

Birds observed this A.M.:

great blue heron
 american widgeon
 common goldeneye
 Barrow goldeneye
 horned grebe
 red-breasted merganser
 american crow.

The red-breasted merganser is in courtship behavior at this time. The following is of males repelling males near a female. The head and partly open bill is thrust downward or outward at 45° angle to water and then raised upward to perpendicular angle and stretched, then brought down ^{on} a curved neck and ^{outward} bill at 130° with neck and breast partly submerged and with a quick movement brought back to up and outstretched neck & head with bill held open. at times the ♂'s will plane on water for 5-10' toward another male. Female noncommittal. as a result there is more action in a group of red-breasted mergansers than other kinds of aquatic waterfowl.

As tide approaches high tide (10:52) the water is moving W at an increased velocity and surface turbulence. Degree of turbulence is variable from almost smooth surface to turbulence. now at 11:04 water smooth (visibility now 200') but clearing up again.

at 11:54 ^{fog lifted temporarily} 457 mallards in long raft approx 1/2 way across Shogit Bay in line but beyond census area. all facing in coming tide from the E. 321 am. widgeon accompanied the mallards and kept their own group identity. By 12:10 they had moved 1/2 distance closer to N shore. By 12:12 the raft increased by including birds to approx. 8,000 ^{to 10,000} mallards and 1500 am. widgeons. most of these birds arrived under cover of fog. all ducks moving E against current by steady paddling. If one stops swimming the current rapidly carries it to W.

High tide 12:20 P.M. no slack period. Approx 1 foot lower than yesterday.

End census 12:25 P.M.

Visited Anacortes this P.M. Fog all way especially at S end of bay E of Anacortes.