

the main group. Only one blue goose remained in the lake. The plane did not disrupt the mallards who were nearer the shore and out of the direct flight of the plane. During the time these geese were out over the valley until they return heard 18 shots from hunters shooting at these geese. At each time they were fired upon they called vociferously. Geese returned and alighted by ^{and surrounded} the only goose in the lake, a cripple at 9:10 A.M. After alighting they quieted down to the normal flock call in approx. 1 minute. After alighting an one flock and fewer individuals than the original number, they immediately compacted their group. The two forms, snows and blues, are at random in distribution and I would estimate a 60% snow + 40% blue composition. This ratio gives a salt and pepper effect which is not evident with a larger or smaller percentage of the two forms. Before these geese left the first time there was a tendency for slight separation between snows & blues. Since ^{my} arrival there has been a movement of ^{to the S} starling in flocks of from 20-60 at tree height on W side of lake. They continue S over W end of dam. I would judge there to ~~be~~ have been 30 such flocks so far.

Sun beginning to shine, water with just enough surface action to eliminate reflective surface. All Perry Reservoir open and free of ice. All countryside in snow cover. Redheaded woodpecker always in area of the overlook, one paying considerable attention to hole in tree. Bluejays always present or passing by. One flock 60 robins passed by and redheaded woodpecker reacted by calling vociferously. The robins are also passing S in flocks but these flocks are generally higher on hillside than the starlings which are at tree height or below at water edge. One redheaded woodpecker pulled a gall from bough of elm and flew away with it.

The water among geese is smooth in contrast to rippled water surface of general lake surface.

The first 15 geese of the flock advancing to the S on water are blues. Calls at 9:45 A.M. are about 4 per second. When a high plane passes by the calls increase, the necks are stretched upward and the bill is tilted toward the plane. These geese react to planes whereas the mallards are not concerned. This would indicate that the mallards are conditioned to planes in their breeding area or the geese are harassed more persistently.