

1 red-breasted merganser, 6 harbor seal on S side Leo Reef and 6 harbor seal on N side of Leo Reef, and 13 double-crested cormorants on the reef also. no bald eagle on nest at N end of Humphrey Head. Arrived Lopez Island.

Check temperature in the Bee (Grand Banks) for last week. min 33°F and max 69°F.

Jan 20, 1989

Approx 200 mew gulls generally distributed in N Lopez Sound N of Leo Reef. Also, in addition, 3 groups of mew gulls in feeding formation, one of them (group) not associated with cormorants or other fish consuming birds.

Jan 21, 1989

On a trip to Richardson noted the following: 3:45 P.M. on Humphrey Lagoon 2♂ 2♀ buffleheads. at 1/10 mi. E Lopez Cemetery a duck hawk flew N over field (pasture) at approx 100 high. It was harassing robins which were generally distributed in the field.

all wet meadows (marshland) now full of water and most flooded beyond their normal carrying capacity. ^{These marshlands are higher than I have observed in the last 274 years.} ^{These marshlands are higher than I have observed in the last 274 years.}

Along causeway (to Parry peninsula) 18 bufflehead.

no birds in Swifts Lagoon

along low beach of Swifts Bay approx: 90 American widgeon, 8 gadwall, 8 scaup.

at Bee House the black-eyed junco average 25 daily at feeder.

Song sparrow average once per day at feeder.

Rufous-sided Towhee arrives at feeder at early twilight and also late evening as well as regular visitor during the day.

Observe an average of 4 bald eagles per day 4(1-6). They are active when lights in morning and evening are only strong enough to identify the bird as an eagle. They are observed at all hours of the day but especially in morning. adults 80% per cent of the time and immatures 20% of the time.

The average number of birds observed in a day are;

8 bufflehead

2 hooded mergansers

3(1-8) double-crested cormorants

2(1-4) pelagic cormorants

6(1-12) red-breasted merganser

1 red-necked grebe

1 horned grebe

2 common loon

4 common goldeneye

1 great blue heron.