

CIR	DATE	LAT	LONG	ZONE	LOCATION	NEST#	DIST- H20	DIST- DUNE	DIST- LHT	SITE- TYPE	ACT-TYPE	SPECIES	TREAT	RELOCATION	EGG#	PROJ-HATCH	DIG-DATE	HATCH- DATE	DUG	#EMERGE	% HATCH	COMMENTS	
972279	5/31/1997			117	67.5	O1	33	10		NA	n	CC	UR		88	7/30/1997	8/24/1997		y	35	39.77	at dig; 53 undeveloped eggs	
973001	6/3/1997			87	34.7		50	100	1000	VIL	fc	CC											turtle on beach when reported by visitor at 9:45am; turtle likely disturbed
972286	6/13/1997			91	68.9	O2	75	2		NA	n	CC	UR		154	8/12/1997	9/6/1997		y	0	0.00	at dig; all undeveloped eggs	
973002	6/13/1997	35 17 55.81	75 30 46.23	120	Canad. Hole		100	0	~1 mi	NA	fc	CC											
973003	6/18/1997	35 14 39.7	75.31 31.5	94	.8mi. s CHLH		10	8	.8 MI	NA	fc	CC											
973004	6/18/1997	35 13 6.0	75 31 41.50	98	2.6 s CHLH		0		2.6	ORV	fc	CC											no body pit; popular fishing spot
973005	6/18/1997	35 13 39.76	75 32 21.58	96	46.1																		spaghetti crawl
973007	6/21/1997	35 13 34.19	75 32 12.76	97	45					ORV	fc	CC											no body pit
973006	6/21/1997	35 17 38.78	75 30 48.01	91	canad. hole		15	70	~1mi.	na	fc	cc											
973008	6/24/1997	35 23 42.81	75 29 16.13	85	32.8	H1	100	0	~1.5mi	orv	n	cc	r	canhole	106	8/23/1997	9/17/1997		y	78	73.58	at dig; 2live;2 dead	
972293	6/25/1997			117	72	O3	80	1		orv	n	cc	r	.1mi s R67	144	8/24/1997	9/18/1997		y	139	96.53	spaghetti crawl 1dead 4 unhatched/undeveloped.	
973010	28-Jun	35 23 41.27	75 29 16.1	86	33	H2	5	200	1.5mi	orv	n	cc	r	R30	120	8/27/1997	9/21/1997		y	113	94.17	at dig; 1 live;1 dead	
973009	6/28/1997	35 11 37.42	75 43 59.57	106	56.8		0	80	1.8mi	orv	fc	cc											appeared to have been stopped by steep escarpment
973012	6/29/1997	35 15 34.41	75 31 10.15	93	CHLH beach	H3	19	70	~.1mi	du	n	cc	r	canhole	130	8/28/1997	9/22/1997		y	122	93.85	at dig:3 live; 3dead	
972294	6/29/1997			116	66.6	O4	45	20		na	n	cc	ur		106	8/28/1997	9/22/1997		y	1			105unhatched undeveloped
973011	6/29/1997	35 13 41.85	75 37 28.29	102	49.5		14	18	.5mi	na	fc	cc											
973013	6/30/1997	35 13 48.68	75 31 39.95	95	44	H4	60	250	2.5mi	orv	n	cc	r	canhole	148	8/29/1997	9/23/1997		y	0	0.00	at dig: all undeveloped eggs	
973014	7/1/1997	35 12 49.48	75 40 37.13	104	Gen.MitchMot	H5	11	0	100'	vil	n	cc	r	r30	100	8/30/1997	9/24/1997		y	91	91.00	wp1	
973015	7/3/1997	35 13 39.24	75 37 45.25	102	50.3	H6	0	15	20'	vil	n	cc	r	so.lighthouse	127	9/1/1997	9/26/1997		y	33	25.98	wp3; nest at high water mark; at dig: all eggs undeveloped.	
973016	7/4/1997	35 17 47.47	75 30 46.34	92	40.3	H7	30	84	3mi	vil	n	cc	r	canhole	155	9/2/1997	9/27/1997		y	119	76.77	wp4 ; at dig; 2 live in nest	
972303	7/6/1997			120	68.3	O5	60	1		na	n	cc	ur		166	9/4/1997	9/29/1997		y	0	0.00	166unhatched undeveloped	
973017	7/7/1997	35 13 17.23	75 31 51.13	95	44		15	500		orv	fc	cc											
973018	7/8/1997	35 14 00.61	75 35 49.8	100	48.6	H8	70	5	1.5mi	orv	n	cc?	r	so. lighthouse	88	9/6/1997	10/1/1997		y	84	95.45	wp5; bigger eggs&body pit; at dig: 3 live; 3 dead;	
	7/10/1997	35 32	75 24	75	23.1	B1	2	130	500'	orv	n	cc	r	R 30 south	112	9/8/1997	10/3/1997		y	104	92.86	1 live 4dead 3 unhatched	
972316	7/10/1997			118	68.5	O6				na	n	cc	ur		122	9/8/1997	10/3/1997		y	104	85.25	17 unhatched 1dead	
972313	7/10/1997			113	62.8	O7	12	12		na	n	cc	r	same; 12' back	144	9/8/1997	10/3/1997		n		0.00	washed out	
972314	7/10/1997			112	61.9					na	fc	cc											
972315	7/10/1997			112	61.2					na	fc	cc											
973019	7/10/1997	35 13 19.53	75 39 00.54	102	50.5	H9	60	2	1.5mi	vil	n	cc	r	lighthouse site	127	9/8/1997	10/3/1997		y	120	94.49	wp6; at dig 17 dead; 32alive and vigorous	
972317	7/11/1997			113	62.6		11	18		na	fc	cc											
973020	7/11/1997	35 12 24.15	75 41 49.84	93	54.5	H10	25	0	100'	vil	n	cc	r	canhole	100	9/9/1997	10/4/1997		y	80	80.00	wp7 20 unhatched	
973021	7/11/1997	35 16 28.20	75 31 02.54	105	41.5	H11	25	25	.25mi	vil	n	cc	r	canhole	160	9/9/1997	10/4/1997		y	129	80.63	wp8 7dead 17unhatched	
973022	7/13/1997	35 18 59.38	75 30 31.67	90	39.4	H12	60	75	2mi	orv	n	cc	r	canhole	144	9/11/1997	10/6/1997		y	138	95.83	wp9 2dead 3undeveloped 1developed	
973023	7/13/1997	35 13 37.46	75 37 51.60	102	50.4	H13	35	50	150'	vil	n	cc	r	canhole	113	9/11/1997	10/6/1997		y	102	90.27	wp10 3dead 7undeveloped 1developed	
973024	7/14/1997	35 24 42.63	75 29 07.25	85	32.8					orv	fc	cc											
973025	4/14/1997	35 19 38.13	75 30 21.28	83	37.4	H14	45	70	280'	vil	n	cc	r	canhole	81	9/12/1997	10/7/1997		y	73	90.12	7unhatched 1live	
973026	7/14/1997			94	42.5	H15	70		1mi.	na	n	cc	r	canhole	147	9/12/1997	10/7/1997		y	0	0.00	wp11 all eggs undeveloped	
973027	7/14/1997	35 12 17.25	75 42 07.28	104	54.8		0	45	200'	vil	fc	cc											
973027	7/17/1997	35 14 08.97	75 31 36.75	93	42	H16	30	0	1mi	na	n	cc	r	canhole so.	126	9/15/1997	10/10/1997		y	9	7.14	wp12 1live 115 unhatched	
972318	7/15/1997			125	72.5	O8	10			orv	n	cc	r	?mi n R68	147	9/13/1997	10/8/1997		y	129	87.76	3dead 14unhatched 1unhatched but developed	
972319	7/15/1997			112	61.9	O9	10	40		na	n	cc	r	same; back 3'	144	9/13/1997	10/8/1997		y	8	5.56	8unhatched 128 unhatched but developed	
972028	7/20/1997	35 33 38.90	75 27 44.68	72	22.1	B2	0	75	100'	vil	n	cc	r	r30north	121	9/18/1997	10/13/1997		y	73	60.33	wp13 4developed in egg 1dead 47 unhatched	

973029	7/21/1997				54.7	H17	35	85	.25mi	orv	n	cm	r	Canhole so.	173	9/19/1997	10/14/1997		y	0	0.00	wp14; opposite tracks;lg body pit all undeveloped eggs	
972324	7/22/1997			122	69		17	19		na	fc	cc											
972325	7/22/1997			122	68.3		16	20		na	fc	cc											
972326	7/22/1997			122	68.1		20	18		na	fc	cc											
973030	7/24/1997	35 20 20.11	75 30 10.47	91	37	H18	50	100	200'	vil	n	cc	r	canahole	91	9/22/1997	10/17/1997		y	80	87.91	1live 10unhatched	
970352	7/24/1997	35 30	75 29	79	24.7	B3	34	100	2 mi	orv	n	cc	r	r30 north	127	9/22/1997	10/17/1997		y	91	71.65	6 undeveloped. 8 very developed. part emerged	
972460	7/27/1997	35 16 7	75 31	93	41					na	fc	cc											
972451	7/26/1997	35 13 54.30	75 32 58.92	97	45.2	H20	100	32	1mi	orv	n	cc	r	R30 north		9/24/1997	10/19/1997					female found on beach;assisted to H20;tag#ssk310&ssk311;tagged in'94 at Onslow	
972450	7/26/1997	35 17 26.55	75 30 51.14	91	.5mi s canho	H19	30	30	1mi	na	n	cc	ur		113	9/24/1997	10/19/1997		y	107	94.69	2unhatched 4dead	
973033	7/30/1997			87	33.4	H21	24	100	2mi	orv	n	cc	r	Canhole	136	9/28/1997	10/23/1997		y	85	62.50	wp15nest was water logged from storm 4developed in egg 1 live 24 dead 22unhatched	
	7/29/1997			115	65.6	O10	12	12		na	n	cc	ur			9/27/1997	10/22/1997		n			washed out	
	7/29/1997			115	65.6					na	fc	cc											
973035	8/1/1997	35 16 23.13	75 31 03.13	93	41.8	H22	6	0	.5mi	na	n	cc	r	canhole	109	9/30/1997	10/25/1997		y	85	77.98	wp16 4live 16dead 4unhatched	
973034	8/1/1997	35 17 21.32	75 30 52.71	92	40.8		100	0	2mi	vil	fc	cc											
973036	8/9/1997	35 24 19.20	75 29 10.52	84	32		20	10	3mi	orv	fc	cc											
973038	8/10/1997	35 14 31.12	75 31 33.51	94	43		15	5	1mi	?	fc	cc											chamber dug but no eggs laid
973037	8/10/1997	35 30	75 29	86	33.8		50		1mi	orv	fc	cc											
972335	10-Aug			114	65		24	39		na	fc	cc											
973039	8/11/1997	35 14 24.32	75 31 34.58	94	43		20	0	1mi	?	fc	cc											
972336	8/11/1997			114	65.2					na	fc	cc											
970398	8/11/1997	35 29	75 29	78	25	B4	64	89	305	orv	n	cc	r	r30 north	163	10/10/1997	11/4/1997		y	79	48.47	turtles not energetic released later at night into rough seas 17undeveloped 33 developed in egg 10dead in nest	
970403	14-Aug	35 50	75 34	55	1.2		63	40	300	vil	fc	cc											
972338	8/15/1997			119	69	O11	45	2		na	n	cc	r	.4 mi n of R67	34	10/14/1997	11/8/1997		y	10	29.41	several odd sized and shaped eggs 11nondeveloped 4developed unhatched 7live put into surf 2dead	
973040	8/17/1997	35 27	75 28	82	25.4		3	300		orv	fc	cc											
973041	8/21/1997			86	33.2		4	18		orv	fc	cc											
																2/29/1900	3/25/1900						



1998 Turtle Nests - Cape Hatteras National Seashore																							nest depth	depth cm.									
act #	date	lat	long	zone	dist-H20	dist-dune	dist-lght	site type	species	nest #	treat	reloc. site	close date	est. HD	actual HD	dig date	nest #	HE	UH	T	DH	E	HS%	COMMENTS	nest depth	depth cm.							
B 8	7/9/1998	35 29.500	75 28.500	77	22 ft.	68 ft.	?	ORV	Cc	B3	reloc.	Mile 32 closure	9/2/1998	9/10/1998	10/17/1998	10/2/1998	B3	127	11	138	18	109	79		17	42.5							
B 9	7/13/1998	35 30.020	75 28.300	78	(-) 9 ft.	117 ft.	?	ORV	Cc	B4	reloc.	Mile 32 closure	9/6/1998	9/14/1998	9/4/1998	10/6/1998	B4	94	4	98	4	90	92			22							
B10	7/30/1998	35 50.1	75 33.1	52	62'	34'			Cc	B5	none	N/A	9/23/1998	10/1/1998	no hatch	10/23/1998	B5	0	112	112	0	0	0	overwashed almost daily since Hurricane Bonnie, not moved because found late									
B11	7/31/1998	35 34.000	75 27.600	74	(-)7'	140'		ORV	Cc	B6	reloc.	Mile 32 closure	9/24/1998	10/2/1998	9/26/1998	10/24/1998	B6	85	3	88	3	82	93	nest laid below tide line		38							
B12	8/2/1998	35 32.000	75 28.000	74	2'	37'		ORV	Cc	B7	reloc.	Mile 32 closure	9/26/1998	10/4/1998	10/3/1998	10/26/1998	B7	19	13	32	0	19	59	nest laid by high tide line		36							
B13	8/16/1998	35 26.000	75 29.000	83	0'	62'		ORV	Cc	B8	reloc.	Mile 32 closure	10/10/1998	10/18/1998	10/17/1998	11/9/1998	B8	41	51	92	2	39	42	nest laid at high tide line		27							
O 1	6/6/1998	35 07.048	75 56.032	119	60 ft.	0 ft.	(+)5000ft.		Cc	O1	none	N/A	7/31/1998	8/8/1998	unknown	8/30/1998	O1	119	12	131	0	119	91										
O 11	6/25/1998	35 07.655	75 54.784	118	83 ft.	17 ft.	(+)4000ft.		Cc	O3	reloc.	1 mi. S ramp 59	8/19/1998	8/27/1998	unknown	9/18/1998	O3	108	14	122	108	0	0	Dead hatchlings found at 6-8", severely decomposed, overwashed during Hurr. Danielle.	8	20							
O 12	6/29/1998	35 10.647	75 47.385	110	100 ft.	30 ft.	(+)5000ft.		Cc	O4	reloc.	1 mi. S. ramp 59	8/23/1998	8/31/1998	no hatch	9/22/1998	O4	0	131	131	0	0	0	All unhatched eggs, but developed embryos in shell	12	30							
O 13	7/1/1998	35 07.816	75 54.431	118	30 ft.	5 ft.	(+)2000ft.		Cc	O6	none	N/A	8/25/1998	9/2/1998	unknown	9/24/1998	O6	129	29	158	109	20	13	Dead hatchlings found at 8-10", overwashed during Hurricane Danielle, packed sand									
O 19	7/9/1998	35 07.6	75 55.3	119	23 ft.	30 ft.	(+)1500ft		Cc	O7	none	N/A	9/2/1998	9/10/1998	lost	10/2/1998	O7							lost to Hurr. Bonnie									
O 20	7/9/1998	35 10.455	75 48.014	109	79 ft.	50 ft.	(+)4000ft		Cc	O8	none	N/A	9/2/1998	9/10/1998	no hatch	10/2/1998	O8	0	122	122	0	0	0	all eggs found at 26-30" of packed sand, approx. 10% eggs developed									
O 21	7/9/1998	35 08.450	75 53.027	117	36 ft.	10 ft.	(+)5000ft		Cc	O9	reloc.	1 mi. N ramp 67	9/2/1998	9/10/1998	unknown	10/2/1998	O9	88	2	90	0	88	98		10	25							
O 22	7/9/1998	35 06.811	75 56.413	120	42 ft.	3 ft.	2500 ft.		Cc	O10	reloc.	1.3 mi S ramp 68	9/2/1998	9/10/1998	unknown	10/2/1998	O10							could not find nest after Hurricane Bonnie	18	45							
O 24	7/12/1998	35 07.617	75 54.879	118	34 ft.	0 ft.	(+)3000ft.		Cc	O11	none	N/A	9/5/1998	9/13/1998	unknown	10/5/1998	O11	96	9	105	4	92	88	heavy foot traffic on nest site									
O 28	7/16/1998	35 04.552	75 59.952	121	72 ft.	0 ft.	(+)2500ft.	ORV	Cc	O12	reloc.	1.2 mi. S ramp 59	9/9/1998	9/17/1998	unknown	10/9/1998	O12	28	107	135	0	28	21		20	50							
O 29	7/16/1998	35 06.644	75 56.755	120	35 ft.	43 ft.	(+)1000ft.		Cc	O13	none	N/A	9/9/1998	9/17/1998	unknown	10/9/1998	O13	0	102	102	0	0	0	eggs found at 38"									
O 7	6/23/1998	35 06.868	75 56.321	119	122 ft.	39 ft.	(+)4000ft.		Cc	O2	reloc.	1 mi. S. ramp 59	8/17/1998	8/25/1998	unknown	9/16/1998	O2	76	12	88	0	76	86		8	20							
O34	7/23/1998	35 07.529	75 55.054	118	95 ft.	0 ft.	(+)5000ft		Cc	O14	reloc.	0.6 mi S ramp 59	9/16/1998	9/24/1998	unknown	10/16/1998	O14	71	21	92	11	60	65	nest reloc. due to high tide and high public use site(campgrd)	11	27.5							
O35	7/23/1998	35 09.610	75 50.256	113	29 ft.	0 ft.	>5000ft		Cc	O15	none	N/A	9/16/1998	9/24/1998	unknown	10/16/1998	O15	86	49	135	2	84	62	all unhatched eggs are undeveloped									
O36	7/30/1998	35 05.248	75 58.928	121	26 ft	163 ft	3250'	ORV	Cc	O16	reloc	0.7 mi.N ramp70	9/23/1998	10/1/1998	lost	10/23/1998	O16							nest markers washed away, lost to Hurricane Bonnie or Danielle		59							
O39	7/31/1998	35 07.250	75 55.596	118	34'	0'	>5000		Cc	O17	reloc	?	9/24/1998	10/2/1998	unknown	10/24/1998	O17	104	11	115	0	104	90	nest moved to proximity of high tide line, area opened to driving on 9/26/98	13	32.5							
O40	8/6/1998	35 08.248	75 53.490	117	64'	0'	>5000		Cc	O18	reloc	1.1 mi S of R59	9/30/1998	10/8/1998	10/11/1998	10/30/1998	O18	109	61	170	6	103	61	moved due to proximity to high tide line	10	25							
<b>Total Number of Nests:</b>																		<b>98</b>				<b>Total number of Hatched Eggs:*</b>								<b>7390</b>			
<b>Total Number of False Crawls:</b>																		<b>76</b>				<b>Total Number Emerged:*</b>								<b>6743</b>			
																		<b>Total Hatch Rate:*</b>				<b>65%</b>				<i>*based on 95 nests</i>							
										tursipst										rucatus													

