

Hallmark Field, ~~W~~ N of Peterson Road beyond Yorkshire Dr, Lawrence,
Douglas Co., Kansas.

Oct 31, 1976
and 761031-18

Photo (761031-16) and (761031-17) of elm tree roosting site (see
map of Oct. 24, 1976)

Nov. 1, 1976

Flight of grackles, starling, robins, cowbirds over by 6:33 A.M.
daylight savings time). Temp. 38°F, slight breeze. Sun up
approx. 6:55 A.M.

Nov. 2, 1976

Birds left in large groups at 6:30 A.M., some individual robins
before. A continuous flight occurred until 6:40 A.M. then
tapered to complete evacuation of roosting site at 6:45 A.M. no
other birds in area after 6:45. Some clouds to E, clear to W,
Temp 40°F. Sun up approx. 6:58 A.M. It is difficult to set
time of sunrise as it varies according to topography, houses etc.
Birds leave in groups and when two or three groups leave at
one time there is occasionally conflict in flight pattern. The
flight is continuous at times and at other times is marked by
group segments. 90% of the birds by ESE and SE. Usual
number (25,000,000). The cat brought in a Sigmodon hispidus
that measured 250 mm total length.

Nov. 3, 1976

at 6:20 A.M. birds calling and mainly low in trees. at this
some time the first flight began and was continuous to 6:30 A.M.
segmented in large flocks to 6:35 A.M. End of flight at 6:40 A.M.
In 20 minutes these birds leave the roosting area from inactively
to complete desertion of area. As was the case of yesterday 90%
move ESE + SE. Sun up 7:57 A.M. at least rays of sunlight on
trees for first time. Temp 34°F, no wind. 2 Redtail active
at 6:35 A.M. in area. Photos 751103-1 and 751103-2 of some
of the birds in flight. In the last three days the roosting
area has extended into tree line, ^{orange orange} N of area (E end) and also orange
orange S of above line. Elm trees now 90% leafless and
the orange orange showing green leaves. Birds are still using
the leafless trees and are conspicuous in them, supplying their
own leaves so to speak. The nearest trees used by the
birds are 20 feet from the relatively heavily travelled Peterson
Road. This evening watched the morning flight and noted
that in several instances the birds overshoot the roosting area but returned