

# **APPENDIX M**

## **BIRD NESTING DATA (1984-2011)**

Appendix M. Bald Head Island shorebird monitoring data between 1984 and 2011 provided by NC Wildlife Resources Commission.

Date	Species	Number of Birds	Number of Breeding Pairs	Habitat	Landside	Comments	Latdeg	Latmin	Longdeg	Longmin	Lat-Long Accuracy
1984	Piping Plover	10		sand spit-inlet beach	inlet	New Inlet --from old data compiled by John Fussell -- American Birds and Bill Brokaw	33	54	77	52.20000076	estimate from map
1985	Piping Plover	2			inlet	New Inlet -data from American Birds, Bill Brokaw, John Fussell	33	54	77	52.20000076	estimate from map
1986	Piping Plover	1			inlet	New Inlet -data from American Birds, Bill Brokaw, John Fussell	33	54	77	52.20000076	estimate from map
1987	Piping Plover	1			inlet	New Inlet- data from American Birds, Bill Brokaw, John Fussell	33	54	77	52.20000076	estimate from map
1988	Piping Plover	0			inlet	New Inlet- data from American Birds, Bill Brokaw, John Fussell	33	54	77	52.20000076	estimate from map
1989	Piping Plover	0			inlet	New Inlet- data from American Birds, Bill Brokaw, John Fussell	33	54	77	52.20000076	estimate from map
1987	Piping Plover	1				from data compiled by David Allen	33	54	77	52.20000076	estimate from map
1989	Piping Plover	4				from data compiled by David Allen	33	54	77	52.20000076	estimate from map
5/26/1989	Wilson's Plover	17	8	sand beach/dunes/sand spit-inlet beach	ocean, inlet	8 pairs and 1 territorial female, 1 nest found with 3 eggs, 3 young chicks seen also.	33	54	77	52.20000076	estimate from map
5/26/1989	Piping Plover	0				Areas surveyed: From Mouth of Bald Head Creek to beyond the river point, from site of old coast guard station (Capt. Charlie's) to the cape point and N to New Inlet	33	54	77	52.20000076	estimate from map
12/31/1990	Piping Plover	0			ocean, inlet	South side of New inlet (shoaled in since then)	33	54.7999992	77	57	estimate from map
1/19/1991	Piping Plover	0					33	51	77	58	estimate from map:center of larger area covered
6/8/1991	Piping Plover	0					33	51	77	58	estimate from map
7/1/1994	Piping Plover	0					33	51	77	58	estimate from map:center of larger area covered
1/18/1996	Piping Plover	0					33	54	77	52.20000076	estimate from map

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6/1/1996	Piping Plover	0					33	54	77	52.20000076	estimate from map
7/1/1997	Piping Plover	0					33	51.4000015	78	0	estimate from map
7/1/1998	Piping Plover	0					33	54	77	52.20000076	estimate from map
6/1/1999	Piping Plover	0					33	54	77	52.20000076	estimate from map
7/1/1999	Piping Plover	0					33	54	77	52.20000076	estimate from map
6/1/2000	Piping Plover	0					33	54	77	52.20000076	estimate from map
7/1/2000	Piping Plover	1				north end	33	54	77	52.20000076	estimate from map
9/28/2000	Piping Plover	1					33	54.9000015	77	55.79999924	estimate from map
11/17/2000	Piping Plover	1			ocean		33	51.5	78	0.5	estimate from map
2/1/2001	Piping Plover	0					33	50.7799988	77	57.93999863	hand held GPS
3/3/2001	Piping Plover	1		sand beach/intertidal surf	ocean	50 yards west of Captain Charlie's crossover (.75 mi west of Cape Fear)	33	51.3300018	78	0	estimate from map
3/22/2001	Piping Plover	2		dunes	ocean	chasing Wilson's, these 2 pipers were in the area of beach disposal	33	52	78	0.60000024	estimate from map
3/22/2001	Piping Plover	1		sand beach/intertidal surf	ocean	100 yards east if Captain Charlie's crossover (.25 mi west of Cape Fear)	33	51.5	78	0.33000013	estimate from map
3/27/2001	Piping Plover	0					33	52	78	0.60000024	estimate from map
3/27/2001	Piping Plover	1		sand beach	ocean	east of Cpt. Charlie's crossover (.25 mi west of Cape Fear)	33	51.5	78	0.33000013	estimate from map
3/27/2001	Piping Plover	3		sand beach/intertidal surf	ocean	east of Cpt. Charlie's crossover (.5 mi west of Cape Fear)	33	51.4000015	78	0.25	estimate from map
5/26/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	west beach	33	52.1100006	78	0.62999995	hand held GPS
5/26/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	Cape Fear	33	50.5600014	77	57.68000031	hand held GPS
5/26/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	south beach	33	51.1100006	77	59.20000076	hand held GPS

