames	pm	f
naw/	16	09 26	ames	pm	
naw/	1	10 19	r hts johnson	jf	1
naw/	1	10 21	ames	emu	
naw/	8	10 21	ames	pm	
naw/	2	10 21	ia city	tk	
naw/		10 30		L DATE 3	
naw/		11 01		L DATE 2	
naw/	1	11 04	ames	pm	1
naw/		11 06		L DATE 1	

----- input.f84

npw/			NORTHERN PARULA		
npw/	1	08 18	ledges sp	sd	
npw/	7	09 04	ames	pm	t11 -9/27

npw/	1	09 15	ia city	tk
npw/	1	09 30	davenport	pp
npw/	1	10 03	davenport	pp
npw/		10 04		L DATE 3
npw/		10 10		L DATE 2
npw/		10 16		L DATE 1

----- input.f84

ylw/			YELLOW WARBLER	
ylw/	1	08 04	folsom lk	lbp
ylw/		10 02		L DATE 2
ylw/		10 05		L DATE 1

----- input.f84

csw/			CHESTNUT-SIDED WARBLER	
csw/		01 04		L DATE 1
csw/		08 11		E DATE 1
csw/		08 12		E DATE 2
csw/		08 13		E DATE 3
csw/	1	08 19	dallas co	rc e
csw/	5	09 03	denison crawford co	cfs
csw/	16	09 15	ames	pm pk
csw/	1	09 26	ames	pm l
csw/		10 03		L DATE 2

----- input.f84

mgw/			MAGNOLIA WARBLER	
mgw/		08 13		E DATE 1
mgw/		08 14		E DATE 2
mgw/		08 15		E DATE 3
mgw/	3	09 15	ames	pm also 9/16
mgw/	1	09 27	ames	pm l
mgw/	1	10 06	forneys lk	tb,bpa
mgw/		11 02		L DATE 2
mgw/		11 26		L DATE 1

----- input.f84

cmw/			CAPE MAY WARBLER	
cmw/		08 11		E DATE 1
cmw/		08 29		E DATE 2
cmw/	1	09 16	liscomb marshall	mp
cmw/	2	09 16	mills co	lbp* unc w ia! 2f
cmw/		10 23		L DATE 2
cmw/		11 17		L DATE 1

----- input.f84

btb/			BLACK-THROATED BLUE WARBLER	
btb/		08 30		E DATE 1
btb/		08 31		E DATE 2
btb/		09 01		E DATE 3
btb/	1	09 02	ames	pm male
btb/	1	09 03	ames	emu* female
btb/	1	09 08	ames	jh female
btb/	1	09 09	ames	emu* ad male
btb/	1	09 30	davenport	pp,mlp,bb ad m;&10/1

btb/	10 25		L DATE 3
btb/	11 03		L DATE 2
btb/	11 20		L DATE 1

----- input.f84

yrw/		YELLOW-RUMPED WARBLER	
yrw/	08 20		E DATE 1
yrw/	1 09 03	ames	pm e
yrw/	1 09 06	sames	jh
yrw/	09 14		E DATE 2
yrw/	25 10 17	ames	pm
yrw/	30 10 21	ames	pm
yrw/	1 10 28	waterloo km	rkm 1
yrw/	1 11 04	ames	pm 1
yrw/	12 30		L DATE 1

----- input.f84

btg/		BLACK-THROATED GREEN WARBLER	
btg/	08 02		E DATE 1
btg/	08 13		E DATE 2
btg/	08 17		E DATE 3
btg/	20 09 03	ames	pm ttl -10/14
btg/	1 10 11	city of cherokee	mb
btg/	1 10 14	cherokee	db
btg/	1 10 18	waterloo	rkm 1
btg/	10 28		L DATE 3
btg/	1 11 03	croton u shimek sf	bc LD3?
btg/	11 06		L DATE 2
btg/	11 10		L DATE 1

----- input.f84

bkw/		BLACKBURNIAN WARBLER	
bkw/	08 02		E DATE 1
bkw/	08 15		E DATE 2
bkw/	1 09 15	ames	pm also 9/18
bkw/	3 09 15	mcfarland pk story	emu
bkw/	10 10		L DATE 3
bkw/	10 17		L DATE 2
bkw/	1 10 18	ames	emu
bkw/	11 16		L DATE 1

