Field notebooks, 1980-1983: 11-14-82 to 1-26-83 then to 6-4-83

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First book by
James W. Eche
6207 Newman Rd
Fairfax, 22030

A from rooster
near flying
* first (see below)

11-14-82 Sun. 240 - 45°
fee & Rachel leave this
morning @ 9:40 AM

Cloudless & calm early;
then heavy overcast & 5
wind, 5-15 m/h.

F-8 Junco 30-40 Down
20+ White-throats 12-15 Crow
20+ House Finches 10-15 Flock
15-20+ Warbling 50-100 Flock
5-6 Bluebirds V 200+ Starlings
2 C. Geese (Feal) 6-8 House Finches
17-20 Geese
1 3-6 G. Geese
1 3-6 Snow Geese
2 Blue Jays
2-3 P. Finches
1 Chipping
1-2 Yellow- r. Wv.
4-5 Jame
1st Kestrel
2 Marsh Tackles (1A?)

* for Jim it would be last of
for ce it was seen
but not first of season
10-15 Cardinals  I Fish Crow
3-4 Mockers  I Meadowlark
2-3 Flickers  I Red-bellies
2 Downys

V Blackbirds very long at both boxes,

Five and Rachel called from Mission at 3:55 PM.
To almost to their first stop at Emory & Notary.

11-15-82 Mon., 40°-
Overcast; wind N, 10-30 mph

11-16-82 Tues, 19°-
Few wispy clouds in S. E.
Wind S, 5-20 mph
10-5
Januar
10-29 White-throats Weekly 100+ Crows
8 12 C. Waxwings 6 5 Jays
2 4 Bluebirds 4 Grackles
22 House Finches 4 Starlings
5 6 Robins 5-6 House Sparrows
10-25 Cardinals 2 Goldfinches
2 4 Mockers 2 Chickadees

1 Pil. Woodpecker 4 7 Finches
23 Flickers 2 Nuthatch
2 Red-bellies 1 Red-shoulder
2 Downys 1 TV

10-15 June
28 White-throats 15-20 Crows
20-30 House Finches 6-8 Jays
10 C. Waxwings 4 Grackles
3 4 Bluebirds 4 Starlings
10-15 Purple Finches 5 6 House Sparrows
20-30 Robins 4 Goldfinches
10-15 Cardinals (15) 2 Chickadees
4 Mockers 4 7 Finches
1 Pil. Woodpecker 1 Nutthatch
2 4 Flickers 1 Red-shoulder
2 Red-bellies
2 Downys

11-17-82 Wed. 25°
Overcast; 500, very light
foggy

11-18-82 Thurs. 36°
8-10 Junco 50+ Doves
20+ White-throats 20+ Crows
20+ House Finches 5-10 Jays
5-8 Blue jays 10+ Starlings
20+ Robins 5-6 House Sps.
10-15 Cardinals 4+ Goldfinches
4+ Mockers 2+ Chickadees
1+ F. Woodpecker 4+ Titmice
3-4 Flickers 7+ Nuthatches
2+ Red-bellies
3+ Downys

Juncos 50+ Doves
White-throats 20+ Crows
C. Warblings 20+ Streaked
Bluebirds 50+ Starlings
Purple Finches 10+ House Sps.
Robins 5-6 House Sps.
Cardinals 4+ Goldfinches
Mockers 2+ Chickadees
Flickers 7+ Nuthatches
Red-bellies
Downys

11-19-82 Win. 44°
Overcast; wind NE, 5-10 mph.
Rain, light drizzle 10:30 A.M., then
again 2:15 P.M.

11-20-82 Lat. 49°
Overcast, wind light variable.
Mostly NE.
Light drizzle about 8:30 A.M.
Juncos
White-throats (s)
Purple Finches
Horse Finches
C. Waxwings
Bluebirds
2-3 Yellow- r. Ws.
Robins
Cardinals
Mockers
Pil. Woodpecker
1 TV
Flickers
1-7 Sparrows
Red-bellies
Dowsgs

Doves
Crows
Jays
Grackles
Starlings
Horn Sp.
Goldfinches
Chickadees
Nuthatch

Juncos
White-throats
Purple Finches
Horse Finches
8 Red-wings
C. Waxwings
Bluebirds
Starlings
Horn Sp.
Goldfinches
Towhee
Robins
Cardinals
Mockers
Pil. Woodpecker
Flickers
Red-bellies
Dowsgs

11-21-32 Sun. 5:20 -
Dense fog; calm early;
fog lifting by 7:30 A.M.

11-22-32 Mon. 5:30 -
Light fog; calm early; overcast
much of day; one rain.
Light drizzle by 4:20 P.M.
8-10: Juncos, Doves
15-20: White-throated, Crow
20+: House Finches, Jay
5-6: Purple Finches, Grackles
15+: C. Warbling, Red-winged Stilts
40+: Robins
10-15: Cardinals
3rd: Mockers, Kona Sp.
2-3: Tchistchade, Istomice
2 Red-tailed Hawks
2 Downy
3-5: Bluejays, C. Wren
1: Juncos, Yellow-r. Ws.

11-25: 82 F., 44° -
Light fog, fine wind, heavy clouds in SE.
11-24-82 Wed. 59°
Light showers began 4:30 A.M.; wind N E 10-25 mph.

11-25-82 Thurs. 30°
Thanksgiving Day!
Cloudless & calm early.

Juncos
White-throats 6
Jowhees
House Finchers
Jacklins
C. Waxwings
Robins
Cardinals

70 Mockers
Red Woodpecker
Flickers
Red-tail
Downys

8-10 Juncos
30-40 Dovers
20+ White-throats
10-12 Crowns
30+ House Fincher 6-8 Jays
15+ C. Waxwings
4+ Jacklins
34 Bluebirds
30+ Starlings
20+ Robins
5-11 Honeyspr.
12-15 Cardinals
4+ Goldfinches
4-6 Mockers
2 Chickadees
1 Rd. Woodpecker
4 Nuthtaches
2-3 Flickers
2 Rd-tail
2 Downys
1 Sharp-shin

Am. Holly tree

15 Rock Dovers
11-26-82  Fri. 37°
Cloudless early, very light, variable breeze.

11-27-82  Sat. 43°
Cloudy; wind N, 5-10 mph, mostly sunny in a Annotation.

