

Table S4: Community scientist reports to PacMam via the mobile app developed by Kwiáht (Center for the Historical Ecology of the Salish Sea).

Datetime	Latitude DD	Longitude DD	Animals	Calves	Behavior	Platform	Name of observer	Notes
2022-01-09 19:50	47.173	-122.601	20	2	"Dives/surface chases, probably feeding"	Shore	Piper Strand	A feeding frenzie for several wild life. Large harbor seals. Surprised no Orcas
2022-02-10 13:35			30		Unknown	Shore	Trevor Derie (posting for Cierra)	30-40 HP, in groups of 8-10. Cierra has the photos.
2022-02-11 14:51	48.626	-122.733	50	6	"Dives/surface chases, probably feeding"	Powerboat	Trevor Derie	All scattered, largest groups were 2-3. Some SC, no mating attempts. Camera T3i frames 573-633, spacer 634 coast/mountains.
2022-05-10 07:51	48.163	-122.472	30	0	Traveling in one direction	Shore	Charvet Drucker	Spread out groups, about 4 different ones. Traveling south down port Susan.
2022-05-11 13:38	48.426	-122.781	50	0	Traveling in one direction, "Dives/surface chases, probably feeding"	Powerboat	Trevor Derie	Most were very directional, but a few SC here and there. No obvious calves. All traveling along the tide rip. Humpback within a mile. T3i frames 1739-1773, spacer 1774 humpback
2022-06-09 14:43	48.386	-122.792	25	3	Traveling in one direction	Powerboat	Trevor Derie	Scattered, transient orcas T065As went right through them all without any known hunting, and the HP didn't seem agitated. No porpoising away. The transients could've hunted them on their downtime, But we have no idea. T3i frames 1837-1849
2022-06-10 00:30	48.4022	-122.708	30		Unknown	Powerboat	Island Adventures	East side of Lawson Reef, 20-30+, Tyson Reed naturalist with Island Adventures. Popping up all around boat. Not sure what time.
2022-06-10 11:27	48.163	-122.472	30	0	Traveling in one direction, "Dives/surface chases, probably feeding"	Shore	Charvet Drucker	Porpoises in port Susan. Porpoises closer to shore traveling north and porpoises closer to mid channel traveling south. This seems like a typical pattern for them
2022-08-03 17:20	48.4122	-122.697	200		"Dives/surface chases, probably feeding", "Play, socializing, leaping"	Shore	Trevor Derie	40+ mating attempts and SC abound. At Rosario/Lawson Reef
2022-08-09 13:41	48.388	-122.881	25	2	"Dives/surface chases, probably feeding"	Powerboat	Trevor Derie	All spread out, no defined groups, going every direction

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2022-08-27 11:43	47.1807	-122.596	20		"Dives/surface chases, probably feeding"	Shore	Cherie St.Ours	Mostly seeing singles or 2 together and 1 pod with 5. No real direction and no mating behavior. All were spread out over the water. I was viewing from Sunny Side Steilacoom WA. Transients Orcas we're also in the near area. Other birds on the water were 4 Cormorants-and 2 I believe Pigeon Guillemots. Also 5 Harbor Seals were present.
2022-08-28 00:05	48.2852	-123.490	20		Unknown	Powerboat	Five Star Whale Watching via Cindy	20 HP near Race Rocks after the 100 at Constance and 100 farther south by five star whale watching. Time unknown so put 12am to show that.
2022-08-28 18:45	48.471	-122.72	20		"Dives/surface chases, probably feeding"	Powerboat	Monika Wieland Shields	
2022-08-29 12:30			20		"Dives/surface chases, probably feeding"	Shore	Cherie St.Ours	They were spread out in groups of 2-4 and witnessed logging behavior a couple of times.  Birds in the vicinity were surf scoters, I grebes or loons but they were quite far out
2022-08-29 15:40	48.4735	-122.473	20		Unknown	Powerboat	OIX	Outside if Burrows and Allen Islands.
2022-09-18 12:52	47.1804	-122.594	25		"Dives/surface chases, probably feeding"	Shore	Cherie St.Ours	Loons, grebes, surf scoters, buffleheads  Report from Sunny Side Steilacoom
2022-09-25 15:02	48.415	-122.674	30	1	"Dives/surface chases, probably feeding"	Powerboat	Trevor Derie	T3i frames 1578-1587. No defined groups, all the HP were scattered and very active surface chases everywhere.
2022-10-10 10:04	48.418	-122.786	40	4	Traveling in one direction, "Play, socializing, leaping"	Powerboat	Trevor Derie	HP Everywhere, at least 40. 4 obvious mc pairs, a couple HP riding our wake. Diesperesed in groups of 3-8, no camera

Datetime	Latitude DD	Longitude DD	Animals	Calves	Behavior	Platform	Name of observer	Notes
2022-10-14 11:00	47.1808	-122.596	40		"Play, socializing, leaping", "Dives/surface chases, probably feeding"	Shore	Cherie St.Ours	Sent my photos and videos to Cindy, I Beach comb Sunny Side and Chambers Bay frequent in spring and summer and this was the most I've seen with the most activity. Breaching and jumping into each other (mating attempts). There were other birds floating, surf scoters. The porpoise seemed to be in groups of 2's plus and scattered. Groups of more than 2 seemed to be moving around each other, no direction. This sighting was at Sunny Side Beach Steilacoom WA Low tide 10:29am high tide 2:31pm
2022-11-09 12:07	48.545	-122.896	25		Traveling in one direction	Ferry	Monika Wieland Shields	Heading east - calm enough we could see their blows! In two large groups
2022-11-20 19:14	48.412	-122.676	100	5	"Dives/surface chases, probably feeding", "Play, socializing, leaping"	Powerboat	Trevor Derie	Estimated 100 all spread out, largest group seen was 6. Lots of surface chase, 2 confirmed mating attempts, one of which the calf was present. T3i frames 1454-1506
2022-11-21 16:02	48.366	-122.723	100	2	"Dives/surface chases, probably feeding", "Play, socializing, leaping"	Powerboat	Trevor Derie	