----- input.f84

ytw/		YELLOW-THROATED WARBLER	
ytw/	1 08 20	lacey-keosaqua sp	rc
ytw/	08 29		L DATE 3
ytw/	09 11		L DATE 2
ytw/	11 04		L DATE 1

----- input.f84

pnw/		PINE WARBLER	
pnw/	08 27		E DATE 1
pnw/	1 08 30	centerville res	rc app. co; no details
pnw/	1 09 03	ames	jh
pnw/	1 09 03	ames	jh* pm*
pnw/	1 09 03	ames	pm*

pnw/	1	09 05	waterloo	flm*/bm*
pnw/	1	09 05	waterloo	rkm
pnw/	1	09 07	laurens	jc* not rh!
pnw/	1	09 07	laurens	rh* netted
pnw/	1	09 15	mcfarland pk	emu*/sd/hz
pnw/	1	09 15	mcfarland pk story	hz*
pnw/	1	09 15	mcfarland pk story	sd*
pnw/	1	09 27	laurens	rh*
pnw/		10 01		L DATE 3
pnw/		10 04		L DATE 2
pnw/		10 16		L DATE 1

----- input.f84

prw/ PRAIRIE WARBLER				
prw/	1	08 24	croton u shimek sf	bc* territorial?
prw/	1	08 25	croton u shimek sf	flm* lee co
prw/	1	09 09	shimek sf	rc poor details
prw/	1	09 15	croton un shimek sf	bc* br?

----- input.f84

pmw/ PALM WARBLER				
pmw/		09 08		E DATE 1
pmw/		09 09		E DATE 2
pmw/		09 14		E DATE 3
pmw/	1	09 23	hm	pm
pmw/	1	09 29	frfld jeff	dpo
pmw/	3	10 03	ames	pm
pmw/		10 13		L DATE 3
pmw/		10 14		L DATE 2
pmw/	1	10 21	ames	pm 1
pmw/		11 17		L DATE 1

----- input.f84

bbw/ BAY-BREASTED WARBLER				
bbw/		08 17		E DATE 1
bbw/		08 17		E DATE 1
bbw/	42	09 02	ames	pm ttl -10/6
bbw/	1	09 03	sioux ctr	jvd not com this loc
bbw/	3	09 14	pioneer ridge	rc wapello co
bbw/	12	09 15	ames	pm max
bbw/	1	09 22	ia city	tk
bbw/		10 20		L DATE 2
bbw/		10 30		L DATE 1

----- input.f84

bpw/ BLACKPOLL WARBLER				
bpw/		08 19		E DATE 1
bpw/		08 27		E DATE 2
bpw/		08 29		E DATE 3
bpw/	7	09 04	ames	pm ttl-9/29
bpw/		10 05		L DATE 2
bpw/		10 12		L DATE 1

----- input.f84

crw/	CERULEAN WARBLER			
------	------------------	--	--	--

crw/	3	08 20	lacey-keosauqua sp	rc	
crw/		09 24		L DATE 3	
crw/		10 01		L DATE 2	
crw/		10 03		L DATE 1	

----- input.f84

baw/			BLACK-AND-WHITE WARBLER		
baw/	1	08 21	davenport	pp; -9/30	
baw/	7	09 16	ames	pm	max
baw/	1	09 30	ames	pm	1
baw/		10 18		L DATE 3	
baw/		10 22		L DATE 2	
baw/		10 30		L DATE 1	

----- input.f84

arw/			AMERICAN REDSTART		
arw/	1	09 21	ames	pm	1
arw/		10 14		L DATE 3	
arw/		10 16		L DATE 2	
arw/		10 23		L DATE 1	

----- input.f84

ptw/			PROTHONOTARY WARBLER		
ptw/		08 14		L DATE 2	
ptw/		08 31		L DATE 1	

----- input.f84

wew/			WORM-EATING WARBLER		
wew/		09 10		L DATE 2	
wew/		09 13		L DATE 1	
wew/	1	09 15	croton un shimek sf bc*	late	

----- input.f84

ovw/			OVENBIRD		
ovw/	3	08 23	stone pk wdbry co	jh	2a+1fldg
ovw/	23	09 01	ames	pm	t11-9/16
ovw/		11 04		L DATE 2	
ovw/		12 28		L DATE 1	

