

of the spina. They leisurely moved S along shore (average 20' out) and arrived at Lichen Point at 8:05 A.M. The put out there and spent 5 minutes on shore up to base of Lichen growth where they urinated several times and rolled over in vegetation 2 of them together, not playing but independently rolling. at 8:10 entered water and swam back to in front of Bee House arriving at 8:15 A.M. They fed and swam more directly on return. they then turned and moved into Spring Cove (outer area near our shoreline and fed for 10 minutes. At the same time 19 common mergansers (17♀, 2♂) swam into cove but as they arrived they all instantaneously left by flight and alighted 200' to SE. The otter caused them to leave cove. at 8:25 the river otter left Spring Cove, passed Bee House and continued N.

8:30 A.M. 43 cormorants flew toward Swift Bay. all in one group (line) at this same time one adult bald eagle circled Lichen Point and then flew S,

8:32 A.M. 22 cormorants on Leo Reef. 1 purple finch on feeder, 8 American crows and 1 band-tailed pigeon.

1:20 P.M. Double crested cormorant with upper 1/2 of neck dark and lower 1/2 neck and breast almost pure white. I have seen this bird or one like it on 2 other occasions in front of Bee House.

4:15 P.M. hail storm 4 minutes, covered ground, <sup>85%</sup> largest stone 7mm diameter. A ♀ common goldeneye did not react to hail. Temp. 42°F, preceded by streamers and later, circular and then complete ripple or gusty surface. Complete rainbow intense and brighter on N leg. no birds or mammals of Leo Reef, at least when observed 15 minutes after hail storm.

5:45 P.M. Ad. bald eagle on rocks of Leo Reef. No birds or mammals otherwise.

It takes 5 min. 52 sec for waves from ferry when directly E of Bee House.

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5:30 A.M. first bald eagle to S.

7:45 A.M. 3 river otter to N out 20' from Bee House.

7:55 A.M. 1 " " " S " " " " " "

8:00 A.M. single hooded merganser been in Cove last hour. The ♀ Barrow goldeneye is in same area as it has been the last 3 days. It is less active than other birds.