

Results of OPAS Clallam County Birdband/International Migratory Bird Count Data, 1994 - 2018

P 1 SPECIES	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Ave	High		
Gr. White-fr. Goose	0	0	3	9	3	5	0	7	1	0	0	0	36	11	201	31	381	0	22	25	91	27	0	3	36	381	Gr. White-fr. Goose		
Emperor Goose	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	1	Emperor Goose	
Snow Goose	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	1	0	0	1	1	0.3	3	Snow Goose
Cackling Goose	?	?	?	?	?	?	?	?	?	?	?	0	11	0	27	0	67	1	66	17	135	3	27	44	0	26.5	135	Cackling Goose	
Canada Goose	77	95	100	140	388	233	219	127	188	170	215	280	247	286	186	228	211	347	250	152	336	275	234	273	199	218.2	388	Canada Goose	
Brant	147	717	905	1144	1559	1444	110	604	267	179	79	39	349	145	263	925	2326	401	500	564	721	456	76	311	340	582.8	2326	Brant	
goose sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	goose sp.	
Trumpeter Swan	0	7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	1	0	0.4	7	Trumpeter Swan	
swan sp.	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	swan sp.	
Wood Duck	14	26	26	33	30	56	45	11	39	11	31	19	59	34	34	49	4	17	4	14	16	16	22	6	3	24.8	59	Wood Duck	
Gadwall	12	12	14	43	53	43	65	57	66	65	68	108	139	137	70	82	119	90	91	75	99	108	66	125	120	77.1	139	Gadwall	
Eurasian Wigeon	0	0	2	0	1	1	0	1	0	1	3	2	1	3	1	2	4	4	0	1	0	2	3	0	0	1.3	4	Eurasian Wigeon	
Am. Wigeon	22	144	24	19	45	141	247	210	7	315	303	34	202	604	180	89	252	150	84	161	44	206	280	128	415	172.2	604	Am. Wigeon	
Mallard	253	312	350	605	471	509	452	337	449	531	514	451	441	591	460	402	320	457	390	221	268	359	289	300	220	398.1	605	Mallard	
Blue-winged Teal	6	9	0	4	38	0	25	6	41	3	4	6	0	3	1	0	0	0	0	5	4	0	16	2	8	7.2	41	Blue-winged Teal	
Cinnamon Teal	6	3	0	7	3	11	7	1	0	0	8	3	6	5	0	1	2	6	12	2	0	1	7	2	7	4.0	12	Cinnamon Teal	
N. Shoveler	4	7	5	25	81	36	60	48	34	28	28	20	65	49	87	53	145	20	49	7	18	11	143	7	3	41.3	145	N. Shoveler	
N. Pintail	4	19	17	47	24	4	17	6	13	10	32	1	46	39	16	37	121	9	19	38	13	18	88	57	6	28.0	121	N. Pintail	
Green-winged Teal	5	14	26	15	92	46	14	21	8	11	27	12	66	63	253	26	26	89	18	20	31	22	14	16	15	38.0	253	Green-winged Teal	
Grn-wgd Teal Intergr.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	Grn-wgd Teal Intergr.	
Canvasback	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0.1	2	Canvasback	
Redhead	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	Redhead	
Ring-necked Duck	0	3	3	2	16	28	9	11	8	23	0	2	9	6	9	4	5	3	1	5	7	23	1	0	7	7.4	28	Ring-necked Duck	
Greater Scaup	0	0	28	18	49	44	20	52	108	182	28	92	125	88	76	78	80	135	128	170	369	154	236	59	160	99.2	369	Greater Scaup	
Lesser Scaup	4	1	0	1	42	19	8	9	7	15	0	5	2	12	0	0	11	0	6	10	33	19	5	0	13	8.9	42	Lesser Scaup	
scaup sp.	0	0	0	11	12	1	2	0	0	20	0	0	7	0	0	0	1	10	0	52	6	18	6	0	0	5.8	52	scaup sp.	
Harlequin Duck	122	219	347	347	304	269	359	78	304	112	54	270	193	65	230	88	86	235	25	146	77	277	180	293	95	191.0	359	Harlequin Duck	
Surf Scoter	358	173	1636	970	970	830	576	233	533	346	279	498	311	457	245	682	273	554	770	464	592	540	571	948	431	569.6	1636	Surf Scoter	
Wh-winged Scoter	190	92	946	521	517	211	400	305	276	190	53	499	280	102	144	674	307	123	333	78	50	80	598	144	166	291.2	946	Wh-winged Scoter	
Black Scoter	6	7	5	135	6	3	3	0	7	10	11	0	6	1	0	2	27	4	9	8	4	1	0	6	0	10.4	135	Black Scoter	
scoter sp.	0	0	0	0	0	0	0	25	0	112	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	5.6	112	scoter sp.	