----- input.f84

nww/			NORTHERN WATERTHRUSH		
nww/		01 19		L DATE 3	
nww/		08 06		E DATE 1	
nww/		08 11		E DATE 2	
nww/	1	08 24	ames	sd	
nww/	4	08/29	ames	pm	t11-9/6
nww/	1	10 07	co r	mn	
nww/		11 18		L DATE 2	
nww/		11 21		L DATE 1	

----- input.f84

law/			LOUISIANA WATERTHRUSH		
law/	1	08 20	lacey-keosauqua sp	rc	
law/		09 02		L DATE 2	
law/		09 09		L DATE 1	

----- input.f84

kew/ KENTUCKY WARBLER

kew/	1	09 13	croton un shimek sf	bc	last
kew/	1	09 14	pioneer ridge	rc	wapello co; 1
kew/		09 15		L DATE 2	
kew/		09 23		L DATE 1	

----- input.f84

cow/ CONNECTICUT WARBLER

cow/		08 20		E DATE 1	
cow/	2	08 21	hhp ia city johnson	tk	early
cow/		08 23		E DATE 2	
cow/	1	08 30	ames	emu*	-8/31
cow/	1	09 03	ames	pm	
cow/	2	09 03	grammer gr wa marshall	bp	
cow/	1	09 21	hhp ia cy johnson	rjh	
cow/		10 02		L DATE 3	
cow/		10 05		L DATE 2	
cow/		10 08		L DATE 1	

----- input.f84

mow/ MOURNING WARBLER

mow/		08 02		E DATE 1	
mow/		08 14		E DATE 2	
mow/		08 15		E DATE 3	
mow/	1	08 26	hhp ia city johnson	tk	
mow/	1	09 02	davenport	pp	
mow/	1	09 09	mk twain nwr	pp/mob	
mow/		10 01		L DATE 3	
mow/		10 02		L DATE 2	
mow/		10 04		L DATE 1	

----- input.f84

cyw/ COMMON YELLOWTHROAT

cyw/	7	09 23	hm	pm	1
cyw/	1	10 05	hhp ia cy johnson	rjh	1
cyw/		10 10		L DATE 3	
cyw/		10 14		L DATE 2	
cyw/	1	10 14	ames	emu	
cyw/	1	10 15	hm	sd	
cyw/		11 03		L DATE 1	

----- input.f84

how/ HOODED WARBLER

how/		08 07		L DATE 2	
how/		09 26		L DATE 1	

----- input.f84

wiw/ WILSON'S WARBLER

wiw/		08 08		E DATE 1	
wiw/		08 15		E DATE 2	
wiw/	1	08 24	daenport	pp	e
wiw/	25	09 02	ames	pm	ttl-9/19
wiw/	1	09 22	davenport	pp	1

wiw/	10 18		L DATE 3
wiw/	11 02		L DATE 2
wiw/	11 25		L DATE 1
----- input.f84			

caw/		CANADA WARBLER		
caw/	08 04		E DATE 1	
caw/	08 09		E DATE 2	
caw/	08 12		E DATE 3	
caw/	1 08 19	iowa city?	tk	
caw/	1 09 02	davenport	pp	e
caw/	2 09 11	davenport	pp	
caw/	1 09 14	pioneerridge	rc	wapello co; 1
caw/	1 09 19	davenport	pp	
caw/	1 09 20	ames	sd	
caw/	09 30		L DATE 3	
caw/	10 03		L DATE 2	
caw/	10 06		L DATE 1	
----- input.f84				

ycw/		YELLOW-BREASTED CHAT		
ycw/	1 08 03	appanoose co	jf	
ycw/	1 09 09	mk twain nwr	pp	mob/iou
ycw/	1 09 14	pioneer ridge	rc	wapello co;1
ycw/	09 28		L DATE 1	
----- input.f84				

sut/		SUMMER TANAGER		
sut/	1 08 05	waubonsie sp fremont	jf	
sut/	1 09 03	cedar co	jf	
sut/	09 22		L DATE 3	
sut/	10 07		L DATE 2	
sut/	10 08		L DATE 1	
----- input.f84				

