

Numbers of birds banded at Thunder Cape Bird Observatory in the Fall (July 1 to end of season) 1991 to 2010 - highest totals in bold

Species	Code	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
American Bittern	AMBI												1									1
Great Blue Heron	GBHE			2																		2
Lesser Snow Goose (White phase)	LSGO												1									1
Lesser Snow Goose (Blue phase)	BLGO														1						1	2
Canada Goose	CAGO						1		1	3									1			6
Small Canada Goose <i>hutchinsii</i>	SCGO																	5				5
Cackling Goose	CACG															2					1	3
Mallard	MALL					1																1
Sharp-shinned Hawk	SSHA	174	292	329	468	145	248	358	147	388	120	150	119	203	94	126	60	119	127	103	195	3965
Cooper's Hawk	COHA		1	1	1										1		1					5
Northern Goshawk	NOGO	2	16	1	5	1	3	8	1	3	1	1	5		4			2	2	3		58
Broad-winged Hawk	BWHA	7	5	6	6	1	1	5	2	9	2	2		4	4	3	2	1	1	3	3	67
Red-tailed Hawk	RTHA												1	2								4
American Kestrel	AMKE		1							1						1	1	2		1	6	13
Merlin	MERL	2			1						1				1	2	1		2	3	3	16
Peregrine Falcon	PEFA																	1				1
Sora	SORA					1	1		1					1			1					5
Killdeer	KILL						1															1
Lesser Yellowlegs	LEYE										2											2
Solitary Sandpiper	SOSA							1										1	1		1	4
Spotted Sandpiper	SPSA					1				1						1						3
Semipalmated Sandpiper	SESA						4			1			1						1			7
Least Sandpiper	LESA						3			3			6					1			2	15
Stilt Sandpiper	STSA																				1	1
Common Snipe	COSN					1					1					1					2	5
American Woodcock	AMWO														1						1	2
Ring-billed Gull	RBGU	1								1							1		1			4
Herring Gull	HERG																	1	1			2
White-winged Dove	WWDO					1																1
Mourning Dove	MODO	1		1	2	3		2	1	1	1		3	1		3		2		2	2	25
Black-billed Cuckoo	BBCU	1				1			1			1		4	1			4		2	4	19
Yellow-billed Cuckoo	YBCU	1		1												3	1	2		1	1	10
Great Horned Owl	GHOW												1	2								3
Long-eared Owl	LEOW	1	3			2				2	1					1				1		12
Boreal Owl	BOOW		3			2	2			2	18									3		30
Northern Saw-whet Owl	NSWO	61	48	110	400	263	217	391	311	642	350	285	413	573	137	359	422	481	227	449	625	6764
Common Nighthawk	CONI	2		1	20	4		1	1	11		4		1	4	2	1	7	7	17	31	114
Belted Kingfisher	BEKI		1								1								1			3
Red-bellied Woodpecker	RBWO									1				1			1					3
Yellow-bellied Sapsucker	YBSA		6	1	4	6		10	3	3	9	2	4	1	37	7	6	76	5	3	16	199
Downy Woodpecker	DOWO	102	516	126	35	184	5	15	24	21	40	59	114	150	63	14	41	100	31	141	50	1831
Hairy Woodpecker	HAWO	6	27	8	9	33		1			2	9	9	19	23	10	30	14	18	22	22	250
Three-toed Woodpecker	TTWO									2							5	5	4		6	22
Black-backed Woodpecker	BBWO		1	2		1		1	3	35	38	33	26	21	27	9	48	44	19	28	22	358
Yellow-shafted Flicker	YSFL	20	8	27	5	41		4	17	4	14	16	15	16	7	13	29	64	4	4	83	391
Flicker Intergrade	FLIN		3											1							2	6
Pileated Woodpecker	PIWO	3	7	4	7	1	3	2	5	3	9	9	2	7	5	8	4	8	6	8	14	115

Numbers of birds banded at Thunder Cape Bird Observatory in the Fall (July 1 to end of season) 1991 to 2010 - highest totals in bold

