

Approx. 150 meadowlarks (1-5) up to Smoky Hills and then uncommon to rare beyond. 6 Swainson hawks generally distributed. 30 mourning doves, general in pairs. 1 loggerhead shrike, 2 Eastern kingbirds, 15 W kingbirds, 200 barn swallows, 1 short eared owl at 957. 2 redwings, 8 cowbirds. 2 crows. Did not count Eng sparrow or starling, the latter approx 12. The most unusual distribution was the meadowlark - high in flat country, rare in the deeply rolling country of the Smoky Hills area.

From Abilene recorded hawks and other noteworthy information. Abilene 48113 at 12:30, temp 75°F. 114 Swainson hawk, Swainson hawk 5 mi W Junction City. Swainson hawk at Mc Lawell Creek road. 177 badger road kill, 178 Snokomo Road. Arrived Lawrence 3:20 P.M. at mileage 48 237.

The above notes of summer travel should be organized with distribution of birds and mammals against geographical areas. Hawks and meadowlarks represent complete censuses. Because of new size of tires on car the mileage factor is: 1 intrinsic mile represents 1.05 miles on car meter. To get true mileage, determine car mileage and times by .05. Example: if car reading is 14.6; x by .05 and add subtract results from 14.6 thus

$$\begin{array}{r}
 14.6 \\
 \times .05 \\
 \hline
 .730 \\
 \hline
 14.60 \\
 \hline
 13.87
 \end{array}$$