1998 False Crawls - Cape Hatteras National Seashore										
act #	date	lat	long	zone	dist-H2O	dist-dune	dist-lght	site type	species	comments
1	5/26/1998	35 13.827	75 36.948	101				Day use	Cc	near Frisco Pier
7	6/7/1998	35 18.396	75 30.633	90	75 ft.	200 ft.	.75 mile	ORV	Cc	
11	6/13/1998	35 24.527	75 29.126	84	0	200 ft.	2 miles	ORV	Cc	
12	6/14/1998	35 14.027	75 35.660	98	25 ft.	15 ft.	2 miles	ORV	Cc	
18	6/16/1998	35 13.827	75 13.827	101	20 ft.	50 ft.	275 ft.	Day use	Cc	
19	6/16/1998	35 23.000	75 30.000	85				ORV	Cc	
24	6/19/1998	35 12.940	75 40.238	103				orv	Cc	
26	6/20/1998	35 24.948	75 29.116	84				ORV	Cc	
37	6/25/1998	35 14.043	75 33.000	97				ORV	Cc	
38	6/25/1998	35 13.110	75 39.709	103				n/a	Cc	
43	6/28/1998	35 12.589	75 41.305	104				village	Cm	6 false nests in one crawl
44	6/29/1998	35 12.825	75 31.743	95	0 ft.	no dunes	2 miles	ORV	Cc	tip of Cape Point; zigzag tracks
45	6/29/1998	35 11.312	75 45.312	108	(-) 4 ft.	300 yds.	3 miles	ORV	Cc	
46	6/29/1998	35 11.283	75 44.858	108	(-) 3 ft.	250 yds.	2.5 miles	ORV	Cc	
47	6/29/1998	35 11.528	75 44.225	108	35 ft.	200 yds.	2 miles	ORV	Cc	
48	6/30/1998	35 14.073	75 34.590	98	5 ft.	75 yds.	2 miles	ORV	Cc	
49	6/30/1998	35 14.073	75 35.896	99				ORV	Cc	
50	7/1/1998	35 24.000	75 29.100	83				ORV	Cc	
55	7/4/1998	35 23.628	75 29.277	86				ORV	Cc	
56	7/4/1998	35 24.304	75 29.138	85	5 ft.			ORV	Cc	
58	7/5/1998	35 23.000	75 29.500	85				ORV	Cc	
60	7/5/1998	35 13.933	75 36.310	100				ORV	Cc	
65	7/6/1998	35 22.138	75 29.734	87				Village	Cc	
61	7/6/1998	35 13.213	75 39.321	102	5 ft.	10 ft.	1 mile	ORV	Dc	appeared to have been disturbed by ORV
64	7/7/1998	35 14.566	75 31.561	95				Day use	Cc	
70	7/9/1998	35 12.405	75 41.810	105				Day use	Cc	
73	7/11/1998	35 27.300	75 28.900	79				ORV	Cc	
72	7/11/1998	35 12.583	75 41.261	103	10 ft.	25 ft.	300 yds.	Village	Cc	
79	7/13/1998	35 13.084	75 31.689	96	12 ft.	none	3 miles	ORV	Cc	Cape Point
80	7/13/1998	35 11.829	75 43.429	107	0 ft.	75 yds.	2 miles	ORV	Cc	
82	7/15/1998	35 24.000	75 29.000	84	12 ft.	60 ft.	3 miles	ORV	Cc	
85	7/16/1998	35 25.208	75 29.140	83				ORV	Cc	
86	7/16/1998	35 25.376	75 29.102	90				ORV	Cc	
87	7/16/1998	35 12.200	75 42.450	106				ORV	Dc	
90	7/18/1998	35 25.457	75 29.108	83	20 ft.			ORV	Cc	
94	7/20/1998	35 24.584	75 29.129	84	30 ft.	25 yds.	2 miles	ORV	Cc	
95	7/20/1998	35 24.688	75 29.127	84	30 ft.	25 yds.	2 miles	ORV	Cc	
96	7/20/1998	35 24.771	75 29.133	84				ORV	Cc	
98	7/22/1998	35 13.874	75 32.946	96				ORV	Cc	In front of "drain"
91	7/19/1998	35 13.563	75 32.194	96				ORV	Cc	
92	7/19/1998	35 13.964	75 33.280	97				ORV	Cc	
104	7/26/1998	35 14.080	75 34.394	98	50 ft.	100 yds.	2.5 miles	ORV	Cc	
105	7/26/1998	35 14.096	75 34.693	98	50 ft.	100 yds.	2.5 miles	ORV	Cc	
106	7/26/1998	35 14.041	75 35.039	98	30 ft.	200 ft.	2.5 miles	ORV	Cc	
107	7/26/1998	35 14.021	75 35.304	99	25 ft.	150 ft.	2.5 miles	ORV	Cc	
111	7/27/1998	35 14.079	75 34.390	99	15 ft.	100 yds.	3 miles	ORV	Cc	
112	7/27/1998	35 13.761	75 31.657	94	(-) 2 ft.	300 yds.	2 miles	ORV	Cc	
113	7/27/1998	35 13.112	75 39.666	103				n/a	Cc	
115	7/28/1998	35 14.000	75 39.000	103				n/a	Cc	
118	8/1/1998	35 13.607	75 37.960	96	13m.	0m.	60m.	orv	Cc	dune collapsed onto nest area
119	8/1/1998	35 13.756	75 37.454	96	14.3m	0m.	0.25mi.	orv	Cc	turtle crawled 3ft. up side of dune

126	8/4/1998	35 16.861	75 30.949	93	0ft.	0ft.	2mi.	day use	Cc	on side of dune
123	8/15/1998	36 14.516	75 31.553	94	30ft.	0ft.	1mi.	Day use	Cc	
<b>Bodie</b>										
B 1	6/12/1998	35 28.000	75 28.800	80	32 ft.	97 ft.		n/a	Cc	
B 2	6/23/1998	35 29.000	75 28.800	80	22 ft.	94 ft.		orv	Cc	
B 4	6/25/1998	35 30.000	75 28.500	80	45 ft.	39 ft.		orv	Cc	
B 5	6/28/1998	35 32.000	75 28.800	76	22 ft.	78 ft.		ORV	Cc	
B 7	7/6/1998	35 27.199	75 29.004	83	0 ft.	45 ft.		orv	Cc	
B 10	7/17/1998	35 33.000	75 28.000	74	64 ft.	144 ft.	2 miles	ORV		
<b>Dcracoke</b>										
2	6/13/1998	35 08.482	75 52.962	116	12 ft.	0 ft.	(+) 5000ft	n/a		
3	6/14/1998	35 06.396	75 57.207	120	80 ft.	0 ft.	(+) 3000ft	ORV		
4	6/16/1998	35 10.707	75 47.210	110	50 ft.	37 ft.	(+) 4000ft	n/a		
5	6/22/1998	35 06.282	75 57.357	120	0 ft.	80 ft.	(+) 3000ft.	orv	Cc	
6	6/22/1998	35 08.455	75 53.031	115	65 ft.	0 ft.	(+) 8000ft.	n/a	Cc	
8	6/25/1998	35 04.953	75 59.363	121	10 ft.	77 ft.	(+) 5000ft.	orv	uk	crawl 40" wide - formed 8 loops in a 40'x60' area
9	6/25/1998	35 06.298	75 57.342	120	16 ft.	87 ft.	(+) 2000ft.	orv	Cc	
10	6/25/1998	35 06.529	75 56.929	119	29 ft.	45 ft.	(+) 3000ft.	n/a	Cc	
15	7/2/1998	35 07.636	75 54.839	118	58ft.	0 ft.	(+) 2000ft.	day use	Cc	
16	7/2/1998	35 06.771	75 56.490	119	28 ft.	63 ft.	>3000ft.	day use	Cc	
23	7/9/1998	35 04.476	76 00.056	123	0 ft.	no dune	>7500ft.	orv	Cc	
30	7/16/1998	35 08.746	75 52.335	115	33ft.	23ft.	>5000ft.	n/a	Cc	
31	7/21/1998	35 06.114	75 57.648	121	17ft.	220ft.	>400ft.	orv	Cc	
32	7/21/1998	35 08.234	75 58.529	117	(-)12ft.	17ft.	>3000ft.	n/a	Cc	
33	7/21/1998	35 08.706	75 52.416	115	12ft.	46ft.	>1000ft.	n/a	Cc	
37	7/31/1998	35 05.208	75 58.795	122	(-)38ft.	146ft.	>5000ft.	orv	Cc	
38	7/31/1998	35 05.112	75 59.156	122	21ft.	44ft.	>5000ft.	orv	Cc	

nest #	species	treat	reloc. site	close date	est. HD	actual HD	dig date	HE	UH	T	DH	E	HS%
H1	cc	relocated	amp 49: 35-13.880/75-	7/24/1999	8/6/1999	8/13/1999	8/16/1999	94	7	101	3	91	90
H2	cc	relocated	ach relocation area near	7/25/1999	8/7/1999	8/6/1999	8/9/1999	147	9	156	13	134	86
H3	cc	relocated	waypoint 006.....	7/26/1999	8/8/1999	8/13/1999	8/16/1999	139	5	144	23	116	81
H4	cc	relocated	elocation area near ram	7/27/1999	8/9/1999	8/8/1999	8/11/1999	67	36	104	1	66	63
HD1	uk	none		7/28/1999	8/10/1999	8/15/1999	8/23/1999	73	7	80	0	73	91
HD2	cc	none		7/29/1999	8/11/1999	8/11/1999	8/14/1999	96	10	106	1	95	90
H5	cc	relocated	Canadian Hole	7/30/1999	8/12/1999	8/10/99?	8/18/1999	91	9	100	1	90	90
H7	cc	relocated	Canadian Hole	8/2/1999	8/15/1999	8/19/1999	8/23/1999	36	97	133	0	36	27
H8	cc	none		8/2/1999	8/15/1999	8/16/99?	8/21/1999	74	53	127	2	72	57
H6	cc	relocated	Canadian Hole	8/2/1999	8/15/1999	8/11/1999	8/14/1999	98	23	121	14	84	69
H9	cc	none		8/3/1999	8/16/1999	8/14/1999	8/17/1999	101	14	115	0	101	88
H11	cc	relocated	Hatteras Inlet	8/5/1999	8/18/1999	8/15/1999	8/18/1999	127	15	132	3	104	79
H10	cc	none	3 miles north of Ramp 4	8/5/1999	8/18/1999	8/18/1999	8/21/1999	107	18	125	0	107	86
H12	cc	none		8/6/1999	8/19/1999	8/17/1999	8/20/1999	106	23	129	10	93	72
H13	cc	none		8/7/1999	8/20/1999		9/11/1999	1	111	112	0	1	1
H14	cc	relocated	Hatteras Inlet	8/9/1999	8/22/1999	8/15/1999	8/18/1999	103	6	109	1	102	94
H15	cc	relocated	Frisco day use area	8/11/1999	8/24/1999	8/22/1999	8/25/1999	102	15	126	0	102	81
H16	cc	relocated	Canadian Hole	8/11/1999	8/24/1999	8/14/1999	8/17/1999	100	7	107	6	94	88
H18	cc	relocated	35-11.567', 075-44.269	8/13/1999	8/26/1999	8/22/1999	8/25/1999	77	9	86	2	75	87
H19	cc	relocated	f lighthouse. 35-14.808	8/13/1999	8/26/1999	8/22/1999	8/25/1999	103	12	117	2	101	86
H17	cc	relocated	35-18.143', 75-30.697'	8/14/1999	8/27/1999	8/20/1999	8/23/1999	93	14	107	0	93	87
H20	cc	none		8/15/1999	8/28/1999	8/23/1999	8/26/1999	97	1	98	0	97	99
H22	cc	none		8/19/1999	9/1/1999	8/24/1999	8/27/1999	125	8	133	0	125	94
H23	cc	relocated	an Hole, 35-18.061', 75-	8/20/1999	9/2/1999	8/26/1999	8/29/1999	55	8	63	0	55	87
H24	cc	relocated	high tide. 35-13.962', 7	8/20/1999	9/2/1999					95			unknown
H25	cc	relocated	ure near drain. 35-13.9	8/20/1999	9/2/1999					125			unknown
H21	cc	relocated	b 45, closer to dunes. 3	8/19/1999	9/1/1999	8/26/1999	8/29/1999	106	4	111	0	106	95
H26	cc	relocated	beach. 35-24.870', 75-3	8/22/1999	9/4/1999	8/27/1999	9/1/1999	104	10	117	1	103	88
H27	cc	relocated	ocation area, just south	8/24/1999	9/6/1999	LOST				133			0
H28	cc	none		8/25/1999	9/7/1999	8/28/99				uk			unknown
H29	cc	relocated	outh of bird enclosure, 3	8/26/1999	9/8/1999	LOST		0	0	126	0	0	0
H30	cc	none		8/28/1999	9/10/1999	LOST				uk			0
H31	cc	relocated	h north of inlet. 35-11.70	8/29/1999	9/11/1999			0	0	155	0	0	0
H32	cc	none		8/30/1999	9/12/1999	LOST				uk			0
H34	cc	relocated	ramps 55 and 57. 35-1	8/30/1999	9/12/1999		10/14/1999	0	0	112	0	0	0
H33	cc	relocated	uth of drain. 35-13.993'	8/30/1999	9/12/1999					96			unknown
H35	cc	none		8/31/1999	9/13/1999			0		uk	0	0	0
H36	cc	none		9/1/1999	9/14/1999	LOST				uk			
H37	cc									uk			unknown
H38	cc	none		9/3/1999	9/16/1999		10/12/1999	0	115	115	0	0	0
H39	cc	relocated	ation--ramp 30. 35-24.8	9/5/1999	9/17/1999	LOST				107			0
H40	cm?	none		9/6/1999	9/19/1999					uk			unknown
H41	cc	none		9/8/1999	9/21/1999	LOST				uk			
H42	cc	none		9/9/1999	9/22/1999	LOST		0		uk		0	0
H43	cc	none		9/9/1999	9/22/1999	LOST		0	0	uk		0	0
H44	cc	none		9/12/1999	9/25/1999	LOST		0		uk		0	0
H45	cc	none	Canadian Hole	9/13/1999	9/26/1999	LOST				104			0
H46	cc	none		9/14/1999	9/27/1999	LOST		0		uk		0	0
H47	cc	relocated	h of original site, 1.6 mil	9/16/1999	9/29/1999		10/14/1999			95			unknown