Long-tailed Duck	7	0	9	186	35	69	6	0	1	9	2	0	4	8	0	3	11	32	7	15	23	37	16	34	5	20.8	186	Long-tailed Duck	
Bufflehead	15	47	159	138	239	328	100	52	90	129	88	33	92	287	233	523	160	155	112	146	103	88	10	34	40	136.0	523	Bufflehead	
Com. Goldeneye	2	4	5	9	23	27	6	1	4	10	0	2	3	32	16	7	6	21	7	4	6	3	7	12	4	8.8	32	Com. Goldeneye	
Barrow's Goldeneye	2	0	1	1	5	15	2	5	8	14	2	4	15	4	4	7	3	4	0	2	1	0	3	2	0	4.2	15	Barrow's Goldeneye	
goldeneye sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0.2	2	goldeneye sp.	
Hooded Merganser	3	3	4	2	9	10	21	7	2	8	13	16	4	4	9	10	6	5	5	12	13	6	5	3	2	7.3	21	Hooded Merganser	
Com. Merganser	14	6	48	41	29	77	54	16	35	31	72	42	138	60	34	57	43	90	62	52	124	61	84	101	169	61.6	169	Com. Merganser	
Red-Br. Merganser	110	82	238	347	349	394	42	19	39	164	93	27	238	270	218	45	15	123	213	19	64	55	13	878	64	164.8	878	Red-Br. Merganser	
Ruddy Duck	0	2	0	0	4	4	0	1	0	1	0	2	0	7	4	2	11	13	6	14	21	14	25	5	5	5.6	25	Ruddy Duck	
duck, sp.	0	0	0	0	0	0	0	0	0	17	3	15	4	0	26	6	0	0	0	0	1	45	0	8	0	5.2	45	duck, sp.	
Rng-Nckd Pheasant	40	17	30	33	38	27	5	10	13	3	8	15	2	1	3	4	4	6	2	2	cw	1	0	0	0	11.0	40	Rng-Nckd Pheasant	
Ruffed Grouse	3	5	4	5	19	20	9	3	2	5	5	1	4	6	2	2	4	3	10	8	4	4	3	3	1	5.4	20	Ruffed Grouse	
Sooty Grouse	1	4	10	8	31	48	52	11	30	38	43	30	25	54	15	19	14	14	35	17	18	24	22	12	20	23.8	54	Sooty Grouse	
Wild Turkey	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0.3	4	Wild Turkey	
California Quail	105	72	176	158	126	225	178	186	217	220	319	349	402	232	153	125	126	94	100	56	56	62	68	67	59	157.2	402	California Quail	
No. Bobwhite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.0	1	No. Bobwhite	
Red-throated Loon	1	2	2	13	8	6	9	1	7	3	3	10	7	9	4	5	11	26	3	8	7	9	9	20	3	7.4	26	Red-throated Loon	
Pacific Loon	178	338	223	121	91	52	48	40	37	31	80	30	67	26	55	7	22	36	242	8	165	47	74	48	53	84.8	338	Pacific Loon	
Common Loon	43	25	75	68	123	47	64	47	75	32	30	32	48	20	44	44	56	40	63	49	25	48	34	70	30	49.3	123	Common Loon	
Yellow-billed Loon	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	0.3	2	Yellow-billed Loon	
loon sp.	0	0	2	4	1	3	0	0	7	5	7	1	1	1	0	0	0	0	0	0	2	0	0	0	1	1.4	7	loon sp.	
Pied-billed Grebe	0	0	1	0	6	2	3	1	2	2	0	4	3	2	0	0	3	0	7	3	5	11	1	3	3	2.5	11	Pied-billed Grebe	
Horned Grebe	0	5	2	17	13	37	3	1	0	6	1	1	3	4	13	3	6	6	17	5	20	8	2	1	2	7.0	37	Horned Grebe	
Red-necked Grebe	11	20	43	27	17	19	2	5	4	7	39	15	34	11	31	13	7	2	26	11	16	13	26	28	15	17.7	43	Red-necked Grebe	
Eared Grebe	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	Eared Grebe	
Western Grebe	7	1	76	26	77	51	8	0	45	13	62	15	23	13	11	6	89	44	3	19	10	5	224	104	33	38.6	224	Western Grebe	
grebe sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.2	3	grebe sp.	
Black-footed Albatross	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	40	50	cw	0	1-dead	20	0	0	4.9	50	Black-footed Albatross	
N. Fulmar	0	0	0	0	0	13	0	0</																					

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	25-yr ave	High Count		
Great Blue Heron	37	44	34	33	57	35	58	58	94	45	62	97	79	61	13	29	40	38	91	41	55	89	65	63	50	54.7	97	Great Blue Heron	
Green Heron	0	0	0	0	0	1	0	0	0	0	0	0	0	2	3	0	0	2	1	0	0	0	0	0	0	0.4	3	Green Heron	
Turkey Vulture	21	18	31	33	37	56	73	60	38	12	91	58	93	46	46	36	101	45	80	44	62	226	89	95	175	66.6	226	Turkey Vulture	
Osprey	5	10	7	10	9	15	16	7	11	10	5	4	3	7	1	5	3	3	8	1	2	3	3	3	2	6.1	16	Osprey	
Bald Eagle	29	38	55	88	106	128	104	89	115	131	118	153	262	191	209	199	186	117	208	196	171	145	179	167	179	142.5	262	Bald Eagle	
Northern Harrier	18	21	13	28	23	37	17	19	18	16	16	24	21	33	12	15	20	13	17	4	12	8	4	7	6	16.9	37	Northern Harrier	
Sharp-sh Hawk	1	6	5	15	30	7	6	3	4	4	4	11	7	10	8	4	8	3	4	4	4	6	14	1	12	7.2	30	Sharp-sh Hawk	
Cooper's Hawk	1	4	1	5	5	4	5	2	4	5	7	3	12	14	15	6	8	3	10	9	11	6	6	9	13	6.7	15	Cooper's Hawk	
N. Goshawk	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0.4	3	N. Goshawk	
accipiter sp.	0	0	0	0	0	0	0	1	1	1	0	0	1	2	0	0	2	3	0	3	1	0	0	0	1	0.6	3	accipiter sp.	