Juncos A  Doves A  60 Juncos  30-40 Doves
White-throats A  Crows  20+ White-throats & 12 Crows
House Finches A  Fish Crows  30+ House Finches & 12 Jays (11 A)

C Waywings  Grackle  30 C Waywings & 2 Chickadees
Bluebirds  Red-wing  5-6 Bluebirds & 8 Red-wings
Robins  10-15 Robins
Cardinals A  Starlings A  20 Starlings
Mockers A  House Sp.  16+ Cardinal  5-6 House Sp.
B-F Woodytcher  4-5 Mockers  3 GoldFinches
Bluejacks  1 B-F Woodytcher  Chickadees
Chickadees  2-3 Flickers  5-6 Juncos
Red-bellies A  2 Red-bellies  2 Nuttallers
Downys A  2-3 Downys  3 TVS  Effra

1 Red-shoulder

11-29-82 Mon. 43° - Rain ended some time after midnight. **Total = 2.1" rain**

- Overcast early then cloudy by 10:00 A.M. Mid SW, 5-6 mph. Then shifting to W, WSW, with clouds 30-40%. Down 5-6 inches.
- 20+ White-throats 8+ Crows
- 8+ L. Warwings 20-30+ House Finches 50+ Jays
- 3-4 Bluebirds 6
- 1 Robin
- 15+ Cardinals
- 3-5 Mockers 3 Chickadees
- 2+ Flickers
- 2 Red-bellies 2 Yellow-bellies
2 Brown, Red-should. 1 Purple Finches 1 Sharp-shin 7:30 am at feeder.

Nov 4: 3 Red Crossbills 20 Red-wings

11-28-82 45°

Intensely cloudless; occ. light, variable winds; partly cloudy in aft.

Janeva
White-throats
C. Warwings
Purple Finches
House Finches
Blackbirds

C. Snow (E)

Cardinal
Mockern
P. Woodpecker
Flickers
Red-tailie
Downy

Goldfinches
Chickadee
Titmies
Nutcrackers
Red-shoulder
cowher

After 5 weeks, Heidi's cast of the afternoon.

12-1-82 Wed. 50°

Full Blue Moon!
Rain began 6:00 A.M. - ended about 11:30 P.M. *Total=0.7*

Sowev
Crow
Joya
Greckles
Starlings
House Eos
3-4 Junco
20 White-throats
2-3 Purple Finches
3-4 House Finches
2-3 Warwings
2-3 Bluebirds
1-2 C. Warren
5 Cardinals
2-3 Chickadees
3-4 Moccars
2 Pil. Woodpeckers
2 Yellow-throats
2 Red-Tails
3 Downy

Jan 2-82 Thurs. 52°
Dense fog; calms; fog clearing by 9:00 A.M. - heavy
overcast all day.

Junco
White-throats
Purple Finches
House Finches
Warwings
Bluebirds
C. Warren
Pine Siskin
Goldfinches
Cardinals
Moccars
Pil. Woodpeckers
Yellow-throats
Red-Tails
Meadowlarks
Downy
2 Kingfishers

Jan 3-82 Fri. 55°
Fog; mist early; than sunny.

Temp. and 10 year record for this
date are

Handwritten notes and observations on birds and weather conditions.
Claire reports 30–40 Crows in Cotia field at Breddows today.

Junior White-throats
Purple Finches
House "
C. Warwings
Bluebirds
1–2 Robins
Cardinals (5)
Mockers
P.R. Woodpecker
Flickers
Red-bellies
Downings

Doves
Crow
House Finches
Jays
Harbingers
Goldfinches
House Sparrow
Golden-crowned C. Wren (6)
Robins
Cardinals
Mockers
Flickers
C. Tess (6)
Red-bellies
Kingfishers
Downings
Bluebirds
B. Galbs (5)
Towhee
Makonlina (5)

12–4–42 lat. 60°
Overcast; clearing by 16:00
A.M.; wind 5–10 mph.

Temp. record broken again today.
12-5-82 Sun., 61°
Overcast (about 2 min.),
sun at sun-up; wind
552, 10-25 mph.

Red-bellies

3 Downies

1/100+ H. Gulls to 11th. of Rd.
Sandhill about 7:20 A.M.,
then a scattering of small
flocks all morning.

200 + Herring Gulls 30-40 Dover
4-5 Juncos
10-17 Crosses
20+ White-Throats 8-10 Jage
3-4 Purple Finches 20+ Starlings
200+ House Finches 68 House Sp.
1520 L. Wayings

12-6-82 Mon., 67°

Partly cloudy, grunt 3 days,
occ. light variable breezes
Absolutely spectacular
sunset & afterglow!!

2-4 Bluebirds
2-3 Robins
2-3 Chickadees

2-3 Ev. Goshawks 12-30 A.M. Dover
5-12 Crosses
8-10 Jages
1020 Cardinals
2-3 Finches
2-3 Night Herons
20+ White-Throats 20+ Starlings
3-4 Purple Finches 6-10 House Sparrows

203 Thrashers
30+ House Finches
1 C. Wren (5)
1 Junco
46 Junco
20+ White-throated Sparrow
8-12 Crow
30+ House Finches
2 Fish Crow
3 Chickadees
3-2 Robins
1 Shoveler
15+ C. Wren
15+ C. Wren (5)
15+ C. Wren (5)
6-10 House Saps.
15-20 Cardinals
1 Fish Crow
4 Mockers
45 Goldfinches
2-3 Flickers
3 Chickadees
2 Red Sells
5 Finsies
3 Downy
2 Nutthatch

Note: At about 3:30 P.M.
perhaps 2-3 Skuas Gulls at
W. 67th Road Shenfield

12-7-42 Tues., 41°
Sunny all day; wind N.W.
in A.M. 7.5-15 mph.
Blowing day.
12-9-82 Wed. 29°
Cloudless & calm early,
occ. fogs in aft.
Great day!