COMMENTS	nest depth	FINAL NEST SITE	TYPE	A to B
waypoint 001 (plugger?) Nest at base of dune/cliff. Close to high water. Relocation is waypoint 002. Transponder is 3 feet in front of nest.	51 cm	Frisco; 0.4 mi south of ramp 49 or 1.5 mi north of Pier	other	19'
Waypoint 003 original, 004 relocation (plugger). Transponder 2 feet in front of nest. Relocated b/c too close to tideline and if moved back there is no room behind nest.	55.5	north relocation area	ORV	16'
Waypoint 005 original, 006 relocation (plugger). Transponder 2 feet in front of nest.	53.5	0.6 mi north ramp 55A. Connected to 3 other nests.	ORV	15.2'
Waypoint 007 original, 008 relocation (plugger). Transponder 18 inches in front of nest. Narrow beach cause for relocation, original location 1.5 miles south of Cape Point.	50	mile 32 relocation area	ORV	17'
Waypoint 010 on plugger. Location 1.8 mi. south of Cape Point. Clasified as dig, both body pits present. Large body pit- no eggs found but feel it may still be a nest.		1.8 mile south Cape Point	ORV	15'10"
Waypoint 1, route 3 on Garmin. Tire marks over body pit but some escarpment still evident. Eggs not found because of body pit discrepancy.		3 miles south Cape point	ORV	6'6"
Too close to tideline, narrow beach. Orig. location was right next to the Hatteras Village turnout. Orig location waypoint 011, reloc. 0122 on plugger.	56	Canadian Hole	day use	17'
Perfect beach location but right near many sources of artificial light. Orig. location waypoint 013, relocated is waypoint 014 on plugger.	48	Canadian Hole	pier	30'9"
Just south of Ramp 57, waypoint 5, route 2 on Garmin.		just south ramp 57	ORV	19'
Orig long/lat is waypoint 4, route 2 on Garmin. Relocated waypoint is 015 on plugger. Transponder 2' in front of nest.	39	Canadian Hole	pier	36'6"
Waypoint 6, route 2 on Garmin. 2 miles south of ramp 30.		2.5 miles south of 30	ORV	7'
Orig was in hatteras village, waypoint 019 on plugger. Too close to dune- sand already eroding with wind onto nest area. Relocated right past ramp 49.	64	Hatteras Inlet, just south of 55A	village	14'4"
Too close to vegetation, right up on the dune. Also too close to Pier area. Narrow beach, storm high tide would immerse nest in water. WAYPOINT 09 on Garmin. Nest is 2 miles south of cape point.	55	1.3 miles north ramp 49	pier/village	4'2"
Waypoint 09 on Garmin. Nest is 2 miles south of cape point.		1.4 miles south of ramp 45	ORV	5'7"
Transponder 3' in front of nest. Waypoint 020 on plugger. Nest is right past the end of the bird enclosure, 2 miles south of cape point.		2 miles south cape point	ORV	12'
On dune, too close to Frisco Pier. Relocation area at inlet- waypoint 021 on plugger. Transponder 2 1/2 feet in front of nest.	55	Hatteras Inlet	pier	14'
Too close to Frisco pier. Orig- waypoint 11, reloc- waypoint 17 route 2 Garmin. Relocation 2 1/2 mi south of Ramp 49, 1 mi north Frisco pier. Transponder 2' in front of nest.	25	<1/2 mile south ramp 49	pier	25'
Narrow beach, steep dune. 10" to transponder. Orig found just south of Hatteras turnout, waypoint 18 route 2 (garmin). Relocation waypoint 19 route 2 to transponder. Original nest at waypoint 20, relocated at waypoint 21 on Garmin	36	Canadian Hole	day use	39'
18" to transponder. Near ramp 44, no room behind nest for ORV traffic. Tail marks on tracks, but small body pit. Original nest waypoint 22, relocated near high tide line, on village beach	51.5	.1 mile north ramp 55A	ORV	10'
2' 6" to transponder.	50	.8 miles north of 43	ORV	7'
1 mile north of ramp 43. Waypoint 24, plugger.	57	Canadian Hole	ORV	29'
original site WP 26, plugger. Relocated site WP 28, Garmin. Original nest at Cape point. 2 extremely small eggs. Low spot on beach, subject to flooding. Heavy ORV track area, transponder 18" from nest. LOST TO DENNIS!		just over 1 mi. north Frisco pier	other	9'
Original nest WP 30, relocated WP 29 plugger. Original nest 1/2 mile north ramp 45.		.4 miles north of 43	other	3'
original nest WP 27, relocated WP 28 plugger. Original nest 1 mile north frisco pier. A few deformed eggs in the nest. LOST TO DENNIS!	56	Canadian Hole	ORV	19'11"
original nest WP 26, Garmin. Transponder 2'. Relocation due to nest too close to high tide.	56	1/2 mile north ramp 45	ORV	5'5"
original nest in village area but dunes blocked houses for minimal light. Wide beach. Relocated by request because of village. Original nest WP 31 too close to Avon pier. Transponder at 2'. Original nest WP 30 Garmin route 2. LOST TO DENNIS!	54	in plover enclosure near drain; RIGHT NEXT TO H-24	pier	6'
1/4 mile north of Buxton village. Transponder 12" from nest. WP 34, plugger. THIS NEST HATCHED right before Dennis and was reported by visitors, but we were not there.	61	1/10 mile south ramp 45	ORV	6'
original nest 1 mile south of cape point. Low elevation--in danger of flooding. Busy ORV area. WP 036, plugger. LOST TO DENNIS!	56	north relocation area	village	10'9"
transponder 1' 7" LOST TO DENNIS!	56	north relocation area	pier/village	29'
narrow ORV beach. Transponder 2'. Original nest approx. 2 miles north of inlet.		3.8 miles south of 38	other	38'
Transponder at 2'.	48	right past dune road, south of bird enclosure-IS NEXT TO U	ORV	5'
Too narrow; less than 20 feet in storm tide.		1.4 miles south of ramp 30	ORV	57'8"
Twice relocated. Narrow beach with frequent overwash from storms. Transponder at 2'. Original nest WP 40, relocation WP 44 on plugger.	70	1 mile north of inlet	ORV	23'8"
original nest <1/2 mile north of inlet. WP 42, route 2, Garmin. LOST TO DENNIS!		1.5 miles south cape point	ORV	3'7"
original nest 3.3 miles south ramp 30. WP 44 route 2 Garmin. Transponder at 2'. LOST TO DENNIS!	67	near H31, between ramps 55 and 57	village	8'5"
nest is 300 ft south of ramp 49. WP 045, plugger. Extreme high tide comes close but does not overwash. Transponder 3'.	57	1/4 mile south of drain	ORV	12'6"
original nest is WP 47, plugger. Relocated is WP 48, plugger. There were a few undeveloped eggs at bottom of nest; pieces of shell--10 eggs also		<1/2 mile north of inlet	ORV	36'
WP 050, plugger. 1 mile south cape point.		3.3 miles south ramp 30	ORV	81'6"
Heavy ORV track area, transponder 18" from nest. LOST TO DENNIS!				
Transponder at 2' in front of nest- THIS WAS TURTLE THAT CRAWLED AND WAS DISORIENTATED. 3 body pits, exhausted turtle, dug AFTER she layed nest.		300 ft. south ramp 49	other	8'5"
LOST TO DENNIS!	45	north relocation area	pier	13'6"
transponder 2' in front of nest. LOST TO DENNIS!		1 mile south Cape Point	ORV	5'5"
remote beach, but narrow. (BEFORE RELOCATED)		.5 miles south ramp 34	ORV	76'
Transponder 18" from nest. LOST TO DENNIS!		South of Cape Point (close to point)	ORV	23'8"
nested FAR up from shoreline in dunes, no lane for ORV so it was moved. Moved it 1/10 miles south of that, it is near H-3 and H-31. Transponder 2 feet in front.		2.9 miles south of 30	ORV	4'6"
		1.1 miles south of Ramp 30	ORV	15'
		Canadian Hole	other	13'
		1.4 miles south Ramp 45, next to H-12	ORV	58'6"
		1.6 miles south Ramp 55	ORV	17'

1999 False Crawls - Cape Hatteras National Seashore							
act #	date	lat	long	zone	site type	species	comments
		Ramp 30 to Hat					
1	6/3/1999	35-13.434'	75-31.685'	95	ORV	cc	no body pit, undisturbed sand
5	6/6/1999	35-26.226'	75-29.040'	82	ORV	cc	very torn up by ORV tracks, hard to distinguish nest and crawl marks
6	6/7/1999	35-13.438'	75-32.016'	96	ORV	cc	shallow body pit, long meandering crawl up and across beach
8	6/7/1999	35-11.832	75-43.337	108	ORV	cm	body pit torn up by ORV tracks, first pit followed by crawl to second pit then return to water
10	6/8/1999	35-12.899	75-31.732	96	ORV	cc	crawl to shallow primary pit, crawl continued
13	6/10/1999	35-14.005	75-33.935	96	ORV	cc	no visible body pit
18	6/15/1999	35-25.717	75-29.096	83	ORV	cc	3 shallow body pits with mounds on sides
19	6/16/1999	35-14.055'	75-34.148	98	ORV	cc	
23	6/17/1999	35-12.417	75-41.673	104	Village	cc	no body pit
24	6/18/1999	35-17.874	75-30.757	91	day use	cc	
26	6/19/1999	35-13.695	75-37.530	103	pier	cm?	shallow primary body pit
27	6/21/1999	35-13.076'	75-31.824	95	ORV	cc	no body pit
34	6/28/1999	35-13.726'	75-32.610'	96	ORV	cc	body pit mangled by ORV tracks. Some signs remained of mounds on sides of pit.
36	6/30/1999	35-16.640'	75-31.013'	91	other	cc	waypoint 25, plugger. Turtle found on highway 12!
41	7/3/1999	35-13.050'	75-31.626'	95	ORV	cc	WP 29, route 1 Garmin. Long meandering crawl, 2 shallow pits with side mounds.
43	7/4/1999	35-11.737'	75-43.672'	108	ORV	cc	WP 33, plugger. 2 abandoned nesting attempts.
45	7/5/1999	35-22.962'	75-29.479'	85	ORV	? See	WP 31, Garmin. Approx. 1/2 mile north Avon pier. Unfamiliar crawl marks; distinctly opposite, but no tail drag. Primary pit obvious, but shallow mound and meandering trail back to sea. Dug with no findings.
47	7/7/1999	35-23.653'	75-29.246'	85	ORV	cm	WP 32, Garmin route 1. 3.2 miles south of ramp 30. HUGE tracks--50 in. across! Definate green, distinct alternating strokes, huge tail drag. Abandoned primary body pit, long meandering trail back to sea.
50	7/9/1999	35-16.367'	75-31.039'	92	other	cc	WP 34, Garmin
52	7/10/1999	35-12.799'	75-31.599'	95	ORV	cc	Cape Point. WP 38, route 1 Garmin. No body pit, just came up and returned to sea.
54	7/10/1999	35-14.660'	75-31.544'	93	other	cc	WP 037, plugger. No digging, crawled up, over a smll mound with vegetation, and turned around.
55	7/11/1999	35-16.437'	75-31.026'	91	day use	cc	WP 41, route 1, Garmin. 100 yds. South of first walkover, north of Buxton. Very narrow beach--abandoned primary pit just above high tide. Undisturbed sand underneath.
62	7/13/1999	35-23.903'	75-29.197'	85	ORV	cc	3 miles south ramp 30. WP 43, route 1, Garmin. Crawl came up to base of dune and returned to sea. No body pit or signs of digging.
64	7/15/1999	35-11.900'	75-43.229'	106	ORV	cc	WP 046, plugger. About 500 ft. south ramp 55A. Crawl went up and back down--u-shaped crawl. No disturbance of sand.
72	7/23/99	35-21.381	75-29.931	84	Village/pi	cc	WP 053, U-shaped, very short crawl, no digging
73	7/23/1999	35-21.763	75-29.823	83	Village	cc	WP 054, 2 false crawls, U-shaped w/no digging, found, 2 false crawls, u-shaped w/ni digging, found very close (.5 away), Could this have been same turtle as Activity 72?
74	7/24/99	35-23.062	75-29.420	82	ORV	cc	WP 055, U-shaped, no digging, very close to other 2 FC's last night
79	7/26/1999	35-17.947'	75-30.760'	92	day use	cc	WP 059, P1. Haul over
82	7/24/1999	35-17.959	75-30.759	89	other	cc	WP 057, 300 feet south of CH relocation area. ATV tracks up and down tracks (parallel to), sand disturbed with footprints also.
84	7/30/1999	35-14.935	75-31.436	92	other	cc	1 mile north Ramp 43, no body pits, WP069
86	7/30/1999	35-24.398	75-29.142	83		cc	WP 068, no body pits. 2.3 miles north Ramp 34
87	7/31/1999	35-15.088'	75-31.341'	92	other	cc	WP 54, Garmin. 1 mile north of 43. No body pit, just up and back.
88	7/31/1999	35-14.059'	75-33.820'	98	ORV	cc	.4 miles north of last bird sign on south beach.WP 63, plugger.
89	8/2/1999	35-20.617	75-30.075	87	pier	cc	.2 mi south Avon pier
92	8/4/1999	35.13.406	75-31.679	94	ORV	cc	may have been same turtle as H-51, was very tiny crawl and about half a mile south of nest.(@ramp 43)
97	8/8/1999	35-14.074	75-35.093	101	ORV	cc	Location is one mile north of Ramp 49, turtle crawled all the way up to dune (100 ft) but did not dig.
98	8/9/1999	35-24.641	75-29.150	82	ORV	cc	Location is in the exclosure of the North Beach relocation area.
96	8/7/1999	35-14.099	75-35.103	97	ORV	cc	crawl went up 12 feet to vegetation but did not dig.
99	8/9/1999			100	ORV	cc	long crawl, small sand mound but no eggs found. Found .7 miles north ramp 49
102	8/10/1999	35.24.575	75-29.143	83	ORV	cc	no digging. Found 2.5 mi north of ramp 34
103	8/10/1999	35-13.682	75-31.664	94	ORV	cc	found 150 yards south Ramp 43
racoke ls							

