

wind chill -40°F . Ferry service halted one day. Winds 95 MPH on Lopez Island.

Feb. 12, 1989

Since Feb. 1 when we had the ice storm, there have been few birds on Leo Reef. The harbor seal average 2(0-4) daily and double-crested cormorant 4(0-8) daily. Today there are 1 harbor seal, no cormorants and 2 glaucous-winged gulls. The ice is almost gone on Leo Reef Beacon but the ice on the mainland S of Bee House especially, but elsewhere is the original amount.

Common raven fly N along crest of Humphrey Head almost daily. American crows visit Bee House 2-3 times daily in numbers of approx 20(6-30). Dark-eyed junco (Oreg. subspecies) constant.

Varied thrush before storm (Feb. 1) observed at Bee House 3(1-4), rarely seen after storm. American robin same distribution as varied thrush and always with fluffed feathers and appeared larger than usual.

Reifous sided towhee same numbers before and after storm.

Ice also covered shoreline above Spring Cove. Larger logs removed by storm.

This A.M. and for 2 previous weeks, 5 hooded mergansers, 2 common golden-eye ducks fed in front of Bee House out as far as 100' from shore and at various times of the day.

Feb. 13, 1989

4 ♀ and 1 ♂ red-breasted mergansers, 3 ♀ 2 ♂ hooded mergansers. had fan tails extended and resting on surface of water. A glaucous-winged gull perched fish from ♂ red-breasted merganser. ♀ red-breasted merganser shows white breast. ♀ hooded merganser shows dark breast or chest area. Storm of Feb. 1 brought in logs to Spring Cove, post storms removed them.

10:30 A.M. 1 harbor seal on Leo Reef. Beacon light still defective. mule deer eat ^{green} madrona leaves in autumn but not at this date in February.

From Rock Quarry NW side Humphrey Head now have a race track on flat field below. New owner, that bought the two properties including the quarry has made initial cut of trees