12-9-82 Thu. 32°
Overcast, then clearing &
beautiful, but a cold W
wind 10-15 mph.

3-4 Purple Finches 30+ Dover
3-5 Juncoes 8-12 Crows
20+ White-throats 6-10 Jags
30+ House Finches 2 Red-wings
40+ Bluebirds 6-10 House Sps.
15-20 Cardinals 1 C. Wren
4 Mocksers 4 Goldfinches
1 pi. Woodpecker 2-3 Chickadees
1-3 Flickers 5 Juncos
2 Red-bellies 2 Nuthatchers
3 Dowues 4 Herring Gulls
5" Sharp-shin
3 Downys

12-10-32 Fri. 14°F.
Cloudless, calm, cold.
Rain began in night
continuing

1 Eve. Foxbark 7 1/2
Purple Flicker Crowe
Sawos
White-throats
House Finches
C. Warovers
Bluebirds
Cardinals
Mockers
Flickers
Red-bellies
Downys

12-11-32 Sat. 36°F.
Light rain continuing
ending about 5:00 P.M.

N. 200 f. Crowe in field at Graddock & Rolheister

10-12-30
3-4 Purple Finches 30-40 Dover
24 Sawos 10-12 Crow
28 House Finches 1 Cowbird
10-15 C. Warovers
20-12 White-throats
8-12 Jays
12-17 C. Warovers
6-10 House Spar
4 Mockers 1 C. War
2-3 Flickers
5 Goldfinches
2 Red-bellies 3 Chickadees
3 Downz 4 5 Titmice
2 Nuthatches
2 Towhees [2]

Purple Finches
Robin
Cardinals
Mockers
Flickers
Red-bellies
Nuthatches
Towhees [2]

12-12-82 Sun. 24°
Snow began sometime
after 1:30 A.M. - about
5" by 7:00 A.M. - falling
Snow continuing, swirling
in ½ length. S cardinal ending
about 10:00 A.M. - then clouds
- bright sun - some thawing.

Juncos
White-throats (3)
Dovca
House Finches
Jays
C. Warnhing 6 Red-wings

Juneos
White-throats
Jungs
House Finches
Jays

12-13-82 Mon. 14°
Cloudless & calm early;
12-14-52 Tues. 141°
Cloudless & calm; scattered small clouds; in aft. fut calm. glorious day!

3-4 Juneos 30+ Doves
25+ White-throats 8-10 Crows
20+ House Finches 17-15 Jays 100
15+ C. Waxwings (8+) 50+ Starlings
2 Towhees (4) 9-10 House Sps.
6 Mockers 6 Goldfinches

2-3 Flickers 2-3 Chickadees
20+ Cardinals 5 Fittmice
4 Red-bellies 2 Nuthatches
3 Downys 1 Rd. shoulder
1 Grackle

12-15-52 Wed. 27°
Cloudy & calm early;

Juneos
White-throats
Crows
Jays
C. Waxwings
Goldfinches
Mockers
Chickadees
Fittmice
Flickers
Red-bellies
Downy
Yellow-r.w.

12-16-87 Thurs. 58° -
Drizzle continued thru night.

12-17-87 Fri. 48° -
Overcast; bit of sun by
11:00 A.M. - Clear in aft.
Wind N, 10-25 m.p.h. all day.

TOTAL RAIN = 1.07

3-5 Juncos
20 White-throats
Crowe
15 House Finches
C. Warwings
Scarlet
Mockers
Cardinals
Goldfinches

P.I. Woodpecker
Nuthatch
Red-shoulder
Red-bellies
Christmas Count Day

3 Downy
2 Red-breasted
1 Yellow-bellied
4 Herring Gull

12-18-82 Sat. 20° – 37°
Cloudless & calm; oce.
ligh bugs;

12-19-82 Sun. 18°
Partly cloudy & calm;
then overcast; snow began
about 1:30 – sticking on
drive about 2:00 p.m.

1 Yellow-rumped 30-40 Doves
1 Bluebird 6-10 Crow
1 Forster 12-15 Jays
3-5 Juvenes
20+ White-throated 6-10 House Sp.
15+ C. Waxwings
6 Goldfinches
3-1/2 Purple Finches
2-3 Chipping
3-4 Purple Finches
5 Juncos
20+ Cardinals
2 Red-breasted
4 Mornres
2-3 Flickers

20+ White-throated 3-4 Starlings
12-15 House Finches
4 Juncos
5 Goldfinches
2-3 Chipping
2-3 House Finches
2-3 Goldfinches
1-2+ C. Waxwings
2-3 Chipping
1 Bluebird
5 Juncos
20+ Cardinals
1 Red-breasted
3 Bluejays
2-3 Goldfinches
1 Red-shanked
A visit to 8:30 A.M. - 11:00 A.M.
- Daisies from Mrs. Arg. Shopping

2-3 Flickers
2 Red-bellies
3 Downys

12-20-82 Mon. 130
Overcast, mostly cloudy. Much 57° dry, wind N, 6-15 mph. in aft.

January
White-throats
House Finches
C. Waxwings
Cardinals
Moochers
Flickers
Red-bellies
Downys

Dover
Jays
Stoatlings
House Spar.
8 Gold-finches
Chickadees
Timice
Nuthatchers

SKYWATCH

One of an occasional series to keep you looking up, with information from the U.S. Naval Observatory.

Set your clock for 4:50 tomorrow morning and gaze westward if you want to catch a total lunar eclipse that astronomers predict will be spectacularly colorful. (If you're

4-5 Herring Gulls

Winter Solstice 1-3, 1983
SKYWATCH

One of an occasional series to keep you looking up, with information from the U.S. Naval Observatory.