sct/		SCARLET TANGER		
sct/	10 12		L DATE 3	
sct/	1 10 20	davenport	pp	last
sct/	10 22		L DATE 2	
sct/	10 28		L DATE 1	
----- input.f84				

noc/		NORTHERN CARDINAL		
----- input.f84				

rbg/		ROSE-BREASTED GROSBEAK		
rbg/	1 10 03	ames	pm	1
rbg/	10 10		L DATE 3	
rbg/	10 12		L DATE 2	
rbg/	10 19		L DATE 1	
----- input.f84				

bhg/		BLACK-HEADED GROSBEAK		
bhg/	12 14		L DATE 1	
----- input.f84				

blg/ BLUE GROSBEAK
 blg/ 4 08 04 fremont co jf
 blg/ 1 08 07 3 m nw cherokee mb
 blg/ 5 08 09 bronson wdbry co jh thru 8/17
 blg/ 2 08 21 4 m nw washta mb
 blg/ 5 08 26 fremont emu 1m,1f,3j
 blg/ 5 08 26 sw fremont co sd
 blg/ 09 20 L DATE 3
 blg/ 10 04 L DATE 2
 blg/ 10 08 L DATE 1

----- input.f84

ind/ INDIGO BUNTING
 ind/ 4 10 06 forney lk bpa/tb
 ind/ 1 10 06 lk rathbn rc 1
 ind/ 10 19 L DATE 3
 ind/ 10 22 L DATE 2
 ind/ 10 23 L DATE 1
 ind/ 1 11 04 big cr sp jsh*

----- input.f84

dck/ DICKCISSEL
 dck/ 2 09 03 coopers marsh pm 1;story co
 dck/ 1 10 02 ne mills fnd dead bw/bb
 dck/ 10 14 L DATE 3
 dck/ 10 18 L DATE 2
 dck/ 11 02 L DATE 1

----- input.f84

rst/ RUFOUS-SIDED TOWHEE
 rst/ - 09 23 lk ahquabi;-10/23 jsc
 rst/ 1 10 03 ames jh
 rst/ 1 10 03 ames pm also 10/20
 rst/ 2 10 06 foeneys lk tb,bpa west ssp
 rst/ 2 10 06 forney lk bpa/tb
 rst/ 1 10 07 co r mn

----- input.f84

ats/ AMERICAN TREE SPARROW
 ats/ 09 14 E DATE 1
 ats/ - 09 27 warren co jsc
 ats/ 20 10 28 jvd first

----- input.f84

chs/ CHIPPING SPARROW
 chs/ 1 10 17 fairfield jeffrsn dpo w pl
 chs/ 1 10 22 council bluffs cfs late?
 chs/ 10 10 31 ames pm 1
 chs/ 12 21 L DATE 3
 chs/ 12 26 L DATE 2
 chs/ 12 29 L DATE 1

----- input.f84

ccs/ CLAY-COLORED SPARROW

ccs/		09 06		E DATE 1
ccs/		09 12		E DATE 2
ccs/	1	10 03	hm	pm
ccs/		11 13		L DATE 2
ccs/		12 03		L DATE 1

----- input.f84

fds/			FIELD SPARROW		
fds/	-	10 06	forney lk	bpa/tb	
fds/	2	10 31	ames	pm	1

----- input.f84

vps/			VESPER SPARROW		
vps/	-	09 16	folsom lk	blp	
vps/	1	10 17	hm	pm	1
vps/		10 30		L DATE 3	
vps/		11 01		L DATE 2	
vps/		11 07		L DATE 1	

----- input.f84

lks/			LARK SPARROW		
lks/	7	08 09	wdbry co	jh	thru 8/17
lks/	3	09 13	sioux ctr	jvd	
lks/		11 22		L DATE 1	

----- input.f84

lkb/			LARK BUNTING		
lkb/	2	06 14	sioux co	ct*	males
lkb/		07 01		L DATE 2	
lkb/		07 29		L DATE 1	

----- input.f84

svs/			SAVANNAH SPARROW		
svs/	1	10 21	larsons marsh	pm	1;story co
svs/	1	10 25	doolittle pr	sd	
svs/	6	11 04	lk rathbn	rc	1
svs/		11 08		L DATE 3	
svs/		11 11		L DATE 2	
svs/		11 12		L DATE 1	