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5/30/2001	Piping Plover	0				sand disposal on beach front in center part of survey area- this area not surveyed	33	51.5499992	78	0.60000024	estimate from map
5/30/2001	Wilson's Plover	18	9	overwash/dunes	ocean	9 breeding pairs	33	54	77	52.20000076	estimate from map
5/30/2001	American Oystercatcher	2	1	overwash/dunes	ocean	1 breeding pair	33	54	77	52.20000076	estimate from map
5/30/2001	Willet	22	11	overwash/dunes	ocean	11 breeding pairs	33	54	77	52.20000076	estimate from map
6/2/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	Cape Fear	33	50.5600014	77	57.68000031	hand held GPS
6/2/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	west beach	33	52.1100006	78	0.629999995	hand held GPS
6/2/2001	Piping Plover	0		sand beach/dunes/mud flat-sandflat	ocean	south beach	33	51.1100006	77	59.20000076	hand held GPS
7/1/2001	Piping Plover	0					33	51.5	78	0	estimate from map
7/8/2001	Piping Plover	5		intertidal surf	ocean	.25 mi. west of Cape Fear	33	50.5	77	58.15000153	estimate from map
8/16/2001	Piping Plover	1		intertidal surf	ocean	near mouth of Cape Fear river	33	51.5999985	78	0.60000024	estimate from map
7/1/2002	Piping Plover	0		sand beach/sand spit-inlet beach	inlet, sound, ocean		33	51	77	58	survey not site specific
8/23/2002	Piping Plover	1		sand beach/intertidal surf	ocean	midway btwn Cape Fear and the mouth of the Cape Fear River, no bands	33	50.5600014	77	57.68000031	estimate from map
9/13/2002	Piping Plover	1		intertidal surf	ocean	.5 miles W of Cape Fear, no bands	33	51.4000015	78	0.25	estimate from map
11/25/2002	American Oystercatcher	30				aerial survey	33	51	77	58	survey not site specific
6/23/2003	Piping Plover	0					33	51	77	58	survey not site specific
6/4/2004	American Oystercatcher	2	1		ocean	~2 miles past sign; 1 breeding pair	33	52.9000015	77	57.5	survey not site specific
6/4/2004	Wilson's Plover	2	1		ocean	1 breeding pair; nest with 3 eggs observed at the The Point	33	50.5	77	57.79999924	estimate from map

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6/4/2004	Wilson's Plover	2	1		ocean	1 breeding pair; 1 chick observed in a washover behind the first row of dunes. Another male flew into pairs territory causing pair to defend chick and territory; ~2 miles past sign	33	52.9000015	77	57.5	estimate from map
7/1/2005	Piping Plover	0					33	51	77	58	survey not site specific
2/1/2006	Piping Plover	0					33	51	77	58	survey not site specific
5/2/2006	Piping Plover	4			ocean	South Point	33	51	77	58	survey not site specific
6/7/2006	Red Knot	30				east beach	33	51	77	58	survey not site specific
6/7/2006	Piping Plover	0				mid and rising tide	33	51	77	58	estimate from map:center of larger area covered
7/1/2006	Piping Plover	0	0				33	51	77	58	survey not site specific
6/6/2007	Wilson's Plover	1				North End of Island; non committal - possibly just a single male	33	54.428299	77	56.90650177	estimate from map:center of larger area covered
6/6/2007	American Oystercatcher	4	2			N end of Bald Head Island - 2 pair on beach - appear to be finished nesting	33	54.428299	77	56.90650177	estimate from map:center of larger area covered
6/6/2007	Wilson's Plover	4	2			South Point; one territory had nest with 3 eggs; other had agitated adults	33	50.5974998	77	57.74449921	estimate from map
6/6/2007	Wilson's Plover	16	8			North End of Bald Head Island - defensive behavior	33	54.428299	77	56.90650177	estimate from map:center of larger area covered
2010	American Oystercatcher	2	1			Observed by Emily Rice (waterbird biotech)					
2011	Wilson's Plover	6	3			Observed by BHIC.					