Set your clock for 4:50 tomorrow morning and gaze westward if you want to catch a total lunar eclipse that astronomers predict will be spectacularly colorful. (If you're tempted to sleep through it, be aware that the next TLE won't be visible here until 1989.) The lunar light show begins at 4:50 a.m. EST when the moon will begin to enter full shadow. “Totality”—as the scientists say—will begin at 5:58 EST and will last until 6:59 EST. The moon will leave the shadow of the Earth at 8:07 a.m., but since it will set here at 7:35 a.m. EST, the final stages won't be visible in this area.

The moon never completely disappears during a TLE because the sun's rays bend and refract as they pass through the Earth's atmosphere. This causes the moon to appear variously colored. The colors could be particularly spectacular this year, as the result of volcanic ash in the atmosphere, courtesy of Mount St. Helens in Washington State, El Chichon in Mexico and perhaps Galunggung in Indonesia.
for Keyboard, happen to be older (average age: 36 compared to 26 for the other two magazines). Almost half the GP and Keyboard readers are "people struggling to make careers in music."

When he first came to GP as an assistant editor in 1970, Crockett spent a year learning how to play guitar "so that I knew something about the mechanics involved. And I spent five years reading every available book about the guitar—history, performance, maintenance. I'm probably one of the world's truly great authorities on the instrument ... but God forbid you should put one in my hands."

Married

Elmira, N.Y., the marriage of Hart Charles Argetinger of the yesterday in are the bride's Community College, L. Warner, of Warner, Washington. Her father is in Elmira and Hart Museum.
2-3 Flickers
7 Red-bellies
5 Downy

12-20-82 Mon. 18°
Overcast, mostly cloudy, fall
6:47 a.m.; wind N, 5-15 mph.

12-21-82 Tues. 34°
Sue and Rachel are due back today!!
Partly cloudy all day;
wind N, 5-15 mph.

They are here—6:17 p.m.!!

Purple Finches
Doves
Owls
Jays
White-throats
Blackbirds
House Finches
Cardinals
Mockers
Yellow-rumped
Flickers
Chickadees

Winter Solstice 7/3/82
P.R.
12-22-82 Wed. 30° -
Cloudless & calm; few wispy
clouds after 4:30 P.M.

12-23-82 Thurs. 38° -
Light drizzle began 7:05 A.M.
interm. 58:35 A.M.

Yellow-r. w.
Jenuse
White-throats
Purple Finches
House Finches
C. Warwings
C. Warwings
Cardinals
Mockers
Red. Woodpecker
Flickers
Red-bellies
Downys

Doves (5)
Crows
Jenuse
White-throats
Purple Finches
Fishcrow
Crows
Mockers
Goldfinch
Chickadee

Red-throats
Purple Finches
Northatchers
Flickers
Red-bellies
Bluebird

Red-shoulder
12-24-82  Fri. 36°  
Cloudless & calm;

12-25-82  Sat. 55°  
Christmas Day with 
Sue & Rachel here! 
Mass early; overcast by 
10:00 A.M.; Wind 3, 10-25 mph.

3½ Bluebirds  Doves
Jonah  Crows
Purple Finches  Jays
Juncos  Starlings
White-throats  House Sps.

30+ House Finches  C. Wren (5)
Goldfinches  House Finches
Cardinals  Cardinals
Mockers  Mockers
Pil. Woodpecker  C. Wren (5)
Mockers  Pil. Woodpecker
Flickers  White-throats
Red-bellies  Red-bellies
1 Red-shoulder  1 Sharp-shin

Dowags

Herring Gulls
12-26-92 Sun. 56°
Cloudy; light showers last night (trace of rain)

12-27-92 Mon. 47°
Luc leaves today-left at 12:00 A.M.

Dripping began before dawn- cont. to 8:00-8:10. Then opencast-occ. faint pm- total = 0.1 "

Trees

Fortune
Bluebirds
Purple Finches
Juncos (5)
White-throats (5)
House Finches
Cardinals
Mockers
P.L. Woodpecker
Flickers
Red-bellies
2 Red-shoulders

12-28-92 Tues. 45°

Purple Finches 45-50
Juncos
White-throats (5)
House Finches
Cardinals
Mockers
P.L. Woodpecker
Flickers
Red-bellies
2 Red-shoulders

12-29-92 Wed. 42°

Mockers • Knight Sharp-shin
C. Warming 2
3 Downys: Sharp-shin  
3 Downys: Sharp-shin  
1 Fish Crow  
1 Herring Gulls

12-28-92 Tues. 48°
Dense fog lifting by about
10:00 A.M., then heavy clouds -
occ. bit of sun; wind in aft.,
5-10-30 mph.

Junesse  
Doves  
Yellow-r. Wh.  
Doves
White-throats  
Crows  
Purple Finches  
Doves
House Finches  
Jays  
Junesse  
White-throats  
Finches  
Crows
Fowkies  
Starlings  
Standingis  
Johnson
C. Warburgs  
House Sp's.  
Standingis  
Goldsprings
Cardinals  
C. Wags  
C. Warburgs  
Goldfinches
Mockers  
Goldsprings  
Chickadees
2 Pk. Woodpeckers  
Mockers  
2 Pk. Woodpeckers  
2 Pk. Woodpeckers  

d. Sikes
Red-tailed Foshee
Dougs

12-30-52
Thom 280
Occ. all day, with occ. bit of sun; occ. light, variable breeze.