2	6/2/1999	35 08.947	75 51.882	119		cc	Crawl at base of collapsed dune; primary body pit only; dog tracks around body pit.
4	6/7/1999	35-09.389	75-50.803	115		cc	Narrow beach; first primary body pit just above high tide; second prim. Body pit near dune.
7	6/14/1999	35-09.393	75-50.791	116	other	cc	Crawled to base of dune and made body pit; roots found at 1.5 ft, no eggs
9	6/15/1999	35-10.911	75-46.497	109	Orv	cc	Track come up and back; no pits. Tide out 4 ft at 8 AM
10	6/16/1999	35-07.722	75-54.668	118	Other	cc	Crawled up on dune and dug several times and returned to water. Thunderstorms
11	6/16/1999	35-10.468	75-47.945	111	Other	cc	Crawled up on dune and dug several times and returned to water. Thunderstorms
12	6/16/1999	35-10.632	75-47.430	111	Other	cc	Crawled up and back without digging. Thunderstorms
13	6/18/1999	35-07.202	75-55.775	123	Orv	cc	Crawled up and turned around directly
15	6/20/1999	35-07.999	75-54.079	118	Orv	cc	Crawled up on dune and dug several times and returned to water. Thunderstorms
16	6/20/1999	35-09.377	75-50.839	114	Other	cc	Did not appear to be body pit; crawled on top of dune and dug some; extensive vegetation
17	6/21/1999	35-10.062	75-49.032	113	Other	cc	Road is quite close; crawled up beach and back no evidence of disturbance
18	6/21/1999	35-10.220	75-48.622	112	Other	cc	Crawled up 6 ft and back; near sand fencing and road.
19	6/22/1999	35-05.834	75-58.074	121	Orv	cc	Crawled up and made two body pits; close to ramp; tire tracks
21	6/24/1999	35-10.760	75-46.878	110	Other	cc	Crawled up and back ; no sign of disturbance
24	6/26/1999	35-05.772	75-58.167	122	Orv	cc	Crawled up and back.
26	6/30/1999	35-10.038	75-49.159	113	Other	cc	Crawled up and back w/no evidence of digging; strong winds may have erased signs
28	7/4/1999	35-05.269	75-58.730	122	Orv	cc	No sign of digging but site just covered with tire tracks
35	7/14/1999	35-10.282	75-48.505	112	day use	cc	No sign of digging just crawled up and back car traffic may have been factor
37	7/16/1999	35-09.356	75-50.879	114	day use	cc	came up 100 feet and returned. Dog and human tracks in crawl
44	7/25/1999	35-08.101	75-53.800	117	Orv	cc	crawl went up escarpement 1-2 feet and returned
47	7/27/1999	35-05.474	75-58.633	123	Orv	cc	Barely made it out of the water; tire tracks around and over it
51	8/8/1999	35-04.585	75-59.872	122	Orv	cm	Crawled up and dug some; tire tracks all around; busy beach
52	8/11/1999	35-04.153	76-00.857	124	Orv	cc	Crawled a long way up a flat beach and turned around; possible green turtle
54	8/12/1999	35-06.988	75-56.105	119	day use	cc	up and back
mp 30, Hatteras Island							
2	6/29/1999			55		cc	
5	7/23/1999			55	Other	cc	
7	7/25/1999			73	Orv	cc	

2000 Nesting season									
			treatment	incubating				dig date if	
date	species	nest #	n or r	nest site type	nest incubation site	close date	est. HD	HD unknown	A to B
<b>Hatteras Island</b>									
5/28/2000	cc	H1	r	other	lighthouse beach (near amaranth)	7/22/2000	7/30/2000	8/21/2000	7'
5/29/2000	cc	H2	n	village	0.8 mi. south of Avon Pier	7/23/2000	7/31/2000	8/22/2000	9'
6/7/2000	cc	H3	r	other	lighthouse beach	8/1/2000	8/9/2000	8/31/2000	9'
6/9/2000	cc	H4	n	day use	Haul over beach	8/3/2000	8/11/2000	9/2/2000	42' 8"
6/13/2000	cc	HD1	n	other	3/4mile north of Buxton village	8/7/2000	8/15/2000	9/6/2000	27 meters
6/14/2000	cc	H5	r	other	between ramp 49 and pier	8/8/2000	8/16/2000	9/7/2000	19' 3"
6/14/2000	cc	H6	r	village	south end of Hatteras village by No Orv signs	8/8/2000	8/16/2000	9/7/2000	6' 6"
6/17/2000	cc	HD2	n	ORV	5.1 miles south of ramp 44	8/11/2000	8/19/2000	9/10/2000	4'
6/17/2000	cc	H7	r	day use	Haul over beach	8/11/2000	8/19/2000	9/10/2000	27' 3"
6/18/2000	cc	H8	r	day use	Haul over beach	8/12/2000	8/20/2000	9/11/2000	24' 10"
6/20/2000	cc	H9	n	ORV	1.5 mile south of Ramp 45	8/14/2000	8/22/2000	9/13/2000	11'
6/20/2000	DC	H10	n	village	2.2 mile south of Frisco pier	8/14/2000	8/22/2000	9/13/2000	18' from T to B
6/21/2000	cc	H11	r	ORV	lighthouse beach	8/15/2000	8/23/2000	9/14/2000	4' from T.
6/21/2000	cc	H12	n	day use	0.5 mile north of ramp 43	8/15/2000	8/23/2000	9/14/2000	21'
6/24/2000	cc	HD3	n	day use	0.7 mile north of ramp 43	8/18/2000	8/26/2000	9/17/2000	42' from T.
6/29/2000	cc	HD4	n	ORV	2.3 miles south of Ramp 30	8/23/2000	8/31/2000	9/22/2000	19' 7" from T to B
7/1/2000	cc	H13	r	day use	Haul over beach	8/25/2000	9/2/2000	9/24/2000	25' 8"
7/2/2000	cc	HD5	n	ORV	1 mile north of Ramp 49	8/26/2000	9/3/2000	9/25/2000	13' 4" from T to B
7/3/2000	cc	HD5	n	ORV	3.3 miles north of Avon pier	8/27/2000	9/4/2000	9/26/2000	70' 5"
7/4/2000	cc	H14	n	other	0.6 mile south of CH? (Canadian Hole)	8/28/2000	9/5/2000	9/27/2000	7'
7/4/2000	cc	H15	n	ORV	ORV area south of Ramp 38	8/28/2000	9/5/2000	9/27/2000	11'
7/4/2000	cc	H16	n	ORV	3.6 mile north of Ramp 30	8/28/2000	9/5/2000	9/27/2000	11'
7/5/2000	cc	H17	n	other	1.2 mile north of Frisco pier	8/29/2000	9/6/2000	9/28/2000	5'
7/5/2000	cc	HD7	n	ORV	base of Ramp 38	8/29/2000	9/6/2000	9/28/2000	52' from T to B
7/6/2000	cc	HD8	n	day use	0.8 miles south of ramp 49	8/30/2000	9/7/2000	9/29/2000	13' 4" from T to B
7/8/2000	cc	H18	r	other	1.6 mile north of Buxton	9/1/2000	9/9/2000	10/1/2000	23'
7/9/2000	cc	H19	n	ORV	1.1 mile south of ramp 30	9/2/2000	9/10/2000	10/2/2000	67'
7/10/2000	cc	H20	n	other	200 feet north of ramp 44	9/3/2000	9/11/2000	10/3/2000	4' 3"
7/10/2000	cc	H21	r	day use	just south of lifeguard beach	9/3/2000	9/11/2000	10/3/2000	7' 4"
7/12/2000	cc	H22	r	day use	0.1 mile south of ramp 49	9/5/2000	9/13/2000	10/5/2000	5' 2"
7/12/2000	cc	H23	n	village	3.4 miles south of Frisco pier	9/5/2000	9/13/2000	10/5/2000	3'
7/14/2000	cc	H24	r	day use	lighthouse beach	9/7/2000	9/15/2000	10/7/2000	3'
7/14/2000	cc	H25	r	ORV	0.7 mile north of ramp 57	9/7/2000	9/15/2000	10/7/2000	11' 9"
7/16/2000	cc	H26	r	day use	Haul over beach	9/9/2000	9/17/2000	10/9/2000	7.28 meters
7/17/2000	cc	H27	n	ORV	0.8 mile north of ramp 49	9/10/2000	9/18/2000	10/10/2000	10' 5"
7/18/2000	cc	H28	n	ORV	0.3 mile south of Ramp 38	9/11/2000	9/19/2000	10/11/2000	5' 2"
7/21/2000	cc	H29	n	other	0.4 mile south of ramp 49	9/14/2000	9/22/2000	10/14/2000	10' 7"
7/22/2000	cc	H30	r	other	0.2 mile south of ramp 49	9/15/2000	9/23/2000	10/15/2000	13' 6"
7/24/2000	cc	H31	n	ORV	.6 miles south of Ramp 30	9/17/2000	9/25/2000	10/17/2000	14' 7"
7/25/2000	cc	H32	n	day use	.9 miles north of Ramp 44	9/18/2000	9/26/2000	10/18/2000	10'
7/28/2000	cc	H33	n	ORV	2.4 miles south of 45	9/21/2000	9/29/2000	10/21/2000	72'
8/2/2000	cc	H34	r	ORV	.5 mi north of ramp 44	9/26/2000	10/4/2000	10/26/2000	31'
6/30/2000	cc	H35	n	ORV	.2 miles south of ramp 55	8/24/2000	9/1/2000	9/23/2000	11' from T to B
8/7/2000	cc	H36	n	ORV	1.5 mi north of ramp 49	10/1/2000	10/9/2000	10/31/2000	4 meters
8/8/2000	cc	H37	n	other	.9 mi south of ramp 43	10/2/2000	10/10/2000	11/1/2000	7'
8/9/2000	cc	H38	n	ORV	1.5 mi north of ramp 43	10/3/2000	10/11/2000	11/2/2000	220'
8/13/2000	cc	H39	n	other	500' north of ramp 44	10/7/2000	10/15/2000	11/6/2000	
8/18/2000	cc	H40	n	village	1.7 mi north of ramp 30	10/12/2000	10/20/2000	11/11/2000	29'
8/24/2000	cc	H41	n	village	Avon Village- 0.9 mi south of pier	10/18/2000	10/26/2000	11/17/2000	18' 4"
<b>Ocracoke Island</b>									
4/16/2000	DC	O1	n	other	2.5 miles south of ramp 59	6/10/2000	6/18/2000	7/10/2000	
5/23/2000	cc	OD1	n	other	1 mile south of ramp 68	7/17/2000	7/25/2000	8/16/2000	
5/23/2000	cc	OD2	n	day use	0.3 miles south of ramp 67	7/17/2000	7/25/2000	8/16/2000	
5/25/2000	cc	O2	n	other	1.75 miles south of ramp 59	7/19/2000	7/27/2000	8/18/2000	28' 7"
6/1/2000	cc	O3	r	day use	2.1 miles north of ramp 67	7/26/2000	8/3/2000	8/25/2000	8' 8"
6/2/2000	cc	O4	n	other	2.4 miles north of ramp 70	7/27/2000	8/4/2000	8/26/2000	10'
6/14/2000	cc	O5	n	other	3 miles north of ramp 67	8/8/2000	8/16/2000	9/7/2000	5'
6/17/2000	cc	O6	n	other	2 miles north of ramp 70	8/11/2000	8/19/2000	9/10/2000	10'
6/22/2000	cc	O7	n	ORV	0.1 mile south of ramp 72	8/16/2000	8/24/2000	9/15/2000	20'
6/27/2000	cc	O8	r	other	3.1 south of ramp 59	8/21/2000	8/29/2000	9/20/2000	5'
6/27/2000	cc	O9	n	other	3.3 miles south of ramp 59	8/21/2000	8/29/2000	9/20/2000	5'
6/27/2000	cc	O10	n	other	2.6 miles north of ramp 67	8/21/2000	8/29/2000	9/20/2000	5'
6/27/2000	cc	O11	n	other	.9 miles south of ramp 59	8/21/2000	8/29/2000	9/20/2000	5'
6/28/2000	cc	O12	n	day use	.5 mi north of ramp 72	8/22/2000	8/30/2000	9/21/2000	8'
6/28/2000	cc	O13	n	day use	3.4 mi north of ramp 67	8/22/2000	8/30/2000	9/21/2000	5'
6/29/2000	DC	O14	n	other	.4 mi south of ramp 67	8/23/2000	8/31/2000	9/22/2000	8'
6/30/2000	cc	O15	n	ORV	0.5 mi. north of ramp72	8/24/2000	9/1/2000	9/23/2000	
7/5/2000	cc	O16	n	other	2.2 mi. south of Ramp 59	8/29/2000	9/6/2000	9/28/2000	
7/11/2000	cc	O17	n	other	1.7 mi.north of Ramp 70	9/4/2000	9/12/2000	10/4/2000	
7/21/2000	cc	O18	r	other	1.8 mi.north of Ramp 70	9/14/2000	9/22/2000	10/14/2000	
<b>Bodie Island</b>									
5/21/2000	cc	BH1	n	pier	rodanthe pier	7/15/2000	7/23/2000	8/14/2000	
6/3/2000	cc	BH2	n	ORV	1.9 miles south of ramp 23	7/28/2000	8/5/2000	8/27/2000	84' 2"
6/12/2000	cc	BH3	n	village	2 miles south of Rodanthe pier	8/6/2000	8/14/2000	9/5/2000	94' 10"
6/26/2000	cc	BH4	n	ORV	2.9 miles north of ramp 27	8/20/2000	8/28/2000	9/19/2000	59'
6/30/2000	cc	BH5	r	village	2.3 mile north of ramp 23	8/24/2000	9/1/2000	9/23/2000	66'
6/30/2000	cc	BH7	n	ORV	2.9 miles south of ramp 23	8/24/2000	9/1/2000	9/23/2000	22' 8"
7/1/2000	cc	BH6	n	ORV	3 miles south of ramp 23	8/25/2000	9/2/2000	9/24/2000	50'
7/2/2000	cc	BH8	n	ORV	1.8 miles north of ramp 27	8/26/2000	9/3/2000	9/25/2000	62'
7/4/2000	cc	BH9	n	ORV	0.3 mile north of ramp 23	8/28/2000	9/5/2000	9/27/2000	90' 9"
7/16/2000	cc	BH10	r	ORV	0.2 mile north of ramp 23	9/9/2000	9/17/2000	10/9/2000	14' 8"
7/16/2000	cc	BH11	r	ORV	0.6 mile south of ramp 27	9/9/2000	9/17/2000	10/9/2000	50' 7"
7/17/2000	cc	BH12	n	ORV	0.3 mile north of ramp 23	9/10/2000	9/18/2000	10/10/2000	13' 3"
7/17/2000	cc	BH13	n	ORV	2.3 mile south of ramp 23	9/10/2000	9/18/2000	10/10/2000	26' 6"
8/5/2000	cc	BH14	n	ORV	3.6 miles south of Ramp 23	9/29/2000	10/7/2000	10/29/2000	14' 3"
8/9/2000	cm	BH15	n	village	1.5 mi south of ramp 27	10/3/2000	10/11/2000	11/2/2000	13'
8/12/2000	cc	BH16	n	village	2.6 mi South of ramp 23	10/6/2000	10/14/2000	11/5/2000	24' 8"

