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aspect of their nesting activity. This may be governed by an established cohesion factor. Those on the extreme peripheral edges may represent incompatible or young individuals. The row of juniper trees generally supported one nest per tree. Two trees did not have nests. It was observed that those birds on the W and S side at the edge were poorly constructed. The closest spaced nests were 10 feet apart. The farthest nest from its neighbors was 88 feet apart. The average distance ^{in community groups} would be approx 30-40 feet apart. Many of them were 20 feet apart. The average area required for territory works out to be approximately 750 sq feet in the elm grove. Those in the juniper trees averaged 333 feet per territory. The minimum requirement as represented by the pair of nests 10 feet apart would be, theoretically 25 sq. feet. The area per nest in the 49,226 sq feet area would be approx. 1640 sq feet per nest.

307 W. 23rd Street, Lawrence, Douglas County, Kansas.
May 4, 1950

Winds starting this afternoon. They are predicted to reach high velocity tonight and tomorrow. Activity in elm grove normal.

307 W. 23rd Street, Lawrence, Douglas County, Kansas.
May 5, 1950

Winds increased to maximum velocity at about 11:00 A.M. from S.W and W. Air port reports gusts of 78 miles per hour. Winds subsided at about 5:00 P.M. and at sundown nearly calm. It was interesting to observe the effects of this wind upon the activities of the birds. The robin remained upon the ground but in the general area, within 40' of base of tree, practically all day. Several attempts at setting upon the nest was proven too difficult. All the grackles were on the ground throughout the day during the high winds. They were observed to be gathering in the lee of the trailer and outfeeding at the windward edges of the grove. Many other grackles in adjoining areas were observed feeding upon the ground on lawns. The robins were not in evidence during the day. One tree that supported a grackle nest at 85 feet down lane between 51 and 69 foot markers fell down during the night and at 4:30 P.M. a grackle was tearing down the nest and carrying the material to another ^{new} nesting site. Have observed considerable nest mortality but will wait until Sunday to recheck the entire area. This will give time to show new nesting progress.