Primrose
2 Eve. Grosbeaks 7 D 8:12 Crowes
1 Foshee 10:12 Crowes
45 Juncos 12:15 Jays
20 White-throats 20 Starlings
15 C. Waxwings 9-10 House Eqs.
30 House Foshees 5-6 Goldfinches
2-3 Bluebirds
3 Chickadees
2-3 Purple Foshee 5 Titmice
20-30 Cardinals 2 Wren'thatchers
4 Mockers
4 Champlin
7 Cil. Woodpeckers
3Ch. 50 yr.
<table>
<thead>
<tr>
<th>Date</th>
<th>Events</th>
<th>Species</th>
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<td>12-31-82</td>
<td>Eve. Grosbeaks</td>
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<td>12-31-82</td>
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<td>White-throats</td>
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<td>Jays</td>
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<td>House Finches</td>
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<td>C. Waxwings</td>
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<td>Bluebirds</td>
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<td>Cardinals</td>
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<td>Mochers</td>
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<td>1-2-83</td>
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<td>Doves (3)</td>
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<td>Jays</td>
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<td>House Sp.</td>
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<td>Goldfinches</td>
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<td>Chickadees</td>
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<td>Nuttahhats</td>
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<td>1-2-83</td>
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<td>Flickers</td>
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<td>Red-telious</td>
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<td>Downys</td>
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<tr>
<td>1-2-83</td>
<td></td>
<td>Red-shoulder</td>
</tr>
</tbody>
</table>
1-2-83 Jan. 30° -
Overcast, one peak of sun

1-3-83 Mon. 34° -
Few scattered clouds early; wind 5, 10-15 mph; cloudsier and almost calm in afternoon.

Purple Finches
Junco
White-throated
House Finches
Zonker
A. Watkings
Cardinal
Mockers
2 Related Woodpecker
Flickers
Red-kelies
Downys

Doves (3)
Crow
Jay
Herringg
Goldfinches
Oxkeadas
30+ House Finches
12-15 Jay

12 Purple Finches 10-5 Doves.
3-5 Junco
20th White-throated 1 Fish Crow
15-30 C. Watkings 8-10 Starling
1 Blue jay & B 8-10 House Spz.
20+ Cardinals 4-6 Goldfinches
4 Mockers 3 Oxkeadas

2 Red-sholder
2 Red-kelies
1 Red-sholder

Herringg
1-4-82 Tues. 230
Cloudless,

15-5-82 Wed. 32°
Light, freezing rain begins before 7:00 AM.

Junco
White-throats
House Finches
O. Waxwings
Cardinals
Mockers
Red-Woodpeckers
12 Flickers
Red-Polka
Downys
1 M. Gull

**Note:**
- Song sparrow heard 1:15. 1:30.
- I heard the winter wren singing in the morning.
- 1:00 p.m. I heard the tree swallow.
Jan 7-6-82 Thurs. 30° -
Partly cloudy,

Deland

Jan 7-7-82 Fri. 23°
Away 8:50 A.M. to 3:30 P.M.
Fairfax Hosp. Outpatient for blood transfusion.

Jan 8-82 Sat. 35°
Mostly sunny to off, thin
mostly cloudy. Dec. breeze.
Nice day.

Jan 19-82 Mon.
Dose 5 every day.

Jan 19-82 Mon.
A bad day! "Disease is progressing" - "no point in continuing present chemo" - "no promise"
Junco △
White-throats △
House Finches △
7th C. Waxwings △
Cardinals
Mockers
Flickers
Red-bellies
Downs
Doves △
Crows 2△
Jays △
Starlings
House Sp 1△
Goldfinches △
Chickadees △
Nuthatches
Red-shoulder

Jan 9-83 Sunny 35°
Heavyonestormat9pm

Jan 10
12-10-83 Mon 4°
Lightshowersbeganlast
night, continuing; frisk
at times.
June—
White-throats
Purple Finches
House Finches
C. Warbling
Cardinals
Mockingbird
Red-tails

Doves
Crows
Jay
Sparrows
Goldfinches
Chickadees
Nuthatches

All of every-day birds, plus one Red-shoulder.

Jan 7

2-17-93 Wed. 39° —
Mostly sunny, but wind NNE, 15-40 mph. (gusty) until late aft.; then abating. All 8 every-day birds, plus one TV.

1 Starling Δ!

Jan 13

12-13-93 Thurs. 24° — Cloudless;

Jan 14

12-14-92 Fri. 25-45°
Blood Trumpet

Jan 11
4 Downy in maple. 1 Red-shoulder

1-11-92 Tues. 45° —
Light, intermittent showers & spatter cont. to about 3:30 P.M. Total = 0.7".

Sun out in late aft.; a glorious day there.

Jan 12

2-17-93 Wed. 39° —
Mostly sunny, but wind NNE, 15-40 mph. (gusty) until late aft.; then abating. All 8 every-day birds, plus one TV.

1 Starling Δ!

Jan 13

12-13-93 Thurs. 24° — Cloudless;

Jan 14

12-14-92 Fri. 25-45°
Blood Trumpet
1-15-82 Sat. 32°
Dacor; frosty, flakes 3
Snow at 5:20 AM.

1-20-83 Here, 15°
Cloudy, wind NNW 15-20
mph.

1-21-83 Fri.
Cloudy; calling for tomor-
row's breakfast.

1-21-83 Sat., 26°
Last entry

1-16-82 Sun. 32°

1-17-82 Mon. 26°
Sue & Rachel arrived.
So great! About 6:00 PM.
Bluebirds, etc.

