

61.0 yellow-shafted flicker. wind from NW. 61.6 E end  
dam. 62.3 outlet and point of observations at 4:28 P.M.  
will keep track of duck & geese movement for a period of  
time. at 4:29 105 Canadian geese left to S, 4:34. 35  
mallards left to SW, 13 Boat now in water and approx 250  
mallards. <sup>see</sup> a fracture system runs directly thru open  
water area from SW corner of lake (at point where dam  
contacts native ridge) to the S end of ridge on east side of  
lake. 4:36 approx 8000 starling flew across reservoir  
from E to W at about 1/2 way between dam & Rock Creek area,  
and group of approx 2000 paralleling dam and 200' to N,  
and one group of approx 800 in Rock Creek area. There were  
other smaller groups and all flying from E to W across the  
lake. An eagle (immature bald) flew E to W across  
lake, inspecting the open water at Gap Point, ducks (mallards)  
arriving from the SW and half of them are flying directly to  
the pond to the N. Left outlet at 4:49 and will drive  
to Gap Point to check the open water at that point. 64.3  
SE entrance. 64.5 marsh hawk. 66.7 Slough Creek bridge.  
69.4 drainage of Slough Creek area, 2 slate colored juncos. 70.6  
brink of hill and now down slope to Gap Point. 70.9 Gap  
Point. In orchard and weeds noted 8 cardinals, approx 40  
tree sparrows 30 juncos. The open water did not support  
american mergansers. There are, however, approx 12000  
mallard. ~~500~~ and other ducks, were ~~go~~ arriving from the S.  
The open water contributed to the fracture system which  
runs SW to boat ramp on W side lake and to near Gap  
Point on this side. Left 5:10. 71.9 top of hill. marsh  
hawk hunting fields on ridge. 73.0 drainage and  
group of 14 cardinals, 80 tree sparrows. 20 juncos. 78.1  
SE Entrance, at 5:30 P.M. 5:35 flocks of mallards still  
arriving from S and seem to be coming in from S beyond  
Kaw valley. Returned to Perry turnoff, thence W. to check  
on local duck populations in field but light fading prohibited  
vision in the area SW of reservoir.

Perry Reservoir, Jefferson Co., Kansas  
Jan 8, 1970

Made trip to Perry Reservoir to check the two remnant open  
bodies of water to ascertain if hard cold temperatures had  
closed the open water, made & maintained by the geese and ducks.