----- input.f84

grs/			GRASSHOPPER SPARROW		
grs/	1	08 04	hm	pm	1;singing
grs/		10 20		L DATE 3	
grs/		10 29		L DATE 2	
grs/		11 05		L DATE 1	

----- input.f84

hns/			HENSLOW'S SPARROW		
hns/		10 29		L DATE 1	
hns/		10 29		L DATE 2	

----- input.f84

les/			LECONTE'S SPARROW		
les/		09 05		E DATE 1	

les/		09 14		E DATE 2	
les/	1	09 16	hm	jh	
les/	1	09 16	hm	pm	f
les/	5	10 03	hm	pm	
les/	4	10 04	hm	bp	
les/	30	10 04	hm	emu	
les/	15	10 05	hendrickson m story	jf	
les/	1	10 13	hm	mp	
les/	1	10 21	doolittle prairie	pm	l;story co
les/	15	10 24	hm	sd	
les/		11 07		L DATE 3	
les/		11 12		L DATE 2	
les/		11 15		L DATE 1	

----- input.f84

shs/		SHARP-TAILED SPARROW			
shs/		08 30		E DATE 1	
shs/		09 13		E DATE 2	
shs/		09 19		E DATE 3	
shs/	1	09 22	hm	hz*	
shs/	1	10 03	hm	pm*	
shs/	2	10 05	hendrickson m story	jf	no details
shs/	1	10 10	hm	mp*	
shs/		10 16		L DATE 3	
shs/		10 18		L DATE 2	
shs/		10 25		L DATE 1	

----- input.f84

fxs/		FOX SPARROW			
fxs/		09 21		E DATE 1	
fxs/		09 22		E DATE 2	
fxs/	1	10 03	ames	pm	f
fxs/	2	10 07	co r	tk	
fxs/	9	10 31	ames	pm	max
fxs/	1	10 31	laurens	rh	
fxs/	1	11 11	lk rathbn	rc	
fxs/	1	11 25	centerville	rc	1

----- input.f84

sgs/		SONG SPARROW			
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----- input.f84

lis/		LINCOLN'S SPARROW			
lis/		09 04		E DATE 1	
lis/		09 07		E DATE 2	
lis/	1	09 23	co r	mn	
lis/	2	09 23	hm	pm	
lis/	10	10 06	forney lk	bpa/tb	
lis/	4	10 06	forneys lk	tb,bpa	
lis/	10	10 07	co r	tk	

----- input.f84

sws/		SWAMP SPARROW			
sws/	3	09 29	co r	mn	
sws/	10	10 06	forneys lk	tb,bpa	

----- input.f84

wts/		WHITE-THROATED SPARROW			
wts/		09 05		E DATE 1	
wts/		09 06		E DATE 2	
wts/		09 10		E DATE 3	
wts/	1	09 14	davenport	pp	e; -11/
wts/	2	09 15	ames	jh	
wts/	1	09 15	hhp ia city johnson	tk	e
wts/	10	09 21	ames	pm	f
wts/	1	09 21	hhp ia cy johnson	rjh	
wts/	100	10 03	ames	pm	pk
wts/	2	10 06	forneys lk	tb,bpa	
wts/	100	10 21	ames	pm	pk

----- input.f84

wcs/		WHITE-CROWNED SPARROW			
wcs/		09 12		E DATE 1	
wcs/		09 23		E DATE 2	
wcs/	2	10 03	hm	pm	f
wcs/	21	10 20	ames	pm	max

----- input.f84

hrs/		HARRIS'S SPARROW			
hrs/		09 17		E DATE 1	
hrs/		09 21		E DATE 2	
hrs/		09 23		E DATE 3	
hrs/	2	09 29	ne mills	bw	first
hrs/	2	10 03	ames	pm	f
hrs/	1	10 13	cone m louisa	gw	
hrs/	10	10 13	hm	mp	
hrs/	7	10 20	ames	pm	max
hrs/	2	10 21	linn co	jf	
hrs/	-	10 23	warren co	jsc	
hrs/	1	10 28	floyd co	tjs	

