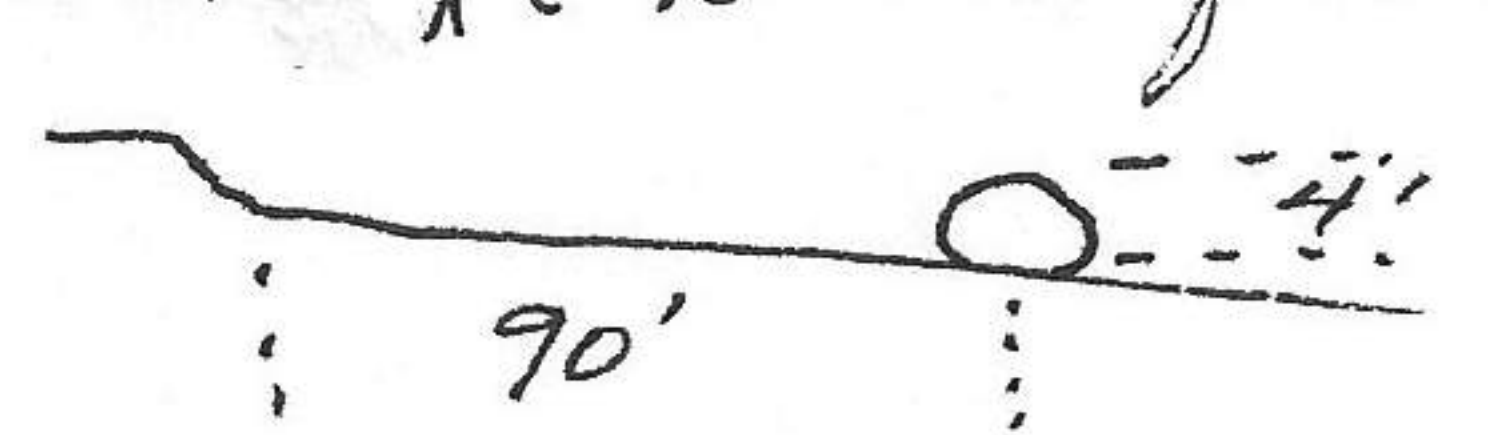


Dec. 21, 1985

From Barth at site 164, (T.T.). at 7:30 A.M. Goldeneye (Barrow's already active. Fog patchy but can see Hope Island. N end of this island fog to water but E part less fog. Selective observations this A.M. at 7:40 A.M. 9 Barrow goldeneyes (1 ♂, 2 ♀) swam by. The two species of goldeneye keep separated. Barrows more gregarious. The common more dispersed and occasionally a single bird will feed along for 20-30 minutes. Horned grebes generally feed along, pairs not uncommon, three or more unusual. Great blue heron arrived at "heron rock" ^{at 7:50} (90' out from head of beach, and 4' high from ground)  and displaced a juvenile herring gull. The heron when standing with head & neck hunched into shoulders is the same height as the rock at tide level. ^[yesterday at 8:35 or 31 min earlier] Heron rock covered at 9:06 AM. 6 black-oyster catchers at 9:08 gazing along edge water (on shore) to E. Did not feed on bird feed. 9:11 6 cranes, american feeding on bird seeds. 9:16 8 lesser scaup swam to E 10' from shore. 9:25 13 american crows at bird feed which yesterday was placed in a row from "heron rock" to head of beach. Am. widgeon swam thru floating bird seed and was not interested. 9:35 18 American crow at feed. 9:37 heron, crows, ducks left as a woman approached shore. We have had no interference from people up to this incident. 9:39 crows now returning after women left. American crows fed to 10:00 A.M. and although there was bird seed left they departed and were not seen again until 10:58. Fog variable this A.M.

Birds in area:

double-crested cormorant, red breasted merganser
 Barrow's goldeneye
 common goldeneye
 american widgeon
 horned grebe
 great. blue heron
 Thayer's gull
 herring gull
 malleard
 raufous-sided towhee
 song sparrow
 dark-eyed junco (Oregon race)
 Bewick wren
 american crow.