

Humphrey Lagoon 1 ♀ bufflehead.

at Bee House, 12:42 P.M., 13 common crows on feeders. 32 common mergansers flew N past Bee House.

1:05 P.M. 15 common crows and 2 eastern gray squirrels fed together with equal dominance.

52 gulls ($\frac{1}{2}$ glaucous-wing and $\frac{1}{2}$ mew gulls) started fishing activity in localized spot. 66 double-crested cormorants arrived 3 minutes later, then followed by 3 western grebes, 3 common loon and 2 common murres. 20 minutes later the fishing group dispersed and the cormorants returned to Leo Reef making total number of cormorants on reef 72.

3:30 P.M. 75 double-crested cormorants (68 double-crested and 7 pelagic) on Leo Reef.

In evening ice on Swift Lagoon forming on half N and half of lagoon on E side.



Dec, 14, 1987

9:00 A.M. waves 32 per minute. Rain has stopped. Tide covering Leo Reef caused cormorants to feed, and mammals.

12:30 P.M. to 1:30 P.M. large fishing group of birds, between Leo Reef and Bee House in localized area; 62 common mergansers, 1 ♂ 13 ♀ red-breasted mergansers, 16 double-crested cormorants, 4 pelagic cormorants, 6 common murres, 32 glaucous-winged gulls, 46 mew gulls, 11 Pacific loons, 1 harbor seal. 1 immature bald eagle flew over group but was not interested in the activity below. 40 minutes later 46 common mergansers and 4 double-crested cormorants returned to same area after the initial group had dispersed.

2:30 P.M. 1 river otter swam S past Bee House.

4:20 P.M. Common murres normally carry neck perpendicularly or at a 45° angle forward. Just before diving they extend head and neck horizontally for $1\frac{1}{2}$ seconds before diving. The head and neck is then lowered into water. The body is forced forward and downward by a flip of the wing into the water. This is in contrast to the jump dive of grebes and some other aquatic birds.

The view thru 40x50 binoculars in any marine direction of N Lopez Sound one can see approximately 15-20 glaucous-winged gulls, mew gulls and Bonaparte gulls in equal numbers and collectively but fewer numbers of alcids, cormorants, loons and grebes. Today is clear between intermittent rain storms.