----- input.f84

dej/		DARK-EYED JUNCO			
dej/		09 11		E DATE 1	
dej/		09 20		E DATE 2	
dej/	17	09 20	ne mill	bw	first
dej/		09 22		E DATE 3	
dej/	1	09 27	swaledale	lg	1st
dej/	1	09 30	ames	pm	f
dej/	1	09 30	fairfld jeff	dpo	f
dej/	1	09 30	orange city	jvd	e
dej/	3	10 03	ames	jh	
dej/	1	10 04	hhp ia cy johnson	rjh	sm dat 1st rhb

----- input.f84

lpl/		LAPLAND LONGSPUR			
lpl/		09 30		E DATE 1	
lpl/		10 02		E DATE 2	
lpl/		10 03		E DATE 3	
lpl/	5	10 21	doolittle pr	sd	

lpl/	23	10 21	larson m	pm	story co
lpl/	2.5k	11 10	colo ponds	hz	
lpl/	350	11 10	story co	sd	
lpl/	3.1k	11 11	4 loc story co	pm	!
lpl/	-	11 14	cherokee/bv cos	db	sev flks 20-70
lpl/	50	11 17	hm	hz	
lpl/	40	11 27	w booneville	e&ea	co rd 90

----- input.f84

sm1/ SMITH'S LONGSPUR

----- input.f84

snb/ SNOW BUNTING

snb/		10 20		E DATE 1	
snb/		10 27		E DATE 2	
snb/		10 29		E DATE 3	
snb/	2	11 02	co r	jf	
snb/	2	11 04	hickory gr lk	pm	story co
snb/	22	11 10	wright co	sd	
snb/	3	11 13	w wellsburg Grundy	mp	
snb/	6	11 19	dog cr	mb	
snb/	4	11 19	w gladbrook tama	mp	

----- input.f84

bbl/ BOBOLINK

bbl/	3	08 21	4 m nw washta	mb	winter pl
bbl/	8	09 02	hm	pm	l
bbl/	4	09 09	mk twain nwr	pp	mob
bbl/		10 10		L DATE 3	
bbl/		10 15		L DATE 2	
bbl/		11 25		L DATE 1	

----- input.f84

rwb/ RED-WINGED BLACKBIRD

----- input.f84

em1/ EASTERN MEADOWLARK

----- input.f84

wml/ WESTERN MEADOWLARK

----- input.f84

yhb/ YELLOW-HEADED BLACKBIRD

yhb/	1	08 11	coopers m	pm	story co
yhb/		10 19		L DATE 3	
yhb/		10 27		L DATE 2	
yhb/		11 11		L DATE 1	

----- input.f84

rub/ RUSTY BLACKBIRD

rub/		08 24		E DATE 1	
rub/		10 16		E DATE 2	
rub/		10 22		E DATE 3	
rub/	40	11 22	tieg's m stroy	sd	

----- input.f84

brb/ BREWER'S BLACKBIRD
 brb/ 09 13 E DATE 1
 brb/ 09 30 E DATE 2
 brb/ - 10 24 warren co jsc ID by call?
 brb/ 18 11 08 lamoni reg 4+11 jdj 2/3m1/3f
 ----- input.f84

gtg/ GREAT-TAILED GRACKLE
 gtg/ 2 08 04 riverton wa fremont jf no details
 ----- input.f84

cog/ COMMON GRACKLE
 cog/ - 10 24 warren co jsc
 ----- input.f84

bhc/ BROWN-HEADED COWBIRD
 bhc/ 2.5k 10 06 mills co blp
 bhc/ 3k 10 06 mills co tb,bpa
 ----- input.f84

oor/ ORCHARD ORIOLE
 oor/ 08 29 L DATE 3
 oor/ 09 06 L DATE 2
 oor/ 09 09 L DATE 1
 ----- input.f84

nor/ NORTHERN ORIOLE
 nor/ 1 08 26 fairfield dpo 1;balt
 nor/ 09 13 L DATE 3
 nor/ 1 09 13 ames pm 1
 nor/ 09 18 L DATE 2
 nor/ 09 27 L DATE 1
 ----- input.f84

rof/ ROSY FINCH
 ----- input.f84

pgb/ PINE GROSBEAK
 pgb/ 10 24 E DATE 1
 pgb/ 10 30 E DATE 2
 pgb/ 11 02 E DATE 3
 pgb/ 1 11 08 lamoni jb/jl imm m
 pgb/ 1 11 11 cass co lbp* f/imm
 ----- input.f84

