

Bee Estate, Humphrey Head, Lopez Island, San Juan Co., Wa.

Jan 1, 1992

3:35 P.M. 4 river otter swam N past Bee House. 8' from shore. Waves approx. 1 1/2' high.

Jan. 7, 1992

10:12 A.M. 3 river otter-swam N past Bee House. 10' from shore.

Jan 9, 1992

2:30 P.M. a single harbor seal fished approx. 100' E of Flat Point S of Spring Cove. As it surfaced it vigorously captured small fish, 2"-3" long, that had been forced to the surface by the seal. This compact ball of minnows sprayed into the air in an area approx. 5' in diameter. The seal repeated this action 3 times during which time (40-50 seconds) 8 double-crested cormorant and 9 common mergansers arrived. The mergansers within a few feet (4') of the ball of fish and instead of gliding to a surface stop, plunged directly into <sup>and under</sup> the water. In 3 minutes there were 42 double-crested cormorant, 18 pelagic cormorant, 12 common mergansers, <sup>1 arctic loon</sup> and 6 glaucous-winged gull, all vigorously churning the water in the area of the minnows. After 3 minutes the seal disappeared and in 5 minutes the cormorants became dispersed, the pelagic cormorants maintained a close group unity, and in 10 minutes the area had been deserted.

4:00 P.M. 3 river otter swam N past Bee House, fishing as they travelled N.

In P.M., Swift Lagoon, Humphrey Lagoon in ice. Hummel Lake open. 18 northern pintails sat on ice in middle Swift Lagoon, 11 others on shore.

Jan 12, 1992

2:00 P.M. adult bald eagle sat on nest NE Frast Island. It remained 1/2 hr.

4:15 P.M. a great blue heron flew NE past Bee House at 10' above water. It continued E toward Blakely Island, gaining altitude. At 1/3 way across the sound it circled back and flew SW over Bee House at height of Humphrey Head. I have also observed American Crow to fly out over water + circle to return to bird feeders higher on the head.

at low tide the submerged bench appears above water shortly after Leo Reef Rock no 11.

at 3:00 P.M. Leo Reef 1 harbor seal, 35 double-crested cormorants.  
at 4:30 P.M. as lights fade. no seal or cormorants on Leo Reef.