

arrived from N, flew over ducks in large aggregate and then  
 continued S over dam. Some <sup>150</sup> ducks left as a result but most  
 of them ignored the hawk. 3:35 Great numbers leaving aggregate  
 (all fly to SW). This continuous departure of ducks lasted for  
 6 minutes (3:41). This was the most massive so far. 3:45  
 sporadic departures. 3:47 another major surge to SW. Flock on  
 ice & in water now about  $\frac{1}{3}$  original size. A single snow goose  
 approached aggregate from S but before it could land it joined  
 a departing group of mallards that carried the goose back again to  
 the south-west. 3:53 53 Canadian geese flew <sup>from N. pond.</sup> W over ridge.  
 3:55 increased departure schedule of mallards. Both geese  
 and ducks fly SW and then W but rarely to SE or east.  
 It is my belief that these ducks are flying out into Kaw  
 Valley to the SW for feeding purposes. 4:00 approx. 6000  
 mallards remaining and is the fewest number in aggregate.  
 4:07 37 Canadian geese left from N pond and flew SW over  
 ridge. 4:08 28 Canadian geese left from N pond & flew SW.  
 Coots still in first pond (N of outlet). Adult ring-billed gull  
 and the juvenile glaucous gull arrived from N and fed on  
 excrement? of ducks left on ice surrounding the main pond.  
 4:20 ducks are leaving and arriving at equal rates. 4:25  
 marsh hawk flew N from dam, inspected duck aggregate (main one)  
 and then flew N to main promontory on W shore. 4,000 ducks  
 ducks arrived from SW and alighted in main aggregate. Population  
 gradually building up at pond, but now only 12,000 at pond.  
 4:28 approx 4,000 blues <sup>40%</sup> and snows <sup>60%</sup> flew S over reservoir at a  
 high level. Ducks arriving from SW and blackening the  
 sky and in 4 minutes increased the aggregate at main pond by  
 approx  $\frac{1}{2}$  original number (or from  $\frac{1}{3}$  size of 3:47). 43  
 Canadian geese left pond to N. and flew SW. 4:30 3,000  
 mallards arrived from SW and alighted in main aggregate. Most  
 of these mallards are landing on ice bordering the pond and as  
 a result the water is relatively free of ducks. Later <sup>many</sup> the ducks  
 moved into the water. 22 Canadian geese arrived from SW  
 and landed in main group. 61 Canadian geese <sup>now</sup> left from N  
 pond and flew SW. All Canada geese <sup>now</sup> left the Gop Point  
 pond making a total of 222 which is short of 10 of the original  
 number observed there earlier in the day. 4:35 mallards arriving  
 to main aggregate and in 3 minutes the aggregate has built up  
 to ~~about~~ its original number (now <sup>3/5</sup> ~~4/5~~ original size). The  
 group of blue & snows are now arriving back from the S after having