lereled over the Law Valley for at least 7 times. The geore separated and 50% continued n out of Reglet the the other 50% are cercling the Rock Creek - Dag Point area. 4:40 a flock (1/2 mile long) flew from E to W over resevoir at about Dap Point area and estimate 10,000 individuals. 4:45 to 4:50 a period of stabile numbers at main aggregate. 4:49 Snows and blues returning from the D. Ith the entire time I have been in this area how observed only to ring-billed gullo and the I glavesow. These gulls are generally singles and just passing by. 4:54 shadows from w redge about 1/4 way from redge to main aggregate of mallards, seen about 10-12 minutes above horizon. 41/5/9 Ishadow now at aggregate and placing all mallaids in shadow. At this point in Time and shadow change, there was an abrupt change in the direction of departing ducks. ly to 4:59 all ducks were arriving and defarting from and to the 5w. at precisely the time the sun disappeared from the aggregate of mallards, there was a decided Change in the direction If departing hirds. They now are flying directly n where they Igam an elevation of about a hundred feet and their gliding down to the open water in the Hop Point area. This new direction was instantoneous and the ducho left in a contimusus flaw without interuption. This behaviorem was in contrast to the flight to the Sw when groups would leave as hy erratic external motivation fallowed by periods of queescence. In other words the flight after the shadows appeared (or disappearance of sun) seemed a more instinctive behavioreen and nat influenced by litternal influence. These decens that flew n always appeared to be farther n of then the Top Point open water than they actually were. The bords appeared to be at least 3/10 of a mile beyond the open water at the time the started their glade to the find from the 5. although mallards are moving of there is still mallards arriving from the 5 w to the main aggregate. 5:02 The bold eagle was ferst seen flying n just beigned the main aggregate best ded not inverligate the raft. It flew to north pend, inspected it and then flew W. A line Covada left mainroft and flew 5W. Sun now off outlet gates & ridge to & of loke. 5:10 shallards still leaving at regular sextends exoclus and flying to north pond. Incoming ducks about 50 per ducks slowing down. 5:15 incoming ducks about 50 per minute; ducks flying to n an continuous flight. 5:16 approx 1000