

6 juncos, creek 2/3 open. 10.8 3 horned larks & 2 flickers at least 7/10 mi from trees. 11.0 passing <sup>over small</sup> by bridge. 11.5 along river, 11.7 to left. 12.0 to right. 12.6 passing by bridge over Wakarusa 13.1 3 juncos. 13.3 4 way stop. 40 Eng sparrows, 12 starling. 13.5 Elk Creek, 1/5 open, 2 cardinals, 4 juncos. 13.6 12 Cardinals, Mockingbird, <sup>20 juncos</sup> 40 tree sparrows, 13 house sparrows (numbers approx). These birds were associated with farm to W. 13.7 10 Cardinals, 13.8 4 cardinals. 14.0 Cardinal. 14.6 passing by Woodruff Rd. 15.1 now coming off top hill. 15.4 bridge, creek frozen. 15.9 mockingbird, 3 cord, 20 tree sp, 10 juncos. 16.2 to right, redtail. 16.6 Richland. 16.7 13 bobwhite, 2 Cardinals. 17.1 Wakarusa bridge. Water 1/2 open, creek completely closed in some areas. 18.0 main road to R. 18.9 45 juncos, 8 Cardinals, 8 house sparrows, 18 tree sparrows. 19.2 22 tree sparrow, 15 juncos. 19.4 30 tree sparrows, 8 cardinals, 13 juncos. 19.7 20 tree sparrows, 12 juncos (Douglas Coline), 20.1 4 horned larks. 20.3 meadowlark, 20.5 3 tree sparrows. 20.8 at 4 corners & continuing E. 21.2 8 juncos, 21.7 top hill, meadowlark. 21.9 Creek 1/2 open. 22.1 3 Cardinals, 2 titmice, 4 chickadees, 30 juncos. 22.3 8 juncos, creek 1/2 open. 22.5 10 bob-white, 16 juncos. 22.7 3 Cardinals, 28 juncos, 12 tree sparrow. 23.0 4 corners, now to N, 2 Cardinals, 15 juncos, 7 tree sparrow, pond frozen. 24.2 main road, now to E, 3 Cardinals, 9 house sparrow. 26.4 8 juncos, 24.7 now to left. 24.8 song sparrow. 25.6 Dry Creek, 12 juncos, 3 Cardinals, 2 field sparrows, 8 tree sparrows, 26.4 to right. 26.6 4 juncos. 26.8 1 juncos. 27.0 2 Cardinals, 27.1 cardinal. 27.3 3 horned lark. 27.4 Deer Creek. water closed in ice. 2 Cardinals, 6 juncos. 28.0 1 starling, 4 Cardinals, 2 juncos. 28.3 9 horned larks, 1 starling. 28.6 Coon Creek 1/3 open. 29.1 12 juncos. 29.8 Scout Camp. 30.2 at old house, 3 Cardinals. 30.3 14 juncos, 1 meadowlark. 30.4 to right. 30.6 6 juncos. 31.3 Rattlesnake Pt. 31.5 meadowlark and redtail. 31.8 to left (sun within 5 min. sundown) 33.1 N. end proposed dam, 2 mourning doves. temp 3°F. 33.7 marsh hawk. 34.5 cardinal, to right. Sigel 35.0 at 5:00 P.M. Temp 0°F.

Summary:

Cardinal 1-2-12-4-2-12-10-4-1-3-2-8-8-3-3  
2-3-3-2-1-2-4-3-2-97  
tree sparrow 4-12-3-28-40-20-18-22-30-20-3-  
12-~~12~~ 7-8=227  
juncos (mainly slate-colored) 1-3-12-3-18-4-6-  
3-4-10-45-15-13-12-8-30-8-10-28-15-8-12-20  
mockingbird 1-1-1=3 4-1-6=2-12-14  
6-335  
redtail 2-2-1-1=6  
song sparrow 1=1  
bobwhite 13-10=23

marsh hawk 1  
horned lark 2-8-3-4-3-9=29  
chickadee 4-  
meadowlark 2-8-2-1-1-6-1-2-1-1-  
5-1=27  
horned lark  
mourning dove 2-  
crow 2-  
mallard 28  
field sp. 2  
bluejay 1-  
downy 2  
Harris sp. 18-8=26  
y.s. flickers 3-2=5  
Eng. sp. 40-13-962  
starling 12-2-1=15  
titmouse 2