Broad-winged Hawk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0.6	8	Broad-winged Hawk	
Swainson's Hawk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	1	Swainson's Hawk	
Red-tailed Hawk	25	44	30	56	29	44	39	33	34	30	46	54	69	72	41	38	34	33	43	28	34	44	29	27	66	40.9	72	Red-tailed Hawk	
Buteo sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0.0	1	Buteo sp.	
Golden Eagle	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	2	1	1	1	2	0	3	0	0.6	3	Golden Eagle	
American Kestrel	3	4	3	4	2	3	5	0	2	1	4	3	4	2	1	5	2	3	2	3	2	5	3	2	2	2.8	5	American Kestrel	
Merlin	1	0	1	3	2	0	1	1	1	0	0	1	1	1	1	2	2	0	2	3	2	1	3	1	2	1.3	3	Merlin	
Peregrine Falcon	0	0	0	0	2	2	1	1	1	1	3	2	6	1	1	2	3	2	4	2	3	3	5	3	3	2.0	6	Peregrine Falcon	
med.-large falcon sp.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0.2	3	falcon sp.
raptor sp.	0	0	0	0	0	0	0	0	1	0	0	1	1	3	0	1	1	2	0	0	0	1	0	0	0	0.4	3	raptor sp.	
Virginia Rail	11	5	2	9	10	5	9	3	4	3	4	4	6	16	4	5	9	3	7	7	6	7	4	9	3	6.2	16	Virginia Rail	
Sora	4	0	0	0	3	1	0	1	3	ew	1	0	0	0	0	0	0	1	1	1	3	0	5	2	2	1.2	5	Sora	
American Coot	2	18	13	9	29	53	41	19	28	32	26	21	31	12	15	2	6	6	12	9	27	8	2	14	3	17.5	53	American Coot	
Sandhill Crane	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	109	4	10	10	6.2	109	Sandhill Crane	
Blk-bld Plover	70	230	119	24	164	263	100	21	3	47	24	43	67	101	97	62	172	58	91	33	13	103	115	76	113	88.4	263	Blk-bld Plover	
Am. Golden-Plover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	Am. Golden-Plover	
Pacific Golden-Plover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	1	Pacific Golden-Plover	
Snowy Plover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	1	Snowy Plover	
Sempalm. Plover	3	8	56	104	38	99	7	21	4	58	14	12	10	4	69	7	17	18	12	21	12	37	24	59	25	29.6	104	Sempalm. Plover	
Killdeer	39	72	85	106	137	142	94	73	83	66	76	60	70	95	61	44	53	63	37	45	39	54	99	48	61	72.1	142	Killdeer	
Bl. Oystercatcher	12	11	26	38	20	26	24	19	36	42	8	20	17	39	24	46	41	25	17	27	23	14	29	29	33	25.8	46	Bl. Oystercatcher	
Black-necked Stilt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	Black-necked Stilt
Greater Yellowlegs	2	9	1	2	3	2	8	0	4	1	1	1	3	13	2	1	21	3	7	8	4	14	3	6	10	5.2	21	Greater Yellowlegs	
Lesser Yellowlegs	0	0	0	2	0	0	0	0	0	0	0	3	0	0	1	1	0	2	0	3	2	4	2	0	0	3	0.9	4	Lesser Yellowlegs
yellowlegs, sp.	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	yellowlegs, sp.	
