

Jan 8, 1986

Last night heavy winds, temp 47° this A.M. 7:30 A.M. This morning at 3:00 A.M. checked waves in front of Barth. water at high tide level. 50 waves ^(3 ft high) in 2 min 36 sec. High and forceful on shore. Knocked over rock on beach that I could not move. High wind and waves all night, from SSE. Crests formed spray that moved W. Salt on Barth this A.M. Wind at navy airport W of Cook Harbor measured wind gusts to 91 MPH.

At 7:50 A.M. 50 waves cresting on beach in 1 min, 47 sec. waves approx. 4" high, at this time no white caps. Wind direction same all night & this A.M. 3 common goldeneye, 1 horned grebe, no gulls in research area. Complete census from 8:00

- 8:00 common goldeneye, 2 crows.
- 8:01 horned grebe, dove 16, 14 sec.
- 8:01 double-crested cormorant flew by to E.
- 8:09 " " " flew by going E,
- 8:14 horned grebe
- 8:15 " "
- 8:15 red-breasted merganser
- 8:16 horned grebe
- 8:17 red-necked loon
- 8:21 9 ♂ 2 ♀ Barrow's goldeneye, 7 crows
- 8:28 double-crested cormorant, one Barrow's golden eye emerged directly under another surface goldeneye which jumped out of water and moved approx 1 foot thru the air.
- 8:29 pelagic cormorant, horned grebe.
- 8:29 11 common goldeneye (common) moving E on water.
- 8:32 5 double-crested cormorants & 5 black oyster catchers flew ^{to} E.
- 8:34 4 black-oyster catchers flying E, 1 double-crested cormorant flying E,
- 8:35 4 black oystercatcher flew W past observation point followed by four more.
- 8:37 horned grebe swimming to W.
- 8:44 3 crows, common goldeneye and double-crested cormorant, ebb waters flowing slowly E.
- 8:51 4 common goldeneye to E, double-crested cormorant to E.
- 8:55 ♂, ♀ red-breasted mergansers to E, (means swimming to E unless indicated by word flying)
- 9:02 common goldeneye, 8 crows.
- 9:03 3 american widgeons to E
- " " " " "
- 9:05 5 pelagic cormorants to E.