1-18-83 Tues. 26°

1-19-83 Wed. 19°
Wind 1. Carolina Home on
Chi., Ribb, first time in

1-21-83 Mon. 26°
First snow fell. 2:30-3 PM
12 out still shines in triangle
plus daddies
1-23-83  snow  high 34°  about 1 inches of rain fell  4:30  50-60 dead housewings plus dailies  9pm gray fox at 3 years 5high
1-24-83  39° - Dublin  1-25-83  33° - Sorum  1-26-83  36° - Muncie  2-3-83 124/64  79.2 8k-Nurse
2-14-83  snow piled high on both sides of driveway.
    Totaled 10Cardinals  20 White Thr. 1 Sterling 789
    Tatum  Goodfellow
    Jones  House friends  Mochews  Downey
2-26 Sat Cold
    Tottet
   云
    Usual clarity
    My dearly beloved-
    I'LL keep trying to
    get a good list. I am
    feeding the birds well.
    6-4-83 I miss you
    Tessie

Jim said to add Kim
1-25-83 Tues 812 5 AM
3-11-83 Fri
No sun all week
Everything wet!
Daffodils 6 & 8" no bloom yet
All in Δ (dibs)
12-15 JAY
2 Red Billes & 82
2 Downy
1 Finch
White Throats
Goldfinches
Cardinals
Junes
1 Dove
Fighting
Chickadees
2 Crows
Grackles
2 Bees 8 ½

Thousands of earthworms on
drive one way to
mailbox
3-12-83 Saturday
Windy
Sun 9:30
- Towhee @ 3
- White Throats
- 12+ Jays
- 6 Goldfinches
- 6 House Finches
- 2-3 Downy
- 2 Redbelly
- 12+ Cardinals
- Doves
- Crows
- 3-5 Eng Sparrows
- Junicos
- Tufted
- Chickadees
- Grackles
- Cedar Way wings

3-13-83
Still very windy
Many leaves blown off trees. Sunny-

- Cardinals
- Jays
- White Throats
- 12+ Funchees
- Goldfinches
- Tufted
- Chickadees
- 3-4 Downy
- Grackles
- Junicos
- 2 Redbelly
- 2 MacKings
- Crow
- Doves
- Grackles
- Eng Sparrows
3-14-83

Up to 70° today (forecast) Sunny til 2 then drizzle

Goldfinches
Grackles
Cardinals and a bald one
Juncos
Jays
Chickadees
White-throats
2 Red-belly Doves
Titmice

2 Downy Towhees
2 Bluebirds on wire

3-15-83

Sunny just right day! Returned

Jays and robins
Titmice
Goldfinches
White-throats
House Finches
4 Doves

Juncos
Grosbeaks
Crow

Sharp-shinned Hike
Starlings - flock
3-16-83  Sunny Cool
Squirrel at water
Junco
Cardinals
Grackles
Chickadees
Goldfinches
Doves
White Throats
2 Song Sparrow
Bluebird at water
3 Eng Sp.
5 Jay
5 Downy Woodpecker
Red-bellied Woodpecker
Horse Finch
Titmouse
Crows
Mockingbird
Robin

3-17-83  Overcast Cool
Cardinals
White Throats
Goldfinches
Grackles
Jays
Sieves
House Finches
Sparrow
Eng Sp.
2 Downy Woodpecker
Purple Finch
Crow
Sharp-shinned Hawk
Red-bellied

Yellow-crowned Night-Heron
3-18-83 Saturday
Rain last night & all day today. Snow off & 1/4 in. 6:30-8

Flicker, front yard
Cardinals
Titmice
Checkaeee

3-19-83 Saturday
Rained off & on overnight
7:30 somewhere - White clouds - Windy
Friends with 3 chickens - Corn flakes

Dove
Titmice

2 Red belly 3 ♀

20 Cardinals one creesd

12 Jays

2 Dory

TV

12 + White Throats

4 goldfinches, feeble

Eng saja

Crowe

1 Cornbird only

6 goldfinches
White Crown ♀

Red belly
3-20-83 Sunday
7:30 AM Sunny - pleasantly cool (no jacket)
Grackles    Started
Jays        Cleaning
Cardinals   R's tern.
Goldfinches
Dove
House sp
White throats
House finches
Song sp
D sp
Chipping sp?
Juncos
Red belly

3-21-83 8:30 am out
7:30 Rain again. Coolest feeling.
80/84 humidity.

Jays
1st Cardinals
2 Juncos
1 White Thr
2 Eng sp
5 Goldfinches
1 W Hokes Finches
4 Talman
2 Chickadees
1 Founding
2 Juncos
1 Grackle
1 Dove
2 Red belly sp.
3-22-83

Cardinals
Goldfinches
Doves
3 Titmice
Gackles
12 Jays
White-throats
House Finches

3-23-83

Sunny cold
1 Cardinals
8 Goldfinches
23 Dove
23 Titmice
27 Titmice

3-24-83

Song sp.
Jays
Doves
Cardinals
Goldfinches
Juncos
7 Grackle
Mockingbird
Downs
House sparrows
White Throats
Titmice
Chuckadees

3-25-83

fl. Starlings
Downs
Mockingbird
Sparrows
Pinch

3-25-83  AQI 50
FRIDAY WINDY TEMPERATURE 50°-29°

Red belly
Mockingbird

3-26-83  SUNNY

SATURDAY

AQI 45
WIND 54°-29°

Juno
Goldfinches
Grackles
Cardinals
Jay
Chickadees
Titmouse
Goldfinches
House finches

3-27-83  SUNNY

RAINFALL

AQI 30°
WIND 55°-41°

Donny
Red belly
Juno

Jay
Chickadees
Titmouse
Goldfinches
House finches

Crow
Red belly
Mocker
Donny

Field sp
Grackle
White thro
3-28-83
Monday
AQI 125 57-45°
Rained all night...still raining...
6 Goldfinches
4 Chickadees
4 Titmice
12 Cardinals
12 Doves
8 White Thrs.
3 Downy 8°
8+ House Finches
1 Song sp.
6 Eng sps
Red belly 8
2 Jays
No Junco

3-29-83
Sunny cook
AQI 35 54-38°
1 TV
6 Goldfinches
3 Titmice
4 Chickadee
1 Jay
Red bell 73

3-30-83
Wednesday
AQI 281 35°
47°-29°
47°-37°
Mocker
Cardinals 8 Down
Doves
Goldfinches
11 Wh. Thurs
Chickadees
Jay
Grackles
Goldfinches
Eng sps

3-31-83
Thursday
Sunny cook
AQI 141 35°
Mocker
Cardinals
8 Down
Doves
Goldfinches
11 Wh. Thurs
Chickadees
Jay
Grackles
Goldfinches
Eng sps

TV
Eng sps

No Junco
April 1-1983

Friday
Sunny
Temp 80
Humidity 30%

April 2 & 3
Hurricane
Si. 9:30 AM +
Si. 9:30 PM 33

April 4-1983

Monday Sunny
Temp 68-75
Humidity 45%

Cardinals
Two Junes

Jays
Tree Finches 12+

50 Grackles
Purple Finch

Donny
Red Wing

April 5-1983

Rain again
2:30 PM 70

April 6-1983

Rainy, wet
All day. Age 30

53-49

April 7-1983

Grazzles
Jays
Downs

Dove Finches
Cardinals

Jays
White Thro.