Solitary Sandpiper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0.1	1	Solitary Sandpiper	
Willet	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	Willet	
Wandering Tattler	0	0	0	0	0	1	1	2	0	0	0	0	2	1	0	0	0	1	2	1	0	0	2	0	0	0.5	2	Wandering Tattler	
Spotted Sandpiper	3	3	4	14	5	7	5	5	40	1	8	13	4	16	24	5	1	11	3	6	15	11	6	18	6	9.4	40	Spotted Sandpiper	
Whimbrel	23	19	22	7	27	15	30	9	56	15	3	6	26	11	4	7	15	11	208	61	86	71	76	64	11	35.3	208	Whimbrel	
Long-billed Curlew	0	0	0	0	0	0	0	0	0	0	3	0	0	1	1	0	0	0	3	0	0	1	0	0	0	0.4	3	Long-billed Curlew	
Hudsonian Godwit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.0	1	Hudsonian Godwit	
Marbled Godwit	0	0	2	0	2	8	0	0	0	1	2	0	1	1	0	0	11	1	6	3	3	1	9	3	2	2.2	11	Marbled Godwit	
Ruddy Turnstone	1	30	6	32	9	35	10	18	0	0	0	0	0	1	2	0	18	0	5	0	0	4	4	0	0	7.0	35	Ruddy Turnstone	
Black Turnstone	10	16	1	1	5	3	0	0	0	2	0	0	1	0	6	2	3	2	6	1	2	18	12	0	7	3.9	18	Black Turnstone	
Surfbird	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	13	8	2	3	1	0	3	1.8	15	Surfbird	
Red Knot	0	0	7	3	2	1	0	CW	0	0	0	1	0	2	0	27	0	0	0	0	0	0	0	0	0	0.1	2	Red Knot	
Sanderling	9	104	70	67	21	105	79	140	78	118	28	3	12	54	295	34	45	15	273	27	30	236	50	63	14	78.8	295	Sanderling	
Sempalmated Sandpiper	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	14	3	2	1	0	1	0	1	0	2	0	1.1	14	Sempalm. Sandpiper
Western Sandpiper	292	155	1064	305	637	1531	108	104	67	2727	52	101	237	230	283	39	404	49	1046	63	191	172	158	79	213	412.3	2727	Western Sandpiper	
Least Sandpiper	0	32	8	394	19	118	14	4	2	17	4	8	30	10	40	6	173	5	40	20	35	4	55	18	18	43.0	394	Least Sandpiper	
Pectoral Sandpiper	0	1	0	1	5	0	0	0	1	0	0	0	0	0	0	0	0	2	0	2	1	0	0	29	0	8	2.0	29	Pectoral Sandpiper
Rock Sandpiper	0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	9	Rock Sandpiper
Dunlin	234	372	853	366	1352	1119	407	681	272	1635	473	80	198	528	378	201	431	66	133	228	29	486	55	61	98	429.4	1635	Dunlin	
sandpiper sp.	0	0	0	0	0	0	38	0	0	30	0	1	10	3	200	22	8	8	2	0	0	0	46	47	1	16.6	200	sandpiper sp.	
Shrt-bld Dowitcher	0	4	38	4	100	157	62	15	16	69	107	14	18	48	3	14	21	16	29	5	1	14	0	5	2	30.5	157	Shrt-bld Dowitcher	
Lng-bld Dowitcher	6	31	0	0	6	0	0	0	0	0	0	1	0	1	5	6	5	0	21	33	0	2	3	25	0	5.8	33	Lng-bld Dowitcher	
dowitcher, sp.	0	0	0	0	0	10	5	3	0	0	0	21	40	21	3	0	19	12	5	2	6	0	4	0	0	6.0	40	dowitcher, sp.	
Wilson's Snipe	1	2	18	2	8	16	11	1	9	12	1	13	5	9	4	3	3	1	1	5	3	1	4	5	4	5.7	18	Wilson's Snipe	
Wilson's Phalarope	0	0	0	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	2	Wilson's Phalarope
Red-necked Phalarope	14	0	1002	0	0	55	1	751	2	110	0	0	150	17	0	0	100	250	176	8	0	0	750	323	0	148.4	1002	Red-necked Phalarope	

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	25-yr ave	High Count	
Glaucous Gull	0	0	0	0	0	1	0	0	2	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	1	0.3	2	
Sabine's Gull	0	0	0	0	0	3	0	100	0	0	0	250	1	0	0	10	100	75	cw	0	0	50	0	0	24.5	250		
Black-legged Kittiwake	0	0	0	0	1	6	0	4	1	0	0	0	5	0	0	0	0	0	2	0	0	0	0	0	0.8	6		
Gull, sp	0	117	11	337	290	6	148	172	227	716	127	859	808	685	220	137	525	674	228	69	52	364	702	266	278	320.7	859	
Caspian Tern	1	17	33	55	19	16	9	5	47	9	231	155	302	409	763	1103	701	178	212	50	61	170	153	217	85	200.0	1103	
Common Tern	0	37	0	0	0	5	0	0	0	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2.1	37	
Arctic Tern	0	0	0	0	0	5	0	80	0	0	0	0	20	0	4	0	0	0	0	0	0	0	0	0	0	4.5	80	
Forster's Tern	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	