Species	Code	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Olive-sided Flycatcher	OSFL						1	1								1	2		2	3		10
Eastern Wood-Pewee	EAWP	1				3					1							1				6
Yellow-bellied Flycatcher	YBFL	1	42	54	28	39	34	32	11	30	22	22	15	13	15	24	7	38	23	15	22	487
Alder Flycatcher	ALFL										2											2
Trail's Flycatcher	TRFL	76	35	116	61	108	50	35	37	44	17	86	32	48	45	109	52	159	53	45	81	1289
Willow Flycatcher	WIFL														1							1
Least Flycatcher	LEFL	8	29	48	27	44	12	11	8	14	11	12	5	19	10	24	16	39	9	10	6	362
Eastern Phoebe	EAPH	1	1		1	4				1			4	2	2		3	4			3	26
Great Crested Flycatcher	GCFL	1	1	5																		7
Sulphur-bellied Flycatcher	SBFL																					1
Western Kingbird	WEKI			1																		1
Eastern Kingbird	EAKI	2	1											1				1				5
Scissor-tailed Flycatcher	STFL	1														1						2
Northern Shrike	NSHR			2		7				2		1	1	8	4	1	2	2		1	1	32
White-eyed Vireo	WEVI														1							1
Bell's Vireo	BEVI																	1				1
Yellow-throated Vireo	YTVI	1																				1
Blue-headed Vireo	BHVI	63	36	45	22	16	8	11	8	8	19	14	11	41	20	28	17	38	25	12	6	448
Warbling Vireo	WAVI						1															1
Philadelphia Vireo	PHVI	17	4	24	12	20	8	5	1	1	2	2	2	12	3	6	5	13	2	2		141
Red-eyed Vireo	REVI	209	27	161	57	77	22	29	23	17	13	34	25	48	18	62	24	77	24	17	16	980
Gray Jay	GRAJ	7		5	2	64		1		10		2		45			40	10				306
Blue Jay	BLJA	56	23	23	20	64	7	22	15	16	17	32	41	90	83	157	72	202	58	43	112	1153
American Crow	AMCR				1									1	1							5
Horned Lark	HOLA			1	3	21	4	1	7	116	4	22	31	52	32	172	10	100	7	14	39	636
Cliff Swallow	CLSW																					3
Tree Swallow	TRES						6															4
Black-capped Chickadee	BCCH	310	331	930	166	1879	95	301	56	392	148	2602	111	1143	545	70	203	483	116	63	285	10229
Boreal Chickadee	BOCH	9	2	22	1	19	4	12	2	24		4		1	6	2	1	16	13		6	144
Red-breasted Nuthatch	RBNU	18	36	37	200	58	508	24	285	67	30	44	19	143	170	47	182	137	84	95	28	2212
White-breasted Nuthatch	WBNU								1			8					1	1	3	1		15
Brown Creeper	BRCR	130	75	90	49	69	34	38	41	44	90	126	144	130	119	156	192	134	176	149	74	2060
House Wren	HOWR																	1				1
Winter Wren	WIWR	4	4	5	6	36	3	5	4	14	6	13	14	6	28	12	12	44	9	19	5	249
Sedge Wren	SEWR			1																		1
Marsh Wren	MAWR		1	1			1															3
Golden-crowned Kinglet	GCKI			211	128	246	59	25	61	105	87	198	383	117	485	213	587	92	260	108	59	3424
Ruby-crowned Kinglet	RCKI	70	308	92	29	108	20	29	10	43	61	54	103	59	218	109	52	39	59	47	6	1516
Blue-gray Gnatcatcher	BGGN						1															1
Eastern Bluebird	EABL		6	1		1			2		1	1	10	4	2	1	2	2			1	34
Townsend's Solitaire	TOSO																					2
Veery	VEER	11	4	2	3	9	2	1	7		3	1	2	2	7		1	1	1	1	3	61
Gray-cheeked Thrush	GCTH	21	5	9	1	71	8	14	5	4	4	3	5	14	14	17	11	24	6	12	6	254
Swainson's Thrush	SWTH	415	78	115	31	435	68	89	71	35	51	64	65	271	117	153	97	363	73	148	249	2988
Hermit Thrush	HETH	18	14	14	6	42	4	11	7	6	14	6	19	10	18	17	14	15	9	12	23	279
Wood Thrush	WOTH																					1
American Robin	AMRO	1	4	3	2	34	2	10	10		8	12	8	37	6	5	7	33	7	3	73	265

Numbers of birds banded at Thunder Cape Bird Observatory in the Fall (July 1 to end of season) 1991 to 2010 - highest totals in bold

