

Left Lawrence at mileage 58.0, 2:55 P.M., temp. 9° F. <sup>Law</sup> wind from SSW. sky clear  
 River below dam open for 30 feet, then ice to island. Open  
 on W of island and east of island in ripples, but closed  
 beyond to sand dredging area where water in river was  
 open. I had wondered if this open segment of the river was  
 due to deep water of the dredging area. will keep complete  
 census of birds from junction of highway 59-24, at mileage  
 61.8. (3:05 P.M.) 62.7 20 starling 63.5 Harlem hawk. 63.9  
 3 starling. 64.5 4 meadowlarks. 67.6 2 mourning doves.  
 70.9 Wellcometown. 71.7 2 starling. 73.9 30 starling in  
 grass at base of hill adjacent to stock pens of a ranch. ~~73.7~~  
 1000 starling. also in grass at edge of trees near pens. 74.5  
 Perry turnoff but will continue to W. to check on ducks  
 in fields of the Kaw Valley. 74.9 Delaware River and water  
 in ice. 76.8 turnoff to Perry dam but will continue to W,  
 79.0 leaving highway 24 and now to N, thence E towards  
 dam. The fields SW of Perry Reservoir are corn and plowed  
 with some stacks and leaves extending above ground. 80.0  
 2 starling 80.7 now up canyon to top ridge. 300  
 starling in farm area. they flew up canyon just E of  
 road. 81.1 200 starling. Overlook Point at 3:48, 81.6.  
 Will make some observations from here. The pond of open  
 ice is circular from here, whereas it appears linear from  
 any point of lake at near lake level. This is a good  
 vantage point if 60x telescope is used. On arrival, 6  
 snow geese and 2 blues left to dam but returned to  
 open water. There are 7 snows and 2 blue in addition  
 to the 8 above. 3:41 first group of Canadian geese left. (I  
 am of the opinion that they were influenced by my arrival),  
 followed by 4 snows and 4 Canadians. There is a large  
 number at pond and will count them as they periodically  
 leave the open water. 3:43 36 Canadian geese left and flew  
 S over dam at about the outlet on dam. 3:46 10 snows  
 and 4 blues left and flew S. 43 <sup>Canadian geese</sup> left at the same time.  
 plus 42 mallards. 3:47 71 Canadian geese and 37  
 mallards left. There are approx 70 mallards left at  
 the open water which made the original flock 149 mallards.  
 3:49 60 mallards left to S. 3:51 88 Canadian geese left &  
 flew S. Geese all fly S over dam at about outlet,  
 thence S to center of Kaw Valley, thence W for about 1 mile  
 where they are landing in fields N of highway 24.

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