"Comic" Tern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.2	5	
tern sp.	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	
Common Murre	71	14	64	22	70	4006	2060	2250	3628	4518	8	1297	1564	2805	2501	5503	5910	5066	5505	4003	5008	1096	3106	15	610	2428.0	5910	
Pigeon Guillemot	654	1518	2765	2470	2810	190	432	287	546	353	365	982	557	410	272	701	529	430	225	340	278	487	337	293	277	740.3	2810	
Marbled Murrelet	65	12	44	69	28	5	75	13	62	42	37	113	15	38	19	38	28	71	58	92	35	159	30	89	14	50.0	159	
Ancient Murrelet	0	0	1	3	0	0	8	0	1	0	4	15	0	0	0	0	20	40	6	0	0	36	10	0	0	6.0	40	
Cassin's Auklet	3	0	0	0	0	8	10	200	1	100	0	56	500	0	0	1500	50	113	0	0	0	3-dead	150	0	0	117.0	1500	
Rhinoceros Auklet	1135	480	1116	637	364	81	337	960	574	206	1577	770	291	87	206	138	708	1098	1428	391	388	452	699	653	727	620.1	1577	
Tufted Puffin	52	3	4	11	53	30	61	116	74	33	1	19	111	105	11	55	82	9	9	2	9	34	36	0	8	37.1	116	
small alcid sp.	0	0	0	2	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	3	
alcid sp.	0	0	0	0	0	10	0	0	0	0	22	0	0	0	0	0	8	0	0	0	0	4	0	0	0	1.8	22	
Rock Pigeon	70	23	67	154	236	201	192	34	46	106	107	231	250	190	78	153	131	226	60	70	100	100	180	262	78	133.8	262	
Band-tailed Pigeon	351	228	217	227	470	227	194	155	291	116	289	161	323	176	179	210	215	154	145	110	347	111	228	187	88	216.0	470	
Eurasian Collared-Dove	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7	20	69	105	92	172	217	336	177	189	55.7	336	
Mourning Dove	12	24	28	21	42	48	62	61	154	117	122	171	195	147	119	126	136	115	105	97	92	60	129	55	43	91.2	195	
Barn Owl	3	2	2	6	15	3	4	3	3	3	2	15	6	1	2	1	6	8	6	2	4	7	5	2	4	4.6	15	
W. Screech Owl	0	2	0	1	6	3	3	2	4	3	2	2	1	2	1	2	5	5	5	1	1	1	0	1	0	5	2.3	6
Great Horned Owl	2	4	4	5	3	5	7	2	5	3	3	3	3	3	4	5	4	4	2	1	3	5	4	0	16	4.0	16	
N. Pygmy Owl	2	2	2	3	8	3	4	1	0	0	1	3	2	4	5	0	6	8	9	2	4	2	4	1	9	3.4	9	
Spotted Owl	0	0	0	0	3	0	2	0	3	1	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0.7	3
Barred Owl	0	0	1	1	2	0	0	1	5	3	10	7	8	2	4	6	7	5	18	6	7	11	13	3	30	6.0	30	
Sparred Owl	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1
Long-eared Owl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0.1	1	
Short-eared Owl	0	1	1	3	0	0	0	0	0	0	1	2	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0.5	3
N. Saw-whet Owl	0	0	1	2	6	0	2	3	1	0	1	2	1	3	2	0	2	5	8	3	3	1	3	1	4	2.2	8	
owl sp.	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0.2	2
Common Nighthawk	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Black Swift	5	0	0	35	0	0	0	0	0	0	0	1	0	0	0	0	0	6	0	0	3	0	9	0	9	2.4	35	
Vaux's Swift	146	20	491	39	33	179	76	22	90	14	22	169	106	26	172	8	6	115	100	11	14	119	15	42	9	81.8	491	
Anna's Hummingbird	0	0	2	0	0	2	0	0	0	1	0	1	3	6	1	13	19	14	28	30	50	86	110	83	54	20.1	110	
Calliope Hummingbird	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	1	0	0	0	0	0.2	3	
Rufous Hmngbird	115	106	106	219	177	319	305	115	221	198	256	228	301	246	183	253	187	97	108	117	173	157	195	116	105	184.1	319	
hummingbird sp. (not Rufous?)	0	0	0	1	0	4	0	0	1	2	2	2	1	1	0	2	0	1	1	2	1	6	1	2	2	1.3	6	
Belted Kingfisher	21	11	13	18	27	29	33	16	32	29	21	23	26	20	14	15	18	18	21	18	21	18	30	21	10	20.9	33	
Williamson's Sapsucker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	1
Rd-brstd Sapsucker	5	5	4	16	9	19	16	8	17	10	22	21	40	24	19	11	16	24	15	17	14	14	13	16	16	15.6	40	
Rd-napedXRd-brstd Sap.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.0	1	
sapsucker sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1