2000 False Crawls - Cape Hatteras National Seashore							
act #	date	lat	long	zone	site type	species	comments
<b>Hatteras Island District</b>							
H1	5/26/2000	35-12.175	75-42.450	108	ORV	CC	
4	5/29/2000	35-14.465	75-31.588	85	Other	CC	
5	6/6/2000	35-11.586	75-44.070	108	ORV	CC	
8	6/7/2000	35-13.830	75-31.656	95	ORV	CC	Disturbance from ORV and Videotaping by visitors
8a	6/13/2000	35-13.155	75-39.581	102	Day Use	CC	
10	6/14/2000	35-13.883	75-36.633	101	Other	CC	
11	6/14/2000	35-24.598	75-29.135	82	ORV	CC	
12	6/14/2000	38-51.333	75-47.941	82	ORV	CC	
15	6/16/2000	35-14.163	75-31.615	95	Day Use	CC	
18	6/17/2000	35-13.325	75-39.005	102	Pier	CC	
20	6/19/2000	35- .246	75- .533	89	Village	CM	
22	6/20/2000	35-13.870	75-36.688	101	Other	CC	
23	6/20/2000	35-13.775	75-37.193	100	Other	CC	
25	6/21/2000	35-16.745	75-30.982	96	Other	CM	
28	6/22/2000	35-15.407	75-31.171	95	Other	CC	attempted to dig in sand bad area north of old CH lighthouse site
30	6/26/2000	35-14.030	75-35.605	99	ORV	CC	Visitor reported seeing the turtle on the beach @ 7pm
31	6/28/2000	35-24.289	75-52.551	94	Day Use	CC	
32	6/28/2000	35-3.043	75-51.103	93	Day Use	CC	
33	6/29/2000	35-14.190	75-31.619	94	Day Use	CC	
35	6/30/2000	35-14.054	75-33.766	96	ORV	CC	
36	6/30/2000	35-35.581	75-49.878	89	Village	CC	
37	6/30/2000	35-30.672	75-51.036	96	Day Use	CC	
38	7/1/2000	35-21.904	75-66.054	103	Village	CC	
40	7/2/2000	35-17.921	75-30.716	81	Other	CM	
41	7/2/2000	35-23.297	75-55.487	96	ORV	CC	
43	7/3/2000	35-13.514	75-31.650	95	ORV	CC	
44	7/3/2000	35-13.091	75-31.684	95	ORV	CC	
45	7/3/2000	35-14.026	75-33.559	96	ORV	CC	
51	7/5/2000	35-28.074	75-51.596	95	ORV	CC	
53	7/6/2000	35-23.347	75-59.856	97	ORV	CC	
55	7/7/2000	35-14.024	75-35.695	99	ORV	CC	
56	7/7/2000	35-14.083	75-34.527	98	ORV	CC	
61	7/11/2000	35-25.257	75-52.186	95	Day Use	CC	
62	7/11/2000	35-36.251	75-49.664	82	Pier	CC	
64	7/12/2000	35-21.838	75-66.275	103	Village	CC	
66	7/13/2000	35-22.267	75-64.758	102	Pier	CC	48cm Nest Cavity
69	7/14/2000	35-13.101	75-39.766	103	Other	CC	
70	7/14/2000	35-26.349	75-51.863	95	Village	CC	
72	7/16/2000	35-29.057	75-51.398	90	Other	CC	
73	7/16/2000	39-90.041	75-51.225	90	Day Use	CC	
74	7/17/2000	35-13.637	75-32.341	94	ORV	CC	
76	7/18/2000	35-23.355	75.55.772	96	ORV	CC	
78	7/19/2000	35-23.169	75-52.732	95	Day Use	CC	
79	7/19/2000	35-24.599	75-52.446	94	ORV	CC	
80	7/19/2000	35-25.304	75-52.140	93	ORV	CC	
81	7/18/2000	35-18.019	75-30.727	90	Other	CC	
85	7/20/2000	35-15.158	75-31.314	94	Day Use	CC	
86	7/23/2000	35-30.499	75-51.064	93	ORV	CC	
88	7/25/2000	35-23.826	75-52.644	95	Day Use	CC	
89	7/25/2000	35-23.873	75-52.632	94	Day Use	CC	

90	7/25/2000	35-24.169	75-52.572	94	Day Use	CC	
91	7/25/2000	35-24.247	75-52.548	94	Day Use	CC	
92	7/26/2000	35-23.816	75-52.650	94	Day Use	CC	
94	7/28/2000	35-22.019	75-53.127	95	Day Use	CC	
96	7/29/2000	35-13.674	75-32.414	96	ORV	CC	
97	7/29/2000	35-14.086	75-34.332	96	ORV	CC	
98	7/31/2000	35-24.403	75-52.495	95	Other	CC	
99	8/1/2000	35-14.085	75-34.396	98	ORV	CC	
100	8/1/2000	35-14.090	75-34.639	98	ORV	CC	
101	8/1/2000	35-14.097	75-34.862	96	ORV	CC	
102	7/31/2000	35-14.085	75-34.331	95	ORV	CC	
104	8/3/2000	35-12.682	75-41.037	104	Day Use	CC	
105	8/4/2000	35-20.301	75-51.542	94	Day Use	CC	
107	8/5/2000	35-23.856	75-52.637	95	Day Use	CC	
108	8/7/2000	35-18.412	75-30.622	90	ORV	CC	
110	8/7/2000	35-22.424	75-32.748	95	ORV	CC	
113	8/9/2000	35-25.456	75-52.047	94	Day Use	CC	Turtle attempted to dig into sandbag area at old CH lighthouse site
114	8/10/2000	35-14.289	75-31.603	94	Other	CC	
116	8/14/2000	35-13.404	75-38.708	102	Other	CM	Tail drag marks/ tracks close together
117	8/16/2000	35-22.849	75-54.147	97	ORV	CC	
118	8/18/2000	35-22.062	75-52.802	95	ORV	CC	
<b>Bodie Island District</b>							
BH 4	6/18/2000	35-30.240	75-28.472	77	ORV	CC	
BH 5	6/20/2000	35-34.881	75-27.669	72	Pier	CC	
BH 6	6/25/2000	35-33.984	75-27.686	73	Village	CC	No body pit , but turtle crawled into a shallow pit that someone had dug out
BH 7	6/25/2000	35-33.507	75-27.734	73	Village	CC	
BH 9	6/28/2000	35-34.362	75-27.646	73	Village	CC	
BH 10	6/29/2000	35-32.222	75-28.013	75	ORV	CC	
BH 18	7/17/2000	35-32.484	75-27.954	74	Village	CC	
BH 21	7/18/2000	35-34.851	75 27.669	72	Village	CC	
BH 22	7/18/2000	35-33.670	75-27.714	73	Village	CC	
BH 23	7/24/2000	35-31.811	75-28.119	75	ORV	CM	
BH 24	7/24/2000	35-26.378	75-29.037	82	ORV	CC	
B 27	8/11/2000	35-48.422	75-32.680	55	ORV	CC	Bodie Island's only activity.
<b>Ocracoke</b>							
2	6/2/1999	35-08.947'	75-51.882'		day use	cc	crawl ended at dune base. Only primary body pit evident, and return tracks. Some of adjacent dune collapsed into pit area, and dog tracks occurred in and around the pit.
4	6/7/1999	35-09.389'	75-50.803'	115	day use	cc	3.8 miles north of 67. Beach narrow at this point. Primary body pit just above high water mark. Continued to dune and made another pit near vegetation, then crawled back. No egg chamber located.
7	6/14/1999	35-09.393'	75-50.791'	116	day use	cc	4.4 miles south ramp 59. Crawled to dune base, created primary and secondary body pits. Found round depression in sand but no eggs. Encountered roots from adjacent vegetation at 1'6". Turtle made 180 degree turn before entering water. Apparent secondary pit may have been collapsed dune. Beach very narrow here.
9	6/15/1999	35-10.911	75-46.497'	109	ORV	cc	track comes in and goes back. No pits. 0.2 m north of 57.
10	6/16/1999	35-07.722'	75-54.668'	118	day use	cc	crawled up onto dune -- dug a few times and crawled back. No apparent disturbance. Thunderstorms overnight. 0.6mile North of 68
11	6/16/1999	35-10.468'	75-47.945'	111	day use	cc	1.3 miles south of ramp 59. Crawled up and back without digging. No apparent disturbance in the area. Thunderstorms overnight.
12	6/16/1999	35-10.632'	75-47.430'	111	day use	cc	crawled up and back without digging. No apparent disturbance in the area. Thunderstorms overnight. 0.7 miles south of ramp 59.
13	6/18/1999	35-07.202'	75-55.775'	123	ORV	cc	crawled up and directly turned around.
15	6/20/1999	35-07.999'	75-54.079'	118	ORV	cc	0.1 mile north of ramp 67. Crawled up onto dune--began digging primary pit and crawled back. There was vegetation in the way and considerable rain and wind overnight. Sand hard packed just under surface.

16	6/20/1999	35-09.377'	75-50.839'	114	day use	cc	4.2 miles south of ramp 59. Crawled up the top of dune--turned around a peak--went half way down. Dug some (amount unclear due to significant rain) and crawled back. Checked area extensively. Vegetation surrounds spot. There did not appear to be a body pit--digging seemed superficial.
17	6/21/1999	35-10.062'	75-49.032'	113	day use	cc	crawled 1/2 way up beach and back. No evidence of disturbance. However, road is quite close behind a small dune at this point. Just south of nest O3.
18	6/21/1999	35-10.220'	75-48.622'	112	day use	cc	5.8 miles north 67. Crawled up beach approx. 6ft. And returned. No sign of disturbance, however spot is in front of sand fencing and close to road (possible car disturbance).
19	6/22/1999	35-05.834'	75-58.074'	121	ORV	cc	Crawled up, mde two successive primary body pits and crawled back. Area is very close to ORV ramp, and there are many tire ruts.
21	6/24/1999	35-10.760'	75-46.878'	110	day use	cc	300 yards south of ramp 59. Crawled up and back. No sign of disturbance.
24	6/26/1999	35-05.772'	75-58.167'	122	ORV	cc	1.65 miles north of 72. Crawled up and back.
35	7/14/1999	35-10.282'	75-48.505'	112	day use	cc	6.0 miles north of 67. No digging. Crawled up to dune and back. No signs of disturbance except sand fencing on both sides of small dune. Car traffic may have been a factor.
37	7/16/1999	35-09.356'	75-50.879'	114	day use	cc	came up 100 ft to dune and went back. Dog track in crawl. Human tracks along the side. 3.7 miles north of 67.
44	7/25/1999	35-08.101'	75-53.800'	117	day use	cc	crawl was at end of ORV zone. Went up to a 1-2 ft. escarpment couple of times and turned back.
	<b>Bodie</b>						
2	6/29/1999			?	ORV	cc	no comments on sheet
5	7/23/1999				Other	cc	3/4 mile south ramp 2, near relocation area.
7	7/25/1999			73		cc	1 mile south of ramp 20.



6/11/2001	cc	NH9	r	Other	Other	Lighthouse Beach	93	35.14.765	75.31.477	8/3/2001	8/13/2001		9/4/2001	0	0	0	0	0	0	NH9	1 egg shell found during excavation. Besides being severely overwashed, fox dug up nest 6/19 - 21-25 eggs lost, & 6/20 when at least 20 eggs lost
6/11/2001	cc	NH10	r	ORV	ORV	.2 miles south of Cape Point	96	35.13.470	75.32.088	8/3/2001	8/13/2001	8/13/2001	8/16/2001	62	1	63	0	62	98	NH10	** there were 34 eggshells found outside nest area. Do not know if they hatched or were eaten by fox. We counted 28 hatched eggshells during excavation, so we can only say that these 28 have hatched for sure.
6/15/2001	cc	NH49	n	Day use/Groins	Day use/Groins	just north of third groin	92	35.15.449	75.31.165	8/7/2001	8/17/2001	8/18/2001	8/21/2001	110	7	117	1	109	93	NH49	
6/17/2001	cc	NH48	n	ORV	ORV	1.5 miles south of Ramp 43 (cape point)	95	35.13.395	75.31.999	8/9/2001	8/19/2001	8/16/2001	8/19/2001	150	9	159	30	120	75	NH48	
6/20/2001	cc	NH11	r	Other	Day use	Canadian Hole	91	35.17.122	75.30.906	8/12/2001	8/22/2001		9/13/2001	101	6	107	6	95	89	NH11	
6/21/2001	cc	NH12	r	ORV	Day use	.5 miles north of Ramp 43	95	35.14.467	75.31.553	8/13/2001	8/23/2001		9/14/2001	101	6	107	0	101	94	NH12	Not sure how many made it to ocean as fox tracks in area on night of big hatching - may have been predated
6/21/2001	cc	NH13	n	ORV	ORV	0.4 miles n of avon pier	85	35.22.922	75.29.462					0	0	uk	0	0	0	NH13	Nest lost to storm on 7/23.
6/22/2001	cc	NH14	r	ORV	Day use	.1 mile north of Ramp 38	89	35.19.187	75.30.457	8/14/2001	8/24/2001	8/23/2001	8/26/2001	79	22	101	24	55	54	NH14	
6/22/2001	cc	NH15	n	ORV	ORV	2.2 miles south of Ramp 30	84	35.24.377	75.29.147	8/14/2001	8/24/2001		9/15/2001	100	9	109	1	99	91	NH15	
6/24/2001	cc	NH16	r	Other	Day use	Canadian Hole	93	35.17.255	75.30.870	8/16/2001	8/26/2001	8/23/2001	8/26/2001	110	9	119	0	110	92	NH16	
6/25/2001	cc	NH17	r	Day use	Day use	Lighthouse Beach	42	35.14.980	75.31.407	8/17/2001	8/27/2001	8/9/2001	9/18/2001	0	0	106	0	0	0	NH17	** Fox ate the entire nest on 8/22/01; eggshells found around nest site during turtle patrol
6/26/2001	cc	NH18	n	ORV	ORV	Ramp 44	95	35.13.843	75.31.637	8/18/2001	8/28/2001		9/19/2001			uk	0	0	0	NH18	on excavation 4' of sand on top of nest, water around nest cavity & eggs. Eggs undeveloped, black, stinky
6/26/2001	cc	NH19	r	Day use	Day use	1.7 miles south of Ramp 38	91	35.17.054	75.30.919	8/18/2001	8/28/2001		9/19/2001	134	5	139	0	134	96	NH19	
6/27/2001	cc	NH20	r	ORV	ORV	.85 miles south of Ramp 45	96	35.13.963	75.33.251	8/19/2001	8/29/2001		9/20/2001	113	3	116	3	110	95	NH20	
6/29/2001	cc	NH21	n	Other	Other	1.7 miles south of Frisco Pier	104	35.13.088	75.39.796	8/21/2001	8/31/2001		9/22/2001	0	143	143	0	0	0	NH21	eggs did not develop though still white with some yellowish
6/29/2001	cc	NH22	n	edge of village	edge of village	.25 miles north of Ramp 55		35.12.344	75.41.971	8/21/2001	8/31/2001		9/22/2001	0	115	115	0	0	0	NH22	4' of sand deposited on top - 2 eggs had small undeveloped hatchlings, rest of eggs undeveloped
7/5/2001	cc	NH23	r	ORV	ORV	.2 miles south of Ramp 43	95	35.14.021	75.31.609	8/27/2001	9/6/2001		9/28/2001	0	46	46	0	0	0	NH23	145 eggs relocated, only 46 UH found on 9/22 - most likely the rest of them were washed out as was transponder
7/1/2001	cc	NH24	n	village	village	1.2 mi. n R38	88	35.20.259	75.30.180	8/23/2001	9/2/2001			0	0	uk	0	0	0	NH24	Entire nest lost to tides
6/30/2001	cc	NH25	r	Pier/day use	Pier/day use	.8 miles south of Frisco Pier	104	35.13.347	75.38.940	8/22/2001	9/1/2001		9/23/2001	129	11	140	1	128	91	NH25	
7/1/2001	cc	NH26	r	Pier	Pier	just south of Avon pier	87	35.20.538	75.30.111	8/23/2001	9/2/2001		9/24/2001	96	19	115	5	91	79	NH26	
7/4/2001	cc	NH27	n	ORV	ORV	2.7 miles south of Ramp 45	97	35.14.066	75.35.165	8/26/2001	9/5/2001		9/27/2001	0	0	uk	0	0	0	NH27	Severe overwash many times. 9/17 severe erosion - nest completely gone
7/6/2001	cc	NH28	n	ORV	ORV	1.2 miles south of Ramp 34	85	35.23.557	75.29.266	8/28/2001	9/7/2001		9/29/2001	0	0	uk	0	0	0	NH28	9/17 no transponder, severe overwash & erosion. Large pool of water behind nest area
7/9/2001	cc	NH29	n	ORV	ORV	.6 miles south of Ramp 30	82	35.25.788	75.29.062	8/31/2001	9/10/2001		10/2/2001	0	0	uk	0	0	0	NH29	10/1 erosion - 3' cliff where nest was.
7/10/2001	cc	NH30	r	Other	Day use	Canadian Hole	90	35.17.946	75.30.731	9/1/2001	9/11/2001		10/3/2001	111	5	116	1	110	95	NH30	
7/12/2001	cc	NH31	r	Village	Pier	1 mile south of Ramp 34	87	35.21.759	75.29.813	9/3/2001	9/13/2001		10/5/2001	66	40	106	66	0	0	NH31	
7/12/2001	cc	NH32	n	Village	village	1 mile north of Avon pier	87	35.21.492	75.29.891	9/3/2001	9/13/2001		10/5/2001	57	55	112	57	0	0	NH32	
7/13/2001	cc	NH33	r	Other	Village	2.6 miles south of Frisco pier (hatteras village across from water tower and Texaco)		35.12.798	75.40.705	9/4/2001	9/14/2001		10/6/2001	2	149	151	0	2	1	NH33	All eggs except 2 undeveloped. 2 egg shells broken & empty - probable ghost crab predation.

