

28.6 yellow-shafted flicker. 29.1 blue jay. 29.9 now to Big Slough Park. 30.5 sparrow hawk. 30.8 entering Park. 31.0 drainage. 31.5 now to left. 32.2 to boat ramp. 32.4 boat ramp. 2 mallards head of bay, 120 mallards mouth of main bay, 46 on point and one goldeneye. 32.9 300 mallard off shore to S. 33.6 2600 mallards along and on shore, especially the point. 34.0 2 mallards mouth of bay. 34.2 road at head of bay. No ice in bay. 34.5 8 tree sparrow, 4 juncos. Pond at Gap Point half open. Gap Point at boat ramp at 12:15 A.M. 34.9: Water temp 38°F, water temp 39°F. To N you see 100 mallards generally distributed, especially to N.W. The American Mergansers have now moved to NW Gap Point. There are 40 gull (roughly?) near soil boat club to N.

Left 12:30 & returning same way thru Park. 37.9 leaving Park. ~~38.8~~<sup>38.8</sup>(?) Ferguson road, now S. 40.2 Big Slough Creek bridge. open to left 50%, to west open, 2 <sup>night</sup> gulls. 41.4 highway 92. 42.4 SE corner reservoir area at 12:42, bluejay. 44.1 5 tree sparrows. 45.0 highway 24. 46.2 railroad tracks. 47.7 LeCompton bldg. Smog along lee (W side of valley) in river channel and on uplands to E from Coop Plant in Lawrence. 48.5 now lower rd to N. 49.2 bluejay rd. kill. 49.7 roughleg hawk. 50.2 2 tree sparrows. 51.8 2 crows, flicker. 53.6 23 tree sparrows. 54.0 sparrow hawk. 54.9 Lake View Causeway. Seed in completely. 55.7 sparrow hawk. 56.0 redtail. Smog on N side of ridges. from Coop, and not the powerplant (KPL). 57.4 Kasald & Peterum Rd. Wind from south. Home ~~94~~ (402 Yorkshire Dr, Lawrence) at 94958.3 mileage at 1:10, P.M. mockingbird at feeder. End of Census.

Lawrence, Douglas Co., Kansas

Dec. 27, 1974

At 402 Yorkshire Dr. checked food consumption of English sparrows at feeder. At 9:00 A.M. placed 2000 grams of bird seed on feeder. At 1:00 P.M. the food was gone. An average of 125 (100-200) Eng sparrow maintained constant feeding with the usual 1/2 to 4 min interruptions. Assuming the average wt. of the birds is 26 gms and each bird ate 16 gms in the four hours of feeding, the food eaten is 62 per cent of body wt. In the normal feeding period of 7 hours the birds would consume the equivalent body wt. The marked sparrows (albinism) would indicate <sup>some</sup> change of flock composition from hour to hour.