Downy Woodpecker	8	7	3	15	18	28	12	8	14	15	9	11	27	32	28	12	25	22	23	19	15	10	20	21	11	16.5	32	
Hairy Woodpecker	4	5	11	13	33	29	37	8	24	18	22	21	35	25	13	17	21	22	21	18	20	17	19	10	13	19.0	37	
Am Three-toed Wood.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.0	1	
N. Flicker	23	22	24	19	40	62	57	34	31	40	51	42	61	48	59	37	42	50	48	50	34	31	43	25	40	40.5	62	
Pileated Wdpecker	11	7	12	9	19	21	20	2	10	12	14	11	17	11	15	6	10	13	11	12	8	7	6	5	8	11.1	21	
woodpecker sp.	0	0	0	0	0	2	2	3	1	1	5	3	7	3	6	8	0	7	1	2	5	2	2	1	2	2.3	8	
Olive-sdd Flycatcher	8	4	2	20	3	0	9	18	26	1	11	28	25	34	11	4	10	7	9	7	5	7	20	13	16	11.9	34	
W. Wood-pewee	1	0	0	2	1	1	0	6	5	2	0	4	7	0	1	1	4	0	6	0	0	7	3	2	1	2.2	7	
Willow Flycatcher	0	0	0	0	0	1	0	1	2	2	0	1	1	0	0	0	0	0	1	1	1	0	0	0	2	0.5	2	
Hammond's Flycatcher	15	75	12	34	57	8	49	1	17	51	26	19	9	14	7	11	13	4	29	15	13	13	18	8	13	21.2	75	
Dusky Flycatcher	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1
Pac.-slope Flycatcher	58	57	45	105	91	14	89	64	126	45	38	174	61	76	47	26	77	54	108	63	86	110	83	79	82	74.3	174	
small flycatcher sp.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	1	0	1	0	0	0.2	2	
Eastern Kingbird	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1
Western Kingbird	1	0	1	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	1	1	2	0	4	1	1	0.7	4	
Northern Shrike	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1
Cassin's Vireo	0	0	2	0	4	1	1	1	0	3	3	9	0	2														

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	25-yr ave	High Count		
N. Rough-wgd Swal.	49	43	95	78	126	56	96	50	119	87	74	110	86	41	91	65	35	26	56	18	28	65	66	53	48	66.4	126	N. Rough-wgd Swal.	
Cliff Swallow	143	185	224	402	197	108	161	64	166	92	274	200	169	122	94	34	118	87	246	40	69	71	58	355	43	148.9	402	Cliff Swallow	
Barn Swallow	345	202	124	382	268	159	323	271	325	212	250	513	688	501	275	314	243	234	449	142	219	222	353	515	279	312.3	688	Barn Swallow	
swallow sp.	0	0	0	11	17	0	0	0	18	15	4	2	0	0	12	75	90	3	208	20	239	100	219	51	51	43.4	239	swallow sp.	
Blk-cppd Chickadee	12	22	26	44	51	93	63	66	81	115	105	80	102	51	80	50	129	77	54	50	60	47	52	57	36	64.1	129	Blk-cppd Chickadee	
Chnt-bck Chickadee	56	42	88	136	163	170	267	106	165	116	194	164	242	188	148	146	191	205	189	109	127	97	123	139	79	146.0	267	Chnt-bck Chickadee	
chickadee sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	chickadee sp.
Bushtit	64	34	27	32	29	37	76	62	45	50	47	27	73	39	21	31	24	20	31	9	14	28	44	33	19	36.6	76	Bushtit	
Red-brstd Nuthatch	27	23	32	62	50	39	49	36	86	62	79	116	131	60	85	60	112	64	90	57	53	60	66	74	30	64.1	131	Red-brstd Nuthatch	
White-breasted Nut	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	White-breasted Nut
nuthatch sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	nuthatch sp.
Brown Creeper	4	7	12	12	27	11	13	6	17	8	11	15	24	15	12	8	20	14	14	14	5	10	16	13	13	12.8	27	Brown Creeper	
Rock Wren	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	Rock Wren
Bewick's Wren	12	15	13	41	60	35	35	25	31	8	22	37	49	21	14	15	29	13	22	10	9	24	9	15	17	23.2	60	Bewick's Wren	
House Wren	10	2	9	3	3	5	16	2	5	10	18	11	16	8	3	7	14	4	7	14	34	16	10	11	14	10.1	34	House Wren	
Pacific Wren	40	90	56	88	139	245	204	90	105	96	67	209	84	137	85	86	126	110	155	61	95	87	80	58	80	106.9	245	Pacific Wren	
Marsh Wren	30	24	22	39	28	12	35	28	40	27	49	17	37	39	21	48	48	56	47	28	21	16	39	46	50	33.9	56	Marsh Wren	
wren sp.	0	0	0	0	0	0	0	6	22	0	0	4	0	1	0	0	0	0	0	0	2	0	0	1	0	0.0	1	0	wren sp.
