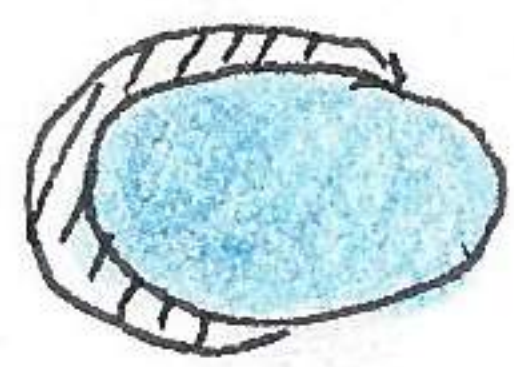


3:55 16 Canadian geese left to S. and 10 mallards. 3:57
 41 Canadian geese left. 4:00 15 Canadian geese left to S.
 4:01 19 Canadian geese flew to S. 4:02 8 Canada geese flew to
 S. 4:15 the open water now supports 305 mallards from
 increment from S. The last Canada goose left at 4:02
 making a total of 337 Canadian geese at open water on
 my arrival at 3:48 and taking 14 minutes to depart.
 They left in the follows order and numbers: 36-43-71-88-16-
 41-15-19-8. This compares with the census of previous visits
 to the same area. (see notes).



graph of departure numbers.

at 4:16 took the following photographs (Kodachrome II):
 700108-1 telephoto of open water N of dam. The pond
 surrounded by ice is located at a point between the
 Overlook Point and the S end of east ridge (road cut)
 and between the outlet and main promontory on west side
 of reservoir (first point S of boat ramp). This open water
 is actually circular although at lake level ^{appears to be} linear
 and wherever observed at lake level is perpendicular to 90°
 of the observer. The ice ridge extends thru the open
 body of water and runs NE in an undulating line and
 to the SW as a broad curve to SW corner of the reservoir (or
 W end of dam). It is believed that the weight of the
 ducks and geese is responsible for the ice ridge, or at least
 the open water, which is made & maintained by the water
 birds, is responsible. The area around the open water



is marked by a darker surface than the rest of
 the edge, as a result of debris and stain left by
 the ducks & geese. This pattern is probably
 associated with the direction of wind or sun.

700108-2 normal view of open water from Overlook Point
 showing the configuration of the fracture systems and the
 position of the pond in relation to other identifying points
 on the east ridges. The ice ridge will be plotted on a map of
 the area. Its orientation is unusual and may have some
 significance in water bird-environment reaction.

700108-3 telephoto of open water to N which is W of Gap Point.
 Details are lacking at this distance. This open water
 intersects a line from highest point on road NW of ramp opposite
 Gap Point to W and Gap Point proper

700108-4 telephoto Gap Point.

700108-5 telephoto view to N showing open water pond. All
 photos from Overlook Point. 700108-6 slate colored junco.