Purple Th?

2 Junes
Mocker

Red Belly ?

Chickadees

June
Red Belly ?

Eng Eyes

Titmice

Long sp.
Long sp.

* Fuzzy Headed
* Getting yellow
4-7-83 there
Raining again!
57°-50°

4-8-83 Fri
Still rainy
2 Deer Wood

4-9-83 Sat
Still rainy

April 10 '83 Sun.
Rained until 7 AM
Sunny for noon

Juncos
White Thr
Cardinals

12 House Finches
Chickadees

Red Throats

12 Cardinals

Goldfinches

Red bellies

Downy

House finches

White Throats

Downy

Eng Spgs

Jays

House spgs

Eng Spgs

Crows

4 Downy

Jays

Gadflies

Rivers

Juncos

Red bellies

Titmouse

Chickadees

100 Steelwings

Also the

Faltering one

I was gone from
7:30 to 11- my l.
eye was failing
me all day -

visited a lot.
April 11 '83
Trained early am
St. 25.56 45 61 42
Sunny by 7
Purple 78
30 Cardinals
White ths
Goldfinch
Dove

April 12 '83
Sunny cool
AQ 1735
62 41
10 White ths
Mocker
Dove

April 13 '83
WD.
AQ 1735
64 41
3 Chickadee

April 14 '83
WD.
AQ 1735
64 41
Goldfinch

Jay
Goldfinch

Grouse

Chickadee

Red belly 8

30 Cardinals

White Ths

Mocker

Red bell

Titmouse

Crow

Mocker

Flicker

Handle Bar

Yellow
<table>
<thead>
<tr>
<th>Date</th>
<th>Weather</th>
<th>Temperature</th>
<th>Birds</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>April 15, 1983</td>
<td>Rainy</td>
<td></td>
<td>2 Red Bellies</td>
<td></td>
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<tr>
<td>4-17</td>
<td></td>
<td>63°-51°</td>
<td>3 Downy Girls</td>
<td></td>
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<tr>
<td>4-18, 1983</td>
<td>Monday</td>
<td>49°-34°</td>
<td>20 Goldfinches</td>
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<tr>
<td>4-19, 1983</td>
<td>Tuesday</td>
<td>46°-34°</td>
<td>White Thits</td>
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<tr>
<td>Sunday 4/17</td>
<td>Sunny</td>
<td></td>
<td>Chickadees</td>
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<td>3-4 Downy</td>
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<td>58°-36°</td>
<td>Daffodils in</td>
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<td>15 Grackles</td>
<td></td>
<td>bloom</td>
<td>First bloom</td>
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<td>8 Doves</td>
<td></td>
<td></td>
<td>about 4/1</td>
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<tr>
<td>Cardinals</td>
<td></td>
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<td>Our seem later</td>
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<tr>
<td>Jays</td>
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<td>than friends.</td>
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<td>Whitths</td>
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<tr>
<td>2 Goldfinches</td>
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<tr>
<td>2 Grackles</td>
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<tr>
<td>2 Bluebirds</td>
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<tr>
<td>4 Chickadees</td>
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<td>House F.</td>
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<tr>
<td>Titmice</td>
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</tbody>
</table>
April 20, 1983
Wednesday
Cold

April 21, 1983
Thursday
Cold Sunny
day 50°
63-33°

Chickadees
Tits
Doves
Jays

April 22, 1983
Soled Sunny
gap 60
68-41

Titmouse
Chickadee
Goldfinches
White Throats
House Finches

Cardinals
Eng Sp

3-4 Doves
2 Red bellies

Mockingbirds

*The birds are very shy at feeder

Great tie Cardinals
Strange downy bushy
beaked long bill
Jim said not a hairy
Sunday Apr 17 '83            Monday Apr 20 '83
Raining E.D.T.            Never,            60° 30'
3:25 p.m.                52-41°
53-46°

20-30 White Throats          White Throats
10 Goldfinches               Goldfinches
Jays                       Jays
Cardinals                  Cardinals

6 Doves                    Doves
3 Downys                   Downys
2 Red-belly 8 & Half        Red-belly 8
House Finches               Chickadee
Titmouse                   Titmouse
Graeckles                  Graeckles
Eng. sps                    Eng. sps

"Heidi left for the day         Full Moon!"
April 24, 1983
Sunny, warm
22°; 35°; 82-57
Regular
Tit on Heidi
Sat 4/30/83
agi 55; 79-67
Goldfinches
Cardinals
Chickadees
White Throats
Chips
Titmouse
Grackles
Doves
Jays

May 1, 1983
Sunday
Sunny; 72-1V
agi 55; 82-66
Church today
No birds 7:00

Doves
Cardinals
Grackles
Goldfinches
Red Bells
Downy
Doves
Goldfinches

May 2, 1983
agi 40; 82-68

Trees in field
Saw Robin

March 3, 1983
White Throats
Chips
Doves

May 4, 1983
5:4-83
89-53

East wind
Great Tits

Grackles
Cardinals
Doves

Jays

Whitethroats

Tits

Goldfinches

Thrushes

Jays

Doves

Robins

Chickadees

Flickers

Barn Owls

Whitethroats
May 5 '83  
9 AM at 61' 55'  
73-480  

House Finch  
Titmice  
Cardinals  
Jays  
Goldfinches  
Chickadees  
3-5 Downy  
Sparrows  
Doves  
Field sp.  
Robins  
Redbells  
Wrens  
Bluebirds  
Eng sps  