American Dipper	0	4	3	7	6	7	9	7	5	11	6	10	8	8	5	8	7	3	10	4	6	9	4	1	6	6.2	11	American Dipper	
Gold-crwnd Kinglet	36	35	52	60	150	169	151	94	97	176	76	74	64	45	33	31	74	38	97	31	27	33	89	32	50	72.6	176	Gold-crwnd Kinglet	
Rby-crwnd Kinglet	4	6	12	8	13	15	5	2	3	16	9	18	6	17	10	3	4	6	16	0	3	6	3	0	1	7.4	18	Rby-crwnd Kinglet	
Western Bluebird	2	3	2	4	4	0	0	5	4	8	12	2	8	8	7	6	3	2	0	0	0	1	0	4	3	3.4	12	Western Bluebird	
Mountain Bluebird	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	2	0	1	0	1	0	0.5	3	Mountain Bluebird	
Tnsnd's Solitaire	3	0	6	2	1	14	5	3	4	8	2	3	7	1	6	0	1	2	0	2	4	1	5	0	8	3.5	14	Tnsnd's Solitaire	
Swainson's Thrush	5	6	1	21	6	6	32	26	74	2	14	18	28	31	4	8	2	2	12	6	2	15	122	28	19.9	122	Swainson's Thrush		
Hermit Thrush	0	1	6	2	7	90	39	7	4	18	5	38	11	14	43	10	15	28	24	18	13	5	43	5	16	18.5	90	Hermit Thrush	
Am. Robin	729	502	698	999	1034	2234	1180	746	970	734	718	1132	1441	1026	987	859	868	882	880	484	622	629	735	719	562	894.8	2234	Am. Robin	
Varied Thrush	7	23	28	22	45	369	151	35	32	67	16	68	50	68	38	59	61	97	68	72	55	62	55	40	57	65.8	369	Varied Thrush	
Sage Thrasher	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.0	1	0	Sage Thrasher
N. Mockingbird	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.0	1	0	N. Mockingbird
European Starling	299	326	629	1119	601	707	601	360	505	437	604	540	448	440	305	292	427	309	316	200	338	305	382	382	196	442.7	1119	European Starling	
Am. Pipit	0	40	4	0	45	83	41	20	1	3	2	3	3	40	5	4	95	0	10	28	5	27	18	121	20	24.7	121	Am. Pipit	
Cedar Waxwing	1	2	4	15	0	8	11	21	109	0	1	14	16	8	0	2	4	0	15	15	3	2	46	6	21	13.0	109	Cedar Waxwing	
Orange-cr. Warbler	46	42	85	157	154	251	144	67	145	71	98	139	185	160	680	101	291	129	195	95	146	138	156	104	79	154.3	680	Orange-cr. Warbler	
Nashville Warbler	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0.0	5	0	Nashville Warbler
Yellow Warbler	20	13	12	14	13	5	56	11	90	3	25	57	15	38	11	6	17	21	124	25	18	15	104	12	28	30.1	124	Yellow Warbler	
Yel-rmped Warbler	20	10	98	57	27	184	62	27	36	34	36	14	46	67	114	42	207	79	158	44	52	46	50	57	72	65.6	207	Yel-rmped Warbler	
Blk-thtd Gray Warbler	13	8	6	64	76	55	113	11	50	17	16	59	21	30	13	10	63	10	19	11	14	16	23	10	26	30.2	113	Blk-thtd Gray Warbler	
Tnsnd's Warbler	37	57	16	20	26	94	108	25	50	117	70	55	37	24	32	32	40	62	98	62	83	36	36	10	32	50.4	117	Tnsnd's Warbler	
Hermit Warbler	0	0	0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	0	1	3	1	0	0	0	0	0.4	3	0	Hermit Warbler
Hermit X Townsend's	0	0	0	0	0	0	10	0	1	0	0	0	0	0	0	0	0	1	4	1	6	0	0	0	0	0.9	10	0	Hermit X Townsend's
Palm Warbler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.0	1	0	Palm Warbler
MacGillivray's Warb.	2	2	3	32	39	15	18	11	23	6	11	35	13	14	8	14	20	13	19	27	10	13	24	11	20	16.1	39	0	MacGillivray's Warb.
Yellowthroat	15	31	40	58	63	38	56	16	43	15	10	27	30	25	7	13	29	12	43	32	32	10	46	45	51	31.5	63	0	Yellowthroat
Wilson's Warbler	74	38	120	201	214	140	264	146	230	45	92	248	127	281	141	89	236	209	172	153	245	199	280	155	218	172.7	281	0	Wilson's Warbler
warbler sp.	0	0	0	0	0	0	0	0	2	0	0	1	5	0	2	2	1	36	0	19	0	2	0	0	0	4.0	36	0	warbler sp.