Species	Code	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total	
Gray Catbird	GRCA		2	1		6		1			2		4	2			1	4		1	2	26	
Northern Mockingbird	NOMO					1																1	2
Brown Thrasher	BRTH										1												1
European Starling	EUST															1		1					2
American Pipit	AMPI	1		1		2	2	1		24	4		1	2	4	10	1	2	3	12	3	73	
Bohemian Waxwing	BOWA			1		2		6	2	1				1								1	14
Cedar Waxwing	CEDW	32	39	27	71	272	19	70	11	13	36	40	25	36	17	15	27	56	9	21	65	901	
Golden-winged Warbler	GWWA			1														1					2
Tennessee Warbler	TEWA	72	190	407	236	250	131	30	14	17	114	52	199	397	148	625	164	215	51	85	39	3436	
Orange-crowned Warbler	OCWA	45	45	23	16	24	7	7	10	4	2	5	31	33	28	30	23	42	18	12	3	408	
Nashville Warbler	NAWA	142	120	266	209	150	152	77	39	74	40	75	96	171	189	792	195	592	194	205	110	3888	
Virginia's Warbler	VIWA											1											1
Northern Parula	NOPA	4	8	7	3	6	11	4	1	3	4	5	4	16	5	9	8	3	5	3	4	113	
Yellow Warbler	YWAR	9	6	13	6	14	9	5	4	23	5	26	14	14	19	30	14	16	12	7	12	258	
Chestnut-sided Warbler	CSWA	14	35	38	36	37	28	11	13	10	14	14	24	23	16	23	21	23	8	16	14	418	
Magnolia Warbler	MAWA	79	177	104	121	111	104	53	64	75	56	94	68	82	64	103	92	123	79	53	39	1741	
Cape May Warbler	CMWA	32	46	293	83	79	93	32	14	16		12	8	62	20	50	21	23	15	5	5	909	
Black-throated Blue Warbler	BTBW	11	24	17	12	17	8	12	8	20	13	18	29	26	10	12	20	15	18	9	8	307	
Myrtle Warbler	MYWA	266	167	423	187	462	119	154	50	76	38	81	161	342	184	466	258	371	181	185	94	4265	
Black-throated Green Warbler	BTNW	67	101	141	108	59	46	39	21	31	59	77	61	68	59	109	26	89	52	62	31	1306	
Townsend's Warbler	TOWA																		1				1
Blackburnian Warbler	BLBW	9	45	29	30	37	46	13	8	13	10	19	24	43	7	34	8	28	9	13	6	431	
Prairie Warbler	PRAW			1																			1
Western Palm Warbler	WPWA	295	293	230	145	403	295	199	68	173	36	168	195	378	133	304	218	388	215	100	104	4340	
Yellow Palm Warbler	YPWA									1											1		2
Bay-breasted Warbler	BBWA	6	35	95	34	15	19	11	8	11	6	10	19	4	3	31	4	36	5	3	6	361	
Blackpoll Warbler	BLPW	130	89	91	26	57	21	24	13	36	14	35	36	104	85	244	30	206	57	37	15	1350	
Black-and-White Warbler	BAWW	31	100	91	84	52	83	51	28	37	21	43	70	78	45	84	76	140	64	53	43	1274	
American Redstart	AMRE	217	532	247	255	239	271	100	114	118	140	245	217	252	92	149	181	261	138	125	86	3979	
Ovenbird	OVEN	23	31	41	21	43	29	26	14	8	17	31	21	29	14	48	33	56	30	21	16	552	
Northern Waterthrush	NOWA	29	47	27	45	73	58	75	79	51	45	85	118	70	51	155	192	93	80	51	95	1519	
Kentucky Warbler	KEWA													1									1
Connecticut Warbler	CONW		1	2			2	1			1		1		1	3	3	3			1	19	
Mourning Warbler	MOWA	21	31	47	37	36	37	29	12	29	13	46	19	21	29	46	29	28	6	7	25	548	
Common Yellowthroat	COYE	26	20	20	7	38	4	5	7	11	2	11	12	19	11	19	22	20	6	4	20	284	
Hooded Warbler	HOWA				1																		1
Wilson's Warbler	WIWA	20	37	27	20	6	25	13	5	15	16	26	19	7	29	16	21	36	22	10	6	376	
Canada Warbler	CAWA	22	59	65	79	67	63	46	19	21	16	29	31	25	28	39	24	67	33	47	38	818	
Scarlet Tanager	SCTA			1				2		1										2			6
Green-tailed Towhee	GTTO																					1	1
American Tree Sparrow	ATSP	80	8	52	8	158	3	144	19	56	30	204	57	171	196	65	19	123	13	37	59	1502	
Chipping Sparrow	CHSP	30	49	66	83	108	88	181	53	115	13	60	127	73	86	190	266	245	149	146	79	2207	
Clay-colored Sparrow	CCSP	5	3	5	4	5	4	4	4	3	1	4	4	7	3	4	10	12	10	4	7	103	
Field Sparrow	FISP											1											1
Vesper Sparrow	VESP																					1	1
Lark Sparrow	LASP												2	1									3
Lark Bunting	LARB													1									1

Numbers of birds banded at Thunder Cape Bird Observatory in the Fall (July 1 to end of season) 1991 to 2010 - highest totals in bold