puf/ PURPLE FINCH
 puf/ 0 -- -- fairfield dpo !
 puf/ 08 29 E DATE 1
 puf/ 09 01 E DATE 2
 puf/ 4 10 21 johnson jf
 ----- input.f84

hof/ HOUSE FINCH
 ----- input.f84

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rxb/          RED CROSSBILL
rxb/          08 02          E DATE 1
rxb/          08 10          E DATE 2
rxb/          08 16          E DATE 3
rxb/    2    11 03          y r sf          rkm
rxb/    2    11 03          yellow r sf allamak flm/bm
rxb/   10-   11 06          fairmont cem davenp pp -75 11/20
rxb/    5    11 06          liscomb marshall bp
rxb/    1    11 10          sweet m          rkm
rxb/   30    11 10          waterloo          rkm          -11/18
rxb/    1    11 11          davis/appan co line flm
rxb/   12    11 11          union marshall ph fide bp
rxb/    7    11 11          waterloo          bp
rxb/    8    11 12          greenwood cem musc gw
rxb/    2    11 16          greenwood cem musc td fide gw
rxb/    3    11 17          bangor cem nw marshall bp
rxb/   10    11 17          centerville res rc
rxb/    8    11 19          davenport          pp -11/21
rxb/    6    11 22          high amana cem jf          iowa co
rxb/    6    11 22          sioux ctr          jvd
rxb/    2    11 22          ui med ctr iowa cityjf          johnson
rxb/    6    11 24          big spirit lk dckinsn 5m1f 1f fide dh
----- input.f84

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wxw/          WHITE-WINGED CROSSBILL
wxw/          08 ??          E DATE 1
wxw/          10 26          E DATE 2
wxw/          10 28          E DATE 3
wxw/    2    11 11          e amana iowa co cb          1m,1f
wxw/    5    11 11          fairmont cem davenp pp;mlp,bb,cb,lal
wxw/    1    11 12          high amana iowa co cb          1f; e/1?
wxw/    1    11 18          union hardin hz
----- input.f84

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crp/          COMMON REDPOLL
crp/          10 15          E DATE 1
crp/          10 15          E DATE 3
crp/          10 23          E DATE 2
crp/    1    11 04          yellow r forest bp
crp/    6    11 08          8 m ne karrabee mb
crp/    1    11 13          union hardin mp
crp/    1    11 18          cherokee db
crp/    1    11 18          union hardin hz
crp/    1    11 18          union hardin co bp
----- input.f84

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hrp/          HOARY REDPOLL
----- input.f84

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psk/          PINE SISKIN
psk/    1    08 30          cherokee db          summered?
psk/          09 22          E DATE 1
psk/          09 23          E DATE 2
psk/   15    10 02          ames sd

```


psk/	2	10 11	ames	pm	f
psk/	5	10 19	ne mills	bw	
psk/	17	10 21	ames	emu	
psk/	-	10 22	warren co	jsc	
psk/	48	10 27	appanoose co	rc	
psk/	1	10 30	fairfld jeff	dpo	
psk/	1	10/14	davenport	pp;f;many	pr e pd
psk/	-	11 --	many	jf	numerous
psk/	2	11 02	ne mills	bw	bw
psk/	1	11 11	feeder iowa city	tjs	
psk/	35	11 14	co bluffs	bpa/tb	
psk/	20	11 14	council bluffs	tb,bpa	
psk/	30+	11 18	hh pk iowa city	tjs	cemetary
psk/	5	11 21	council bluffs -11/27	cfs	
psk/	36	11 22	cherokee	db	banded
psk/	300+	11 22	muscatine	rc	
psk/	-	11 22	sioux ctr	jvd	am nos arr
psk/	8	11 25	larchwood lyon	dh	
psk/	-	11 25	warren co	jsc	

----- input.f84

agf/ AMERICAN GOLDFINCH

----- input.f84

egb/ EVENING GROSBEAK

egb/		08 25		E DATE 1
egb/		09 08		E DATE 2
egb/		09 18		E DATE 3
egb/	3	10 30	siouxctr	jvd did not stay
egb/	1	11 10	bettendorf	leah levin fide pp
egb/	3	11 10	sweet m	rkm

----- input.f84

hos/ HOUSE SPARROW

----- input.f84