Western Tanager	8	7	10	34	8	8	39	68	66	4	35	46	54	57	15	14	6	11	21	29	7	27	38	29	27	26.7	68	0	Western Tanager
Spotted Towhee	89	65	145	202	186	236	226	129	228	122	211	267	306	225	175	193	225	179	91	158	161	166	169	91	178.7	306	0	Spotted Towhee	
Chipping Sparrow	2	1	2	1	3	1	1	0	3	0	0	1	2	3	3	2	0	2	0	1	1	1	6	3	1.6	6	0	Chipping Sparrow	
Vesper Sparrow	1	3	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.3	3	0	Vesper Sparrow
Savannah Sparrow	95	116	163	383	185	529	224	113	216	158	265	211	313	408	538	143	228	217	258	111	108	76	109	143	187	219.9	538	0	Savannah Sparrow
Fox Sparrow	19	13	21	19	23	47	18	12	11	8	4	10	16	26	18	19	11	28	2	2	1	12	8	0	1	14.0	47	0	Fox Sparrow
Song Sparrow	175	197	285	539	478	485	512	248	607	329	406	670	606	421	335	287	368	366	338	187	197	241	311	319	263	366.8	670	0	Song Sparrow
Lincoln's Sparrow	5	6	2	4	2	7	2	1	2	0	4	3	4	1	7	3	3	12	2	0	1	1	0	1	2	3.0	12	0	Lincoln's Sparrow
Wh-throated Sparrow	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0.0	1	0	Wh-throated Sparrow
Harris' Sparrow	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	Harris' Sparrow
Wh-crwnd Sparrow	145	131	206	279	331	502	366	208	306	249	299	397	364	349	256	251	372	289	357	156	211	197	246	279	212	278.3	502	0	Wh-crwnd Sparrow
Gld-crwnd Sparrow	41	24	94	49	62	349																							

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	25-yr ave	High Count		
TOTAL	13738	14595	31751	27730	29617	33416	25098	22621	30424	29449	18307	24479	28596	24111	21028	26813	33537	24538	28263	16766	20887	18330	25605	18630	13996	24093.0	33537	TOTAL	
NO. OF SPECIES	165	161	172	178	182	193	175	177	177	177	169	179	188	192	181	173	192	176	203	189	182	183	194	170	187	180.6	203	NO. OF SPECIES	
Miles on foot		57	71.5	93	101.5	126	108.5	53.75	108	113.5	113	84	160.8	107.3	64	104.8	57	86.2	72.75	70.75	43.2	65.2	60.3	43.4	70.4	84.8	160.75	265 total spp	
Hours on foot		72.5	129.5	168.5	155.3	188	171.3	77	147.5	151.5	142.5	131	220.8	163	108.8	172	109	106.6	102.8	90.83	62.5	97.4	82	77.3	83.1	125.4	220.75	Miles on foot	
Miles by car		250.5	392	509.5	731	661.5	865.5	476	652.5	504	397	440.7	716	904.8	517.5	532	574	860.6	607	375.3	501.4	559	409.3	272.8	294.6	541.9	904.75	Miles by car	
Hours by car		42.5	34.25	44	60.5	83	68.2	25.5	50	48	46	65	61.5	76.9	48	25.5	57	62.5	46	38.9	44	53.5	39.6	35	35.6	49.6	83	Hours by car	
Miles by boat		28	40	52	91	67	40	50	16	74	27	4	160.8	3	52	59	61	70	83	0	20	25	59	0	19.5	45.9	160.75	Miles by boat	
Hours by boat		14	8	10.5	17	10	10	6.5	3	13	10.5	6	27.5	8	8.5	14.5	10.5	8	13	0	5	6.25	10	0	3.3	9.3	27.5	Hours by boat	
Miles by bicycle		?	2	0	0	9	16	14	11	11	0	0	0	10	0	0	0	0	1	0	0	0	0	0	10.5	12	4.2	16	Miles by bicycle
Hours by bicycle		0	0.5	0	0	13	4	3.5	3.5	5	0	0	0	3	0	0	0	0	2	0	0	0	0	5	4.4	1.8	13	Hours by bicycle	
Miles by horse		0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0.3	5	Miles by horse
Hours by horse		0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2	Hours by horse
Miles owling		13	3.5	7.5	48.5	16.5	57	44.5	46	25.5	45.5	41	23.75	36	16.75	52	76	80	71.5	49	30.5	94	47	18.5	84	42.8	94	Miles owling	
Hours owling		2.5	1.5	1.5	17	10.25	15.5	20	4	16.75	34.5	4	12.75	7.75	5	4.5	12.5	12	10.25	4.75	10	9.5	26	3	8.1	10.6	34.5	Hours owling	
Feeder Hours		65.5	85.5	88.5	104.8	143	132.5	58	56	98	95.5	54	130	83.5	74	42.25	53.5	74.25	71	57.5	114.3	57	109.7	36.3	15.5	79.2	143	Feeder Hours	
No. of parties		26	30	39	51	63	56	27	35	56	53	41	67	60	50	41	33	43	37	34	38	37	43	32	32	42.7	67	No. of parties	
No. of participants		54	55	72	85	106	104	53	59	93	110	77	104	100	73	91	47	78	60	46	61	60	60	57	43	72.8	110	No. of participants	
Total Party-Hours		197	259.3	313	354.5	447.3	401.5	190.5	264	332.3	329	260	452.5	342.2	244.3	258.8	242.5	263.4	245	192	235.8	225.7	267.3	156.6	150	276.0	452.5	Total Party-Hours	
Ave. Hours/Party		7.58	8.64	8.03	6.95	7.10	7.17	7.06	7.54	5.93	6.21	6.34	6.75	5.70	4.89	6.31	7.35	6.12	6.62	5.65	6.21	6.10	6.22	4.89	4.69	6.5	8.64	Ave. Hours/Party	
Date		14-May	13-May	11-May	10-May	9-May	8-May	13-May	12-May	18-May	10-May	8-May	18-May	13-May	12-May	10-May	9-May	8-May	14-May	12-May	11-May	10-May	9-May	14-May	13-May	12-May		Date	