May 6, '83  
5:30 AM at 71-460 5-5'  

Mockingbird  
House Finch  
Titmice  
Cardinals  
Jays  
Goldfinches  
Chickadees  
Downy  
Sparrows  
Doves  
Long sp.  
Robins  
Redbells  
Wrens  
Bluebirds  
Eng sps  

Jonquils all thru April  
Lilacs end of April  

dianthus and Azaleas  
about May  
Snowball  
Starting to bloom  
Poppies before  

Dogwood May  
Redbud  
Columbine  

The purple Azaleas turn wetmore  
spread dramatically.
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<tbody>
<tr>
<td>Saturday</td>
<td>Mother's Day</td>
<td>Sunday</td>
<td></td>
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<tr>
<td>Core Sunning</td>
<td>Rainy</td>
<td>Costa Sunning</td>
<td>Costa Sunning</td>
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<tr>
<td>97°F 24/34</td>
<td>74°F</td>
<td>74°F 64/45</td>
<td>71°F 43</td>
</tr>
<tr>
<td>House Finch, H &amp; D, Moony</td>
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<tr>
<td>Cardinals, 6 Goldfinches, Doves</td>
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<tr>
<td>Goldfinches, Grackles, 2 Starlings, Cardinals</td>
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<tr>
<td>Redbelly, Chickadee, Jays, T. Chickadee</td>
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<tr>
<td>Jays, T. Chickadee, Bluebirds, P. Chickadee</td>
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</tr>
<tr>
<td>Crows, Robins, Bluebirds, H'mtch</td>
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<tr>
<td>Muskrat, H'mtch, Crows, 4 Doves</td>
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<tr>
<td>No hatch Thr</td>
<td>Bushy Red</td>
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<tr>
<td>4 eggs</td>
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</tbody>
</table>
May 11 - 1983
Wednesday
Crew 35.7 4-48
Goldfinches
Chickadees
Titmice

May 12 '83
Kate Vernon 7/14
Crew Sunny
AQ 140
24-48°
Cardinals
Geese
Grockles

May 13 '83 Fri.
Sunny 60° 55
78-58°
gone most of day
Redbelly
Cardinals

May 14 '83 Sat.
AQ 140, 81-58°

7 Grospikes
8 Doves

Jane

May 15 '83 Sun.
Rained in P.M.
AQ 130 86-68°

Donny
Robin
Cardinals
Mocking

Donny
Chickadee
Titmice
Catbird
Grocks

Donny
Redbelly

Donny
Hairy
House Finch

V Brooks RD
ME ETO

V Brooks RD
ME ETO
Thu May 18, 1983
Wed 5/18/83
Sunny 72-49°

Downy
Cardinals
Wrens

Golden Finch
Tinny Finch
Wrens
Bluebirds
Grackles
Robins

5-20-83
Catbird
Cardinals
Robins

5-21-83
Sat
Catbird

Note:
Cool spring pool accounts for abundance of blooms most lack lasting nectar

Jay
Downy

House Finch
Bluebirds

Jay
Downy

Wrens

Chickadees

Red Bellies

Red Bellies

Goldfinches

8 Goldfinches

Downy Feud

Red Bellies

Goldfinches

Tinny Finch

Wrens

Bluebirds

Catbird

Grackles

Robins

Chickadees

Towhees
5-23-83 Sun Crow 1 Grackle 1 Thrasher 1 Peewee

71-64 4 Downy

5-22-83 Rain 1/12" 5 Goldfinch

4 Cardinals 6 goldfinch

2 Chicks 3 Peach

Red Belly

Chickadee

Robins

48 sp last night

4/23-83 Monday

5 early am 6:40 Planted Impatiens + Petunias

Red Belly 2# 15 Gold

Flicker

Catbird 2 Mornrs

Bluebird

7:30PM

Fox 5:30PM

5-24-83 Tues 2 Checked

5-26-83 Thu Girls come 1 cast AQ 1.55

Dowms 50-59

Red Belly

Cardinals

Tatmice

Heidi caught young chpnm.

5-25-83 Weds 4 Goldfinch

Col AQ 1.55

75-58

Cardinal

Goldfinch

Dove

Downy

Chickadee

Chickadee

Dove

Chicks

4 House Finch

No sparrows 7-11/27-83

F 75-85 59°-46°

4 little Bluebirds

House Finch

2 Thrashers

Oriole

2 Grackles

2 Barn Swallows
5-28-83 Sat
27°F 81% 0 81°F 0 28°F 0
24°F 0 10°F 0 2°F 0

5-29-83 Sun.
Rained all day
70% 70°F 0 60°F 0

5-30-83 Mon.
Dark Tany 72°F 0 60°F 0
Bluebird

May 30 '83

May 31-1983

June 2-1983

5-31 '83 Tues.
75% 75°F 0 65°F 0
All the reg.+
Thrushes

Morchard

Sterling

Dove

Goldfinch

Thrushes

Morches

Cardinals

June 1-1983

Cloudy Am
72% 72°F 0 62°F 0

June 3 '83

Cloudy Am
79% 79°F 0 69°F 0

June 4 '83

Doves

Song sp
Cardinals

Chickadee

Mothatch

Chickadee

Chickadee

Thrushes

Goldfinch

Phoebe

Bob White

P. Martin

Titmouse

Thrushes

Chickadees

Bluebirds

Grackles

Crows

Cardinals

Singsp

Doves

Red Kelly

Thrushes

P. Martin

Bob White

House Finch

Bob White

House Finch
1-25-83  132/74  Pulse 80
1-31-83  130/68  Pulse 84
2-3-83   124/64

2-7-83 room 90/46
2-8-83  8:25 AM To heven