Species	Code	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total	
Savannah Sparrow	SAVS	58	27	85	57	212	135	103	104	124	59	187	192	204	102	269	208	268	127	99	388	3008	
Grasshopper Sparrow	GRSP																1					1	2
Le Conte's Sparrow	LCSP	2		1	3	5		2	4	1		4	2		1	3		2	3				33
Nelson's Sharp-tailed Sparrow	NSTS								1	1		1											3
Fox Sparrow	FOSP	4	3	1		10	1	3	5	1		6	3	9	3	2	3	7	5	1	6		73
Song Sparrow	SOSP	26	45	83	88	97	70	56	52	39	42	86	75	98	53	77	81	103	32	46	72	1321	
Lincoln's Sparrow	LISP	36	13	31	27	68	21	47	48	39	15	44	38	73	52	55	37	86	41	28	59	858	
Swamp Sparrow	SWSP	15	16	33	17	61	24	22	35	38	19	35	28	18	24	25	43	55	19	13	34	574	
White-throated Sparrow	WTSP	53	23	28	60	70	14	40	55	17	34	93	45	38	31	36	74	129	32	40	54	966	
Harris's Sparrow	HASP	6	1			10		11	4	2		3	4	4		1	1	4			6	57	
White-crowned Sparrow	WCSP	104	2	6	5	80	3		11	2	1								1			215	
Eastern White-crowned Sparrow	EWCS							4	1	1		6	1	1		1		17	1	1	8	42	
Gambel's White-crowned Sparrow	GWCS	63	6	30	25	2	1	49	1	5	5	31	16	26	8	13	12	54	5	7	30	389	
Slate-colored Junco	SCJU	456	38	391	16	1332	14	1490	216	156	100	762	139	487	886	515	47	403	139	66	110	7763	
Oregon Junco	ORJU											2			2	4		3	3	1		15	
Lapland Longspur	LALO	4	5	13	2	38	2	1	10	63	4	5	188	41	47	79	16	56	15	8	19	616	
Smith's Longspur	SMLO	1																				1	
Snow Bunting	SNBU		59	55	3	30		3	1	217	9	33	174	164	16	6	100	21	3	53	62	1009	
Northern Cardinal	NOCA										1											1	
Rose-breasted Grosbeak	RBGR	12	2	7	1	12	1		1	3	2	3	7	12	3	6	1	19	2	6	8	108	
Indigo Bunting	INBU	1		2	1			2	2	3	1	4		4	4	2	4	2	1		1	34	
Dickcissel	DICK		1							1												2	
Bobolink	BOBO															1						1	
Red-winged Blackbird	RWBL	1			4	9	5	3	3	5	2	2	9		2	7	8	12		13	4	89	
Western Meadowlark	WEME								1		1					1		1				4	
Yellow-headed Blackbird	YHBL															1		1				2	
Rusty Blackbird	RUBL	2	1	2	5	10	23		6	2	3	10	91	11	17	4	4	10	10	11	8	230	
Common Grackle	COGR	4	5	9	7	7	8	5	1	6		7	8	5	9	14	14	20	10	9	35	183	
Brown-headed Cowbird	BHCO		1		1	1		2					1						1	2	2	11	
Pine Grosbeak	PIGR			4		2		1			6	1		2				2			9	27	
Purple Finch	PUFI	19	8	61	10	16	13	14	13	1	12	7	5	9	58	2	3	57	11	11	8	338	
House Finch	HOFI																		1			1	
White-winged Crossbill	WWCR	1						1	1	2		6	1	3	2				3	5		25	
Common Redpoll	CORE	1	3	70		1		72	2	76		21		3			6	28	2		1	286	
Hoary Redpoll	HORE			1				1														2	
Pine Siskin	PISI	7	3	4	173	2	14	5	12	19	8	5		9	34	1	4	25	47	13	17	402	
American Goldfinch	AMGO	5	3	17	3	7	3	2		17	7	25	5	8	27	31		85	41	5	9	300	
Evening Grosbeak	EVGR	4	4	48	8	105	26	8			3							1	2		2	211	
House Sparrow	HOSP					2	1			4	1	3	1	1		2		2	1	1	2	21	
Total banded		4438	4614	6519	4303	9185	3607	4879	2482	4063	2322	6844	4502	7113	5337	6816	4921	7819	3521	3383	4321		
banded in August		1437	1006	2137	1739	1737	1235	1059	1008	988	645	1274	1039	1454	621	2591	1908	2892	921	913	817		
banded in September		2192	2223	2967	1161	3279	1338	1305	868	1391	852	1981	1528	3279	1981	2468	1299	2920	1681	1006	2176		
banded in October		1144	1250	1286	941	4141	1027	2437	606	1607	817	3476	1827	2380	2729	1760	1695	2007	919	1328	1053		
Total species/ forms		92	91	98	86	101	85	92	89	101	89	93	92	99	92	97	94	112	100	91	112		