7/13/2001	cc	NH34	r	ORV	Village/day use	1.2 miles north of Ramp 34		35.23.598	75.29.261	9/4/2001	9/14/2001		10/6/2001	97	11	108	30	67	62	NH34	
7/15/2001	cc	NH35	r	ORV	ORV	.9 miles south of Ramp 43	85	35.13.454	75.31.676	9/6/2001	9/16/2001		10/8/2001			uk		uk	uk	NH35	Nest was in danger of eroding, receiving severe overwash, therefore was excavated & live hatchlings released. Hatched eggs were washed out during process
7/15/2001	cc	NH36	n	Other	Other	.5 miles north of Buxton motels		35.16.396	75.31.041	9/6/2001	9/16/2001		10/8/2001	19	84	103	19	0	0	NH36	2.5 - 3' sand on top of eggs. Eggs yellow & black. Dead hatchlings decomposing.
7/15/2001	cc	NH37	n	Village	Village	1.5 miles north of Avon Pier		35.22.154	75.29.699	9/6/2001	9/16/2001		10/8/2001			uk		0	0	NH37	9/17 Nest lost to erosion.
7/17/2001	cc	NH38	r	ORV	Village	.1 mile north of Ramp 38	89	35.19.329	75.30.430	9/8/2001	9/18/2001		10/10/2001	81	14	96	81	0	0	NH38	3 - 3.5' of sand deposited on top of nest due to abnormally high tides.
7/18/2001	cc	NH39	r	Other	Other-day use?	Canadian Hole	90	35.17.995	75.30.718	9/9/2001	9/19/2001		10/11/2001	17	109	134	8	9	7	NH39	Dead hatchlings found on top of nest - Sand deposition 2 feet
7/21/2001	cc	NH40	n	Village	Village	1.1 miles south of Avon Pier	86	35.19.896	75.30.253	9/12/2001	9/22/2001		10/14/2001	98	11	109	0	98	90	NH40	
7/22/2001	cc	NH41	r	ORV	ORV	.2 miles south Ramp 43	95	35.13.362	75.31.675	9/13/2001	9/23/2001		10/15/2001	0	158	158	0	0	0	NH41	Eggs undeveloped, black & yellow. Nest cavity wet
7/29/2001	cc	NH42	n	Village	Village	2.3 miles south Frisco pier (beginning of hatteras village)	104	35.12.892	75.40.454	9/20/2001	9/30/2001		10/22/2001			uk		uk	uk	NH42	nest excavated on 10/20/01 but no data recorded
8/1/2001	cc	NH43	n	ORV	ORV	1.5 mi south of Ramp 30	84	35.24.934	75.29.119	9/23/2001	10/3/2001		10/25/2001			135		0	0	NH43	9/27 - 135 eggs present/132 relocated. 2 eggs broken & dead hatchlings attached, 1 moldy & black egg. 10/19 still in same satge of development as when relocated.
8/3/2001	cc	NH44	r	Village	Village	.1 miles north of Ramp 38	89	35.19.314	75.30.436	9/25/2001	10/5/2001		10/27/2001			96		0	0	NH44	
uk	cc	NH45	n	Day Use/Groins	Day Use/Groins											uk		uk	uk	NH45	** Lifeguard found hatched (or predated) eggs washed up on Lighthouse beach near day use area
8/10/2001	cc	NH46	n	ORV	ORV	.75 miles south Ramp 44	96	35.13.356	75.31.676	10/2/2001	10/12/2001		11/3/2001			uk		0	0	NH46	9/17 nest completely gone due to erosion
8/12/2001	cc	NH47	n	Day Use/Other	Day Use/Other	1.4 mi south of Ramp 38	90	35.18.135	75.30.678	10/4/2001	10/14/2001		11/5/2001			uk		0	0	NH47	
<b>01</b>																					
6/8/2001	cc	NO1	n	orv	orv	.1 m. S of Ramp 72	121	N35 04.801	W 75 59.571	7/31/2001	8/10/2001	8/21/2001		98	18	116	10	88	76	NO1	
6/10/2001	cc	NO2	r	orv	day use	.1 m. N of Ramp 59	110	N 35 10.360	W 75 46.666	8/2/2001	8/12/2001		9/5/2001	0	115	115	0	0	0	NO2	2 ghost crab tunnels penetrated nest - 20 eggs found in tunnels
6/11/2001	cc	NO3	r	orv	orv	1.4 m. S of Ramp 70	124	N 35 04.035	W 76 00.120	8/3/2001	8/13/2001	8/18/2001		127	31	158	3	124	78	NO3	
6/12/2001	cm	NO12	n	orv	orv	.8 m. N of Ramp 72	120	N 35 05.312	W 75 58.362	8/4/2001	8/14/2001		7/23/2001	0	0	uk	0	0	0	NO12	Nest washed out by new moon tide 12 eggs recovered 30 partial eggs found predated upon shorebirds
6/24/2001	cc	NO4	n	other	other	3.2 m. S of Ramp 59	113	N 35 08.252	W 75 53.486	8/16/2001	8/26/2001	8/24/2001		59	15	74	5	54	73	NO4	
6/25/2001	cc	NO5	n	other	orv	.7 m. N of Ramp 67	118	N 35 08 .250	W 75 53.481	8/17/2001	8/27/2001	8/28/2001		127	6	133	0	127	95	NO5	
6/27/2001	cc	NO6	r	other	other	.8 m S of Ramp 68	124	N 35 03.965	W 76 00.529	8/19/2001	8/29/2001	8/27/2001		123	11	134	4	119	89	NO6	
6/30/2001	cc	NO7	n	other	other	.2 m N of Ramp 67	117	N 35 08.138	W 75 53.717	8/22/2001	9/1/2001	8/31/2001		78	32	110	15	63	57	NO7	Large sand deposit. Nest buried deep.
7/14/2001	cc	NO8	n	orv	orv	in front of Ramp 67	120	N 35 07.952	W 75 54.137	9/5/2001	9/15/2001					uk		0	0	NO8	9/20 nest lost to severe overwash.
7/17/2001	cc	NO9	n	other	other	1.8 m. N of Ramp 70	120	N 35 07.040	W 75 56.005	9/8/2001	9/18/2001					uk		0	0	NO9	Severe beach erosion. Transponder found south of nest.
7/30/2001	cc	NO10	n	day use	day use	.19 m. S of Ramp 68	120	N 35 07.342	W 75 55.413	9/21/2001	10/1/2001			5	89	94	3	2	2	NO10	
8/26/2001	cm	NO11	n	day use	day use	2.5 m. N of Ramp 67	120	N 35 09.043	W 75 51.655	10/18/2001	10/28/2001			38	65	103	2	36	35	NO11	Green turtle nest. Tracks approximately 4' wide. Nest on dune face.

2001 False Crawls - Cape Hatteras National Seashore																
act #	date	lat	long	site type	species	comments										
<b>HI</b>																
12	6/11/2001	35.13.874	75.31.625	Day use	cc	.2 miles south of Ramp 43										
13	6/12/2001	35.23.224	75.29.358	ORV	cc	3.6 miles south of Ramp 30										
14	6/15/2001	35.18.962	75.30.521	Day use	cc	0.4 miles south of ramp 38										
17	6/18/2001	35.23.547	75.29.264	ORV	cc	3.2 miles south of ramp 30										
21	6/21/2001	35.20.262	75.30.175	Day use/pier	cc	0.6 miles south Avon pier										
25	6/25/2001	35.13.870	75.31.624	ORV	cc	0.3 miles south of ramp 43										
29	6/26/2001	35.17.214	75.30.881	Day use	cc	2.7 miles south of ramp 38 or 0.1 miles north NH19										
31	6/29/2001	35.13.950	75.36.186	ORV	cc	200 feet north of Ramp 49										
34	6/30/2001	35.24.948	75.29.102	ORV	cc	2.8 mi north of Ramp 34										
38	7/2/2001	35.13.437	75.31.667	Day Use	cc	.5 south of Ramp 44										
41	7/6/2001	35.12.565	75.41.355	Village	cc	1 mile north of Ramp 55 or 3.2 miles south of Frisco Pier										
44	7/7/2001	35.15.153	75.31.314	Day use	cc	Lifeguard Beach										
78	7/1/2001	35.25.188	75.29.092	ORV	cc	3.1 mi north of Ramp 34										
48	7/12/2001	35.21.493	75.29.892	Village	cc	.5 miles north of Avon Pier										
50	7/13/2001	35.13.305	75.39.080	Pier	cc	.8 miles south of Frisco Pier										
56	7/15/2001	35.22.573	75.29.561	ORV	cc	Base of Ramp 34										
57	7/15/2001	35.23.703	75.29.227	ORV	cc	1.3 mi south of Ramp 34										
58	7/15/2001	35.13.269	75.31.677	ORV	cc	1.1 mi south of Ramp 43										
60	7/17/2001	35.13.821	75.32.745	ORV	cc	Base of Ramp 45										
64	7/22/2001	35.13.812	75.31.649	ORV	cc	Base of Ramp 44										
65	7/22/2001	35.16.484	75.31.028	Other	cc	3.0 miles north of Ramp 43 (about 1.6 miles north of groins)										
66	7/22/2001	35.20.230	75.30.188	Village	cc (cm?)	1.1 mi north of ramp 38										
67	7/26/2001	35.13.469	75.31.666	ORV	cc	.7 miles south of Ramp 43										
68	7/28/2001	35.21.811	75.29.794	Village	cc	.9 miles south of Ramp 44										
70	7/30/2001	35.13.946	75.36.288	ORV	cc	Ramp 49										
73	8/9/2001	35.13.468	75.31.675	ORV	cm	1.0 mi south of Ramp 43										
74	8/9/2001	35.15.256	75.31.257	Day use	cm	Lifeguard Beach- just south of first groin										
<b>OI</b>																
CO1	6/3/2001	N 35 07.064	W 75 59.039	OTHER	CC											
CO2	6/8/2001	N 35 06.117	W 75 57.613	ORV	CC											
CO3	6/8/2001	N 35 06.080	W 75 57.667	ORV	CC											
CO4	6/8/2001	N 35 05.778	W 75 58.138	ORV	CC											
CO5	6/8/2001	N 35 05.154	W 75 59.081	ORV	CC											
CO6	6/9/2001	N 35 05.428	W 75 58.674	ORV	CC											
CO7	6/20/2001	N 35 08.327	W 75 53.295	OTHER	CC											
CO8	6/25/2001	N 35 07.239	W 75 55.590	OTHER	CC											
CO9	6/26/2001	N 35 09.284	W 75 53.676	OTHER	CC											
CO10	6/26/2001	N 35 09.284	W 75 51.034	OTHER	CC											
CO11	6/26/2001	N 35 09.980	W 75 49.281	OTHER	CC											
CO12	6/28/2001	N 35 06.579	W 75 56.814	ORV	CC											
CO13	6/28/2001	N 35 08.159	W 75 53.680	OTHER	CM											
CO14	7/2/2001	N 35 05.321	W 75.58.821	ORV	CC											
<b>BH</b>																
2	6/5/2001	35 29.034	075 28.747	ORV	Cc											
6	6/13/2001	35 31.201	075 28.262	ORV	Cc											
11	7/1/2001	35 29.166	075 28.712	ORV	Cc											
12	7/1/2001	35 28.902	075 28.768	ORV	Cc											
13	7/1/2001	35 27.361	075 28.964	ORV	Cc											
15	7/13/2001	35 32.298	075 27.981	ORV	Cc											
17	7/14/2001	35 33.379	075 27.744	Village	Cc											
<b>BI</b>																
4	6/10/2001	35 47.708	075 32.294	ORV	Cc											

Cape Hatteras National Seashore - 2002 Sea Turtle Nesting season																					
			treatment	incubating	original								dig date if								includes live hatch in nest
date	species	nest #	n or r	nest site type	nest site type	location (incubation)	zone	lat	long	close date	est. HD	actual HD	HD unknown	HE	UH	T	DH	E	HS%	Nest #	COMMENTS
<b>BH</b>																					
6/12/2002	CC	BH1	n	ORV	ORV	4 mi S of Ramp 23	79	35'28.500	75'28.849	8/4/2002	8/14/2002	8/12/2002	9/5/2002	124	26	150	25	99	66	BH1	8/11 cat tracksthrough closure at dune lien; 8/11 ORV tracks through high tide line & up into middle of closure ~20 ft from nest; 8/16 fresh cat tracks, gull & crow tracks & unidentified tracks
6/18/2002	CC	BH2	n	ORV	ORV	3.5 mi S of Ramp 23	78	35'28.903	75'28.771	8/10/2002	8/20/2002	8/18/2002	9/11/2002	131	7	138	5	126	91	BH2	8/18 crawl had 1 empty nest cavity covered up, actual nest was ~ 3 ft closure to dune
6/19/2002	CC	BH3	n	ORV	ORV	4.2 mi S of Ramp 23	79	35'28.309	75'28.857	8/11/2002	8/21/2002	8/18/2002	9/12/2002	101	55	156	10	91	58	BH3	8/18 ORV tracks through front of closure; 8/25 report of SUV driving at high tide line through front of closure
6/21/2002	CC	B4	r	day use	day use	.5 mi N of Ramp 2	52	35'50.003	75'33.579	8/13/2002	8/23/2002	5/15/2002	9/14/2002	102	5	107	3	99	93	B4	8/14fox obs crossing closure 2 times; 8/15 fox obs crossing closure on night of hatching; 8/16 fresh fox tracks in closure, no digging; 8/20 fox tracks in closure & 2 sets of hatchling tracks; 8/25 fox tracks in area of nest, dug up, eggshells strewn over beach
6/23/2002	CC	BH5	r	ORV	ORV	.8 mi S of Ramp 27	79	35'27.429	75'28.960	8/15/2002	8/25/2002	8/23/2002	9/16/2002	63	59	122	1	62	51	BH5	8/24 possible ghost crab predation, crab and small bird tracks up to & inside depression
6/30/2002	CC	BH6	r	ORV	ORV	1 mi S of Ramp 23	76	35'31.024	75'28.298	8/22/2002	9/1/2002	8/26/2002	9/23/2002	146	4	150	14	132	88	BH6	7/30 ped tracks in closure; 8/30 ghost crab hole into nest cavity
6/30/2002	CC	BH7	r	ORV	ORV	1.9 mi S of Ramp 23	78	35'30.359	75'28.446	8/22/2002	9/1/2002	8/23/2002	9/23/2002	84	13	97	21	63	65	BH7	
6/30/2002	CC	BH8	n	ORV	ORV	1.1 mi S of Ramp 27	80	35'27.219	75'28.984	8/22/2002	9/1/2002	8/25/2002	9/23/2002	132	8	140	9	123	88	BH8	
7/2/2002	CC	BH9	r	ORV	ORV	2 mi S of Ramp 23	77	35'30.124	75'28.504	8/24/2002	9/3/2002	8/24/2002	9/25/2002	68	22	90	19	49	54	BH9	7/30 canine tracks in closure
7/9/2002	CC	BH10	r	ORV	ORV	.9 mi S of Ramp 27	79	35'27.393	75'28.955	8/31/2002	9/10/2002	9/6/2002	10/2/2002	114	1	115	8	106	92	BH10	9/9/02 nest inventoried - 2 dead hatchlings found connected at head.
7/12/2002	CC	B11	r	ORV	ORV	.4 mi N of Ramp 4	54	35'48.268	75'32.605	9/3/2002	9/13/2002	9/15/2002	10/5/2002	64	29	93	5	59	63	B11	8/10 ghost crab hole at nest, fox tracks in front of closure; 8/24 fox tracks in closure
7/12/2002	CC	B12	n	ORV	ORV	1.8 mi N of Ramp 4	54	35'49.382	75'33.176	9/3/2002	9/13/2002	9/3/2002	10/5/2002	130	2	132	1	129	98	B12	8/10 fox tracks in front of closure; 8/24 fox tracks across nest site; 9/3 ghost crab hole into nest site
7/21/2002	CC	BH13	r	village	village	1.2 mi S of Rodanthe Pier	70	35'35.708	75'27.749	9/12/2002	9/22/2002	9/18/2002	10/14/2002	61	23	84	1	60	71	BH13	
7/22/2002	CC	B14	n	day use	day use	.3 mi S of Ramp 1	52	35'50.500	75'33.672	9/13/2002	9/23/2002	9/22/2002	10/15/2002	62	unk		unk			B14	7/22 fox tracks, scat & urine in body pit, no digging, ghost crab under secondary body pit; 8/4 canine tracks (possible fox) over nest site; 8/18 canine tracks in closure; 8/24 ghost crab hole at nest site; 8/31 canine digging at nest site; 9/2 large dog tracks over nest; 9/3 large dog tracks in closure; 9/14 footprint over nest site; 9/16 dog tracks in closure & ghost crab hole in nest;9/18 fox tracks in closure near nest; 9/23 hatched, big dog tracks near nest; 9/24 fox dug into nest, do not know if any unhatched eggs, live or dead hatchlings taken by fox
7/31/2002	CC	BH15	r	ORV	ORV	1.2 mi S of Ramp 27	79	35'28.019	75'28.896	9/22/2002	10/2/2002	9/30/2002	10/24/2002	83	25	108	3	80	74	BH15	8/13 ghost crab hole over nest site
8/7/2002	CC	BH16	r	village	ORV	.6 mi N of Ramp 23	74	35'27.908	75'28.913	9/29/2002	10/9/2002	unknown	10/31/2002	117	4	121	30	87	72	BH16	8/10 beach eroding in front of closure, nest site on berm, footprints across nest site; 8/17 canine tracks through closure; 8/28 nest moved due to threat of loss to erosion; 10/21 dog tracks through closure
<b>HI</b>																					
5/27/2002	CC	NH1	n	pier	pier	1 mi N Ramp 43 lighthouse beach	93	35'14.983	75'31.412	7/19/2002	7/29/2002	7/31/2002	8/20/2002	138	2	140	0	138	99	NH1	

5/27/2002	CC	NH2	r	village	village	0.1 mi N. Ramp 38	88	35'19.365	75'30.414	7/19/2002	7/29/2002	7/31/2002	8/20/2002	106	54	160	0	106	66	NH2	7/13 PVC B&C replaced; 7/24 beach furniture set up inside of closure; 8/1 fresh cat tracks in closure morning after hatching
5/29/2002	CC	NH3	n	village	village	1.4 mi N. Avon pier	87	35'22.0461	75'29.745	7/21/2002	7/31/2002	unknown	8/22/2002	41	110	151	0	41	27	NH3	5/29 nest may have been laid on previous days, nest discovered when disturbed by an unknown source, 11 damaged eggs removed; 6/08 PVC C post found in surf; 8/1 fresh cat tracks in closure; 8/13 cat tracks in closure
5/27/2002	CC	NH4	n	day use	day use	0.6 mi S Ramp 49 frisco airport	101	35'13.832	75'36.970	7/19/2002	7/29/2002	N/A	8/20/2002	N/A	N/A		N/A			NH4	8/23 dog tracks through closure - lady nearby with dog off leash; no eggs were located at time of initial activity, nest did not show signs of hatching, classified as a DIG
5/29/2002	CC	NH5	n	day use	day use	N. Ramp 43	91	35'14.786	75'31.472	7/21/2002	7/31/2002	7/30/2002	8/22/2002	66	38	104	2	64	62	NH5	7/30 hatched - ghost crab & feral cat tracks all over the nest area, one dead hatchling & 2 whole egg shells found; 8/1 fox predation, tracks all around & up to nest, eggshells scattered around, hatchlings tracks were going wrong way (towards dunes & to the left)
5/30/2002	CC	NH6	r	day use	day use	1.9 mi S. Ramp 38	91	35'16.902	75'30.937	7/22/2002	8/1/2002	7/30/2002	8/23/2002	71	10	81	4	67	83	NH6	7/30 many ghost crab tracks near nest area
6/1/2002	CM	NH7	n	village	village	0.8 mi N. Avon pier	83	35'21.504	75'29.896	7/24/2002	8/1/2002	8/6/2002	8/25/2002	120	4	124	12	108	87	NH7	7/2 footprints & writing in sand in closure; 7/22 PVC "B" removed/stolen; 7/26 illegal beach fire right next to closure - still hot with trash, broken beach furniture & glass around; 7/27 ORV drove into closure which is in NO ORV zone; 7/29 firecrackers & trash inside closure; 8/6 illegal fire near closure & people observed with flashlights inside closure by volunteer
6/3/2002	CC	NH8	r	village	village	1.3 mi N. Ramp 38	88	35'20.324	75'30.155	7/26/2002	8/3/2002	8/4/2002	8/27/2002	59	11	70	0	59	84	NH8	7/18 footprints through closure & broken string; 8/6 footprints & shells/log found over nest to mark location - volunteer sitting at nest previous night removed debris from nest site & confirmed seeing people inside of closure with flashlights
6/4/2002	CC	NH9	n	ORV	ORV	0.2 mi S. Ramp 43	95	35'13.917	75'31.639	7/27/2002	8/6/2002	N/A	8/28/2002	0	123	123	0	0	0	NH9	*nest received frequent overwash (16+) 6/9 heavy overwash w/ 1 post & transponder unearthed - found in tide (nest relocated); 7/13 ORV drove through nest leaving deep ruts - possibly over nest itself; 8/9 windblown sand covering nest 2-3 feet; 8/6 ORV drove through closure up to filter fence; 8/16 ORV tracks through closure; 9/1 nest excavated - all eggs undeveloped, no sand deposition at this time but cavity saturated w/water
6/6/2002	CC	NH10	n	village	village	3.9 mi S. Frisco pier	105	35'12.305	75'42.084	7/29/2002	8/8/2002	8/6/2002	8/30/2002	78	7	85	0	78	92	NH10	7/31 pedestrian tracks in closure; 8/3 cat tracks over nest area & lots of ghost crab holes; 8/7 severe escarpment developing due to erosion
6/7/2002	CC	NH11	n	day use	day use	2 mi S Ramp 38	91	35'17.636	75'30.785	7/30/2002	8/9/2002	unknown	8/31/2002	0	114	114	0	0	0	NH11	*nest received frequent overwash (8+); 6/6 lot of ghost crab tracks going into nest - 1 broken egg; 8/12 several large holes dug into sand w/in closure, 1 lg hole dug in area where nest may be (need to check measurements), several human footprints in closure; 8/13 new human tracks found in closure with 1 hole dug; 8/23 many new footprints
6/9/2002	CC	NH12	n	ORV	ORV	0.7 mi S Ramp 38	90	35'18.684	75'30.577	8/1/2002	8/11/2002	8/5/2002	9/2/2002	124	0	124	30	94	76	NH12	8/2 footprints in closure w/ writing & arrows pointing to tracks saying "tracks of stupid"; 8/11 excavation found 18 severely decomposed hatchlings in nest & large worm
6/13/2002	CC	NH13	n	village	village	0.9 mi S. Avon pier	92	35'20.019	75'30.241	8/5/2002	8/15/2002	8/11/2002	9/6/2002	96	3	99	6	90	91	NH13	
6/14/2002	CC	NH14	r	day use	day use	4.4 mi N Ramp 43	90	35'17.205	75'30.893	8/6/2002	8/16/2002	8/11/2002	9/7/2002	106	43	149	22	84	56	NH14	6/12 fox tracks in closure; 6/13 cat tracks in closure; 6/14 cat tracks over nest area; 8/12 fox tracks along side of closure & back into dunes (no digging) on night 2 hatchlings emerged; 8/13 cat tracks near nest
6/15/2002	CC	NH15	n	day use	day use	0.4 mi S Ramp 49	101	35'13.870	75'36.777	8/7/2002	8/17/2002	8/13/2002	9/8/2002	93	11	104	1	92	88	NH15	8/17 cat tracks in closure but not at nest, 1 dead hatchling found caught in grass away from nest, roots through & over nest cavity
6/17/2002	CC	NH16	n	day use	day use	just N Ramp 43	94	35'14.183	75'31.616	8/9/2002	8/17/2002	8/19/2002	9/10/2002	81	1	82	0	81	99	NH16	8/12 dog tracks through closure, lots of sand piling up; 8/13 ORV tracks in front of nest (NO ORV zone); 8/19 hatched wrong way - headed N towards Buxton lights
6/17/2002	CC	NH17	r	ORV	day use	0.1m N Ramp 43	96	35'14.186	75'31.614	8/9/2002	8/19/2002	8/14/2002	9/10/2002	87	12	99	6	81	82	NH17	8/12 dog tracks through closure, lots of sand piling up; 8/13 ORV tracks in front of nest (NO ORV zone); 8/17 hatched again; 8/19 hatched wrong way - headed N towards Buxton lights

6/17/2002	CC	NH18	r	day use	day use	0.4m N Ramp 43	94	35'14.384	75'31.552	8/9/2002	8/19/2002	8/17/2002	9/10/2002	104	24	128	0	104	81	NH18	8/13 fox tracks outside of closure, ORV tracks in front; 8/17 hatched a few - ghost crab tracks intercepted most crawls, ghost crab hole into nest; 8/21 fox tracks around depression, nest dug into but no signs of eggs taken
6/17/2002	CC	NH19	n	ORV	ORV	3.4m N R34	83	35'25.584	75'29.079	8/9/2002	8/19/2002	8/16/2002	9/10/2002	58	51	109	3	55	50	NH19	8/13 ORV tracks along surf then broke through closure on S side (witnessed by visitor); 8/15 ORV uprooted 2 lg signs & used them to dislodge vehicle, signs found half buried N or closure, tracks did not go into closure; 8/19 bird of prey? Really big tracks around & over nest
6/17/2002	CC	NH20	n	ORV	ORV	1.9m S Ramp 55	107	35'11.621	75'43.980	8/9/2002	8/19/2002	8/23/2002	9/10/2002	63	3	66	0	63	95	NH20	6/17 turtle witnessed coming to shore by LE Ranger Henson - saw fox in area when turtle attempting to nest - confirmed fresh canine tracks in close proximity of crawl; 6/23 hatchlings emerged from somewhere but did not appear to come from nest cavity(?) tracks going from ocean, across closure into dunes where they ended at fox tracks (bright night full moon)
6/18/2002	CC	NH21	r	day use	day use	1m N Ramp 43	93	35'15.099	75'31.351	8/10/2002	8/20/2002	8/15/2002	9/11/2002	119	8	127	6	113	89	NH21	8/13 crabs digging into nest depression, fox tracks nearby; 8/15 hatchlings disturbed by lights/ campfire? - tracks went towards dunes & to the left; 8/17 ghost crab tracks over depression; 8/18 killed a ghost crab living in nest; 8/19 cat tracks right to nest & over it, ghost crab in nest again
6/20/2002	CC	NH22	r	day use	day use	1.1 mi S Ramp 38	91	35'18.245	75'30.658	8/12/2002	8/22/2002	8/13/2002	9/13/2002	105	8	113	39	66	58	NH22	8/13 hatched; 8/18 began excavation - found 12 dead & 26 live hatchlings w/ more live ones felt deeper, removed egg shells & dead, reburied others; 8/20 fresh cat tracks behind nest, hatchling emerged going back towards dunes
6/20/2002	CC	NH23	n	ORV	ORV	1.4 mi S. Ramp 55	106	35'11.738	75'43.692	8/12/2002	8/22/2002	8/18/2002	9/13/2002	84	8	92	0	84	91	NH23	8/14 ORV tracks through closure, another witnessed driving through (NC commercial tags, brown Dodge Ram); 8/15 human found walking through closure, 2 VA vehicles observed driving through at tideline, & another Dodge Ram w/"mean" fisherman drove through
6/21/2002	CC	NH24	r	pier	day use	0.8 mi S Avon pier	88	35'20.569	75'30.108	8/13/2002	8/23/2002	8/14/2002	9/14/2002	120	10	130	13	107	82	NH24	6/26 bon fire next to nest still burning; 7/12 2 sign posts removed; 7/13 PVC "B" stolen/removed; 8/12 human tracks through middle of closure; 8/19 human interference with hatching event - "trough" made from nest to surf, shells left outlining nest cavity; 8/21 human disturbance of digging by nest cavity
6/22/2002	CC	NH25	n	day use	day use	1 mi S Avon pier	87	35'19.929	75'30.261	8/14/2002	8/24/2002	8/16/2002	9/15/2002	107	8	115	31	76	66	NH25	6/22 nest laid very shallow; 8/18 someone in nest closure & placed pile of shells next to nest for locations (local volunteers?); 8/20 beach canopy overturned in front of closure
6/24/2002	CC	NH26	r	ORV	ORV	1.6 mi S Ramp 55	107	35'11.682	75'43.834	8/16/2002	8/26/2002	8/15/2002	9/17/2002	100	0	100	4	96	96	NH26	8/15 human found walking through, 2 VA vehicles drove through at tideline, mean fisherman in Dodge Ram drove through
6/26/2002	CC	NH27	n	pier	pier	0.6 mi S Frisco Pier	102	35'13.372	75'38.835	8/18/2002	8/28/2002	8/21/2002	9/19/2002	73	23	96	0	73	76	NH27	close to pier and not relocated
6/28/2002	CC	NH28	r	day use	day use	0.1 mi S. Ramp 49	100	35'13.702	75'37.554	8/20/2002	8/30/2002	8/25/2002	9/21/2002	88	19	107	2	86	80	NH28	
7/1/2002	CC	NH29	n	day use	day use	0.5 miles North of Ramp 43	94	35'14.550	75' 31.521	8/23/2002	9/2/2002	N/A	9/24/2002	0	85	85	0	0	0	NH29	*nest saturated by overwashing tide (minimum of 19 overwashing events); 9/13 excavation found 15 pipped eggs with highly developed but dead hatchlings inside
7/1/2002	CC	NH30	n	village	village	1.3 mi S Ramp 49; 0.7 mi.N Frisco pier	101	35'13.706	75'37.548	8/23/2002	9/2/2002	8/26/2002	9/24/2002	99	4	103	0	99	96	NH30	8/23 dog tracks through closure - lady nearby with dog off leash
7/1/2002	CC	NH31	n	day use	day use	3.7 miles South Ramp 38	93	35'16.196	75'31.070	8/23/2002	9/2/2002	8/30/2002	9/24/2002	78	27	105	6	72	69	NH31	8/26 people tracks in closure
7/1/2002	CC	NH32	r	village	village	1.2 miles North Ramp 38	88	35'20.282	75'30.163	8/23/2002	9/2/2002	unknown	9/24/2002	39	4	43	0	39	91	NH32	7/13 PVC "B" post removed/stolen; 8/12 human & dog tracks in closure
5/01/02?	?	NH33	n	day use	day use	0.9 miles South of Frisco Pier	103	N/A	N/A	#VALUE!	#VALUE!	6/30/2002	#VALUE!	N/A	N/A		N/A			NH33	report of hatchling emergence observed by visitor from previously unknown nest (laid prior to turtle patrol), also observed 2 predated by gulls, unable to locate nest to confirm species or hatching success

7/2/2002	CM	NH34	n	day use	day use	0.6 miles South Ramp 49	100	35'13.838	75'36.891	8/24/2002	9/3/2002	9/5/2002	9/25/2002	99	5	104	3	96	92	NH34	8/23 dog tracks through closure -lady nearby with dog off leash; 8/24 fresh dog tracks in closure; 9/5 hatched between 12 & 1 am, volunteer arrived shortly after hatching & found 12 hatchlings in clutches of ghost crabs, all rescued & released, 1 injured & unlikely to survive; 9/9 excavation found 1 hatchling alive in nest but entangled in roots
7/2/2002	CC	NH35	n	day use	day use	3.7 miles South Ramp 38	93	35'16.207	75'31.064	8/24/2002	9/3/2002	8/31/2002	9/25/2002	82	17	99	0	82	83	NH35	
7/3/2002	CC	NH36	r	ORV	day use	just north of Ramp 43	94	35'14.083	75'31.609	8/25/2002	9/4/2002	8/29/2002	9/26/2002	85	22	107	0	85	79	NH36	7/3 turtle nest discovered below water line, bottom of nest inundated by water; 8/28 hatched, 2 hatchlings killed by ghost crabs
7/4/2002	CC	NH37	r	day use	day use	4.5 miles North Ramp 43	92	35'15.453	75'31.156	8/26/2002	9/5/2002	8/23/2002	9/27/2002	96	9	105	14	82	78	NH37	*very early hatching! 8/23 light pollution & tire ruts - filter fence on S side to eliminate Buxton lights, some hatchlings headed N towards Avon - some crawled into ORV tracks (NPS)
7/6/2002	CM	NH38	n	ORV	ORV	0.7 miles South Ramp 55	106	35'13.441	75'31.684	8/28/2002	9/7/2002	9/5/2002(?)	9/29/2002	105	6	111	1	104	94	NH38	7/6 ORV tracks over crawl making it impossible to locate nest; 7/30 ORV drove through closure; 9/2 ORV tracks at low tide line; 9/3 ORV drove through; 9/4 Orv's drove through; 9/7 several ORV's drove through, knocked down 3 signs leaving very deep ruts in front of nest site; 9/8 atleast 3 ORV's drove through closure, broke string & PVC pipe; 9/9 several ORV's drove through; 9/29 2 sets of ped tracks through closure w/in filter fenced area
7/7/2002	CC	NH39	r	remote day use	day use	4.3 miles North Ramp 43	89	35' 17.416	75'30.834	8/29/2002	9/8/2002	8/28/2002	9/30/2002	81	39	120	38	43	36	NH39	8/28 hatch; 8/29 ghost crab hole deep into nest allowing water from dune to drain into nest cavity; 9/1 excavation 37 eggs contained dead hatchlings half out of shell (drowned due to above mentioned condition?), 35 live hatchlings very lethargic - sand compacted
7/7/2002	CC	NH40	r	ORV	day use	0.2 miles North Ramp 43	95	35'13.248	75'31.637	8/29/2002	9/8/2002	8/30/2002	9/30/2002	88	22	110	33	55	50	NH40	8/30 lg caved in depression w/hard crust - unable to determine if hatched due to heavy winds & rains; 9/3 hatched in wrong direction - went towards dunes & N to Buxton lights, possible moon light affected event also; 9/5 excavation - 17 dead hatchlings half out of shell - bottom of nest very wet, 27 live hatchlings were stuck in sand impacted by water
7/8/2002	CC	NH41	r	village	ORV	1.8 miles South Ramp 55	106	35'12.312	75'42.079	8/30/2002	9/9/2002	unknown	10/1/2002	83	13	96	3	80	83	NH41	9/3 ORV drove through closure
7/13/2002	CC	NH42	n	ORV	ORV	2.9 miles North Ramp 34	83	35'24.989	75'29.121	9/4/2002	9/14/2002	9/8/2002	10/6/2002	108	12	120	1	107	89	NH42	
7/14/2002	CC	NH43	n	remote day use	remote day use	3.2 miles North Ramp 43	92	35'16.693	75'30.993	9/5/2002	9/15/2002	9/7/2002	10/7/2002	63	2	65	0	63	97	NH43	*nested inside of tern colony N of Buxton
7/16/2002	CC	NH44	r	Day use	day use	1.2 miles South Ramp 38	91	35'18.277	75'30.651	9/7/2002	9/17/2002	9/13/2002	10/9/2002	96	2	98	64	32	33	NH44	9/10-9/12 heavily overwashed, several tide cycles overwashed nest; 9/18 dog traacks in closure; 9/18 excavation - 64 dead hatchlings found in nest (drowned?)
7/16/2002	CC	NH45	n	ORV	ORV	0.5 miles N Ramp 49	100	35'14.001	75'35.818	9/7/2002	9/17/2002	unknown	10/9/2002	17	71	88	12	5	6	NH45	7/16 ORV drove over nest cavity (very shallow) before turtle patrol arrived, tracks went directly over nest & eggs; nest overwashed a minimum of 8 times; 10/3 excavation - 12 dead/very decomposed hatchlings, rest of eggs (71) in arrested state of development
7/21/2002	CC	NH46	n	ORV	ORV	2.6 miles South Ramp 30	83	35'23.959	75'29.196	9/12/2002	9/22/2002	N/A	10/14/2002	0	130	130	0	0	0	NH46	7/26 erosion occurring in front of nest creating small pool; 9/4 NOTE: nest is at a low point on beach & recieveing heavy amounts of overwash (more than documented) - check egg viability before closing beach for hatching event; 9/11 egg chamber in surf zone, all eggs undeveloped
7/22/2002	CC	NH47	n	ORV	ORV	1 mile North Ramp 49	99	35'14.064	75'35.191	9/13/2002	9/23/2002	N/A	10/15/2002	0	118	118	0	0	0	NH47	8/5 ORV plowed through nest site & over nest cavity, all signs uprooted & broken found several feet S of nest leaving nest completely unprotected; 8/10 string down; 8/26 pedestrian uprooted sign; 10/3 excavation - nest received high amount of overwash - all eggs arrested development
7/23/2002	CC	NH48	r	ORV	day use	0.2 miles North Ramp 43	95	35'13.459	75'31.676	9/14/2002	9/24/2002	N/A	10/16/2002	0	113	113	0	0	0	NH48	*heavily overwashed
7/23/2002	CC	NH49	r	day use	day use	1.4 mi S of Ramp 38	91	35'18.070	75'30.680	9/14/2002	9/24/2002	9/19/2002	10/16/2002	118	9	127	0	118	93	NH49	9/14 cat tracks in closure

7/25/2002	CC	NH50	n	day use	day use	3.4 mi S of Ramp 38	92	35'16.290	75'31.067	9/16/2002	9/26/2002	9/18/2002	10/18/2002	112	10	122	0	112	92	NH50	9/19 loads of ghost crab & cat tracks through closure
7/25/2002	CC	NH51	n	ORV	ORV	1.5 mi S of Ramp 30	83	35'24.975	75'29.113	9/16/2002	9/26/2002	unkown	10/18/2002	116	11	127	0	116	91	NH51	
7/28/2002	CC	NH52	r	day use	day use	1.4 mi S of Ramp 38	91	35'18.177	75'30.669	9/19/2002	9/29/2002	9/30/2002	10/21/2002	78	12	90	2	76	84	NH52	9/27 dog tracks in closure; 9/30 hatched sideways-filter fence in hook shape around nest w/longer side towards ORV zone (hatchlings wondered S towards Buxton lights before hitting water); 10/4 ghost crab burrowed into nest cavity, eggshell outside of nest
7/28/2002	CC	NH53	r	ORV	ORV	2.8 mi N of Ramp 34	83	35'24.791	75'29.135	9/19/2002	9/29/2002	unknown	10/21/2002	86	10	96	7	79	82	NH53	
7/29/2002	CC	NH54	n	day use	day use	1.4 mi S of Ramp 38	91	35'18.147	75'30.675	9/20/2002	9/30/2002	9/20/2002	10/22/2002	115	9	124	1	114	92	NH54	8/30 depression?; 9/20 hatched way early before closure was due for expansion, nest was not within 4-posted boundary, signs were washed out with TS Gustav & not put back in right place
7/31/2002	CC	NH55	n	ORV	ORV	0.6 mi N of Ramp 49	99	35'14.005	75'35.671	9/22/2002	10/2/2002	N/A	10/24/2002	N/A	N/A		N/A			NH55	7/31 tampering of nest - huge amount of sand piled up over nest area completely obliterating tracks & body pit; 8/1 dug some more but could not find body pit; 9/4 dog tracks in closure; 9/9-9/14 TS Gustav - lg amount of overwash, transponder washed up at dune line S of closure (not confirmed as a nest)
8/2/2002	CC	NH56	r	pier	village	1.6 mi N of Avon Pier	87	35'20.961	75'30.036	9/24/2002	10/4/2002	9/29/2002	10/26/2002	86	7	93	1	85	91	NH56	8/10 chicken eggs thrown into closure, footprints through out closure; 9/4 dog tracks; 9/19 footprints in closure; 9/27 ORV drove in front of nest at tide line; 9/28 atleast 4 ORV's drove through; 9/29 fresh ORV tracks in front of closure
8/2/2002	CC	NH57	n	ORV	ORV	2.5 mi S of Ramp 55	108	35'.11.446	75'44.489	9/24/2002	10/4/2002	N/A	10/26/2002	0	122	122	0	0	0	NH57	8/2 ORV drove over nest before turtle patrol arrived in morning; 9/29 ORV's driving in front of nest at tideline; 10/18 excavation -nest received heavy overwash & sand deposition of ca. 4 feet, unhatched eggs were partially developed
8/3/2002	CC	NH58	r	village	village	0.5 mi N of Ramp 38	89	35'19.629	75'30.338	9/25/2002	10/5/2002	10/5/2002	10/27/2002	43	45	88	1	42	48	NH58	9/27 ORV drove in front of closure;9/29 2 sets of human tracks through closure w/in filter fencing, cat tracks in closure; 10/4 cat tracks around filter fencing
8/3/2002	CC	NH59	r	village	village	3.9 mi N of Ramp 34	83	35'25.626	75'29.064	9/25/2002	10/5/2002	unknown	10/27/2002	15	107	122	10	5	4	NH59	*nest received high amount of overwash
8/3/2002	CC	NH60	r	day use	day use	0.5 mi S of Ramp 49	100	35'13.868	75'36.679	9/25/2002	10/5/2002	10/5/2002	10/27/2002	106	8	19		106	558	NH60	8/23 dog tracks in closure - lady nearby with dog off leash
8/6/2002	CC	NH61	n	ORV	ORV	0.7 mi E of Ramp 45	97	35'13.503	75'32.156	9/28/2002	10/8/2002	unknown	10/30/2002	81	13	94	2	79	84	NH61	10/10 ORV drove through at tide line; 10/13 ORV drove through at tide line *nest received lots of overwash beginning one month prior to expected hatching date
unknown	DC	NH62	n	day use	day use	0.9 mi N of Frisco Pier	101	35'13.759	75'37.291	#VALUE!	#VALUE!	8/12/2002		25	71	96	2	23	24	NH62	8/12 cat tracks & lots of ghost crabs near nest; 8/17 excavation started & stopped once discovered DC nest - 3 whole eggs & 1 spacer removed; 8/19 cat tracks; 8/19 excavation - 29 yokeless "spacer" total
<b>OI</b>																					
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			
										2/22/1900	3/3/1900		3/25/1900			0		0			

2002 False Crawls - Cape Hatteras National Seashore						
act #	date	lat	long	site type	species	comments
<b>HI</b>						
7	5/30/2002	35'23.483	75'29.289	ORV	CC	1.2 mi N. Ramp 34
9	6/1/2002	35'13.846	75'36.852	day use	CC	0.5 mi S. Ramp 49
12	6/5/2002	35'17.153	75'30.898	day use	CC	2.1 mi N. jetties
19	6/16/2002	35'24.361	75'29.140	ORV	CC	2.2 mi N. Ramp 34
25	6/18/2002	