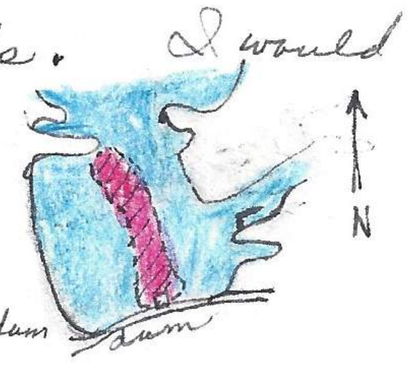
but differently oriented, now in more or less a continuous raft from E end peninsula to N to gates of dam, where (at dam) they are building up along the base of the dam. 4 cormorants on a rock 200' of gate. Just a gentle breeze on water and from the south. It is much easier to see ducks on a lake with smooth water than in waves and especially a wave size of about same size as the birds. I would say that there is fewer ducks in this area of lake by 1/2 than yesterday. Of a group of mallards will determine ratio of male to female as they move across open water in the field of the telescope (observation point on dam 200' W of gates):



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♀♀♂♂♂♂♂♂♀♂♂♂. (239 ♂♂ or 67 per cent, 119 ♀♀ or 33 percent).

Since above census mallards have now accumulated to approx. 4000 all along dam but mainly near gates. Included in ducks observed are 1 pintail, 18 green-wing teal, 4 coots, 6 male and 9 female common goldeneye, 10 gadwalls in one group, 2 ♂ & 2 ♀ baldpate, 2 horned grebe, 1 pied-bill grebe. It is interesting that there are no lesser scaup. Returned to W end dam at 95.9 at 10:00 AM and now N. 96.1 redtail, 96.3 no ducks in W side of lake where yesterday they were mainly collected. Ring-billed gulls flying along west side of lake at approx. 1 per 2/10-mi. 97.0 Bluejay. 97.2 right to peninsula. on right in area of heavy summer camping " Eng. Sparrow nests in one 20' high elm tree. Shrike. 2 crows along beach. 18 mallards flying S. 97.6 NE peninsula and now travelling clockwise. 64 ring-billed gulls in bay to N. resting on water. From here can see mallards extending N to Rock Creek causeway and with this number in addition to those to S of here make up the equivalent number observed yesterday. Ice in droplets ||||||| on limbs at water edge but not on rocks. One lone snow goose with large flock of mallards. Made census of mallards in lake to N. ♂♀♂♂♂♂♂♂♂♀♀♂♀♂♂♂♂♀♂♂♂♀♂♂♀♂♀
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