




12:50 All currents in Shogit Bay (between Camp 164 and Hope Island moving rapidly to W.

1:15 Currents of ebb tide moving W. or 2 hrs and 48 minutes beyond slack (high) waters, at a time when they should be moving E on ebb tide.

Jan 5, 1986

at camp 164 at Lo Conner Preserve, Thousand Trails, made photo ⁸⁶⁰¹⁰⁵⁻¹ 8:58 A.M. of surf from SE winds. Waves break at about 2 from beach but occasional 3 will break at same time.  Wind speed at Navy airfield 71 RPM (last night) 3 2 1, ~~weak~~.

The Common and Barrow goldeneye are working waves in usual areas of waters (20'-100') from shore and dive into waves at almost random position on wave. They ride breaking surf with water trailing back off head and body; some dive into wave just before overturn of the larger wave crests. noted 4 Common goldeneye feeding and swimming against tidal current. A fifth one had head on back (turned toward wave,  and kept up with other feeding ducks although presumably sleeping or resting. It apparently paddled at the same rate as the goldeneyes it was accompanying. The ducks moved at about 45° to swells 

An American widgeon landed on water in high wind at 0 speed (the speed of the bird).

A common goldeneye left crest of wave without paddling on takeoff. A double-crested cormorant also gain airborne position from top of wave. A red-necked grebe could not become airborne because of wave interference and was forced to drop into water again.

High waves did not interrupt the usual numbers or feeding activity of the bird populations I have been observing the last week or so, except there were more common goldeneye in wave area near shore than other kinds of ducks.

12:00 maximum slack. An increase in wind from SE added approx. 5 inches to height of slack.

The appearance of rocks beyond (E) outlier island of Hope Island at slack this am appeared:

1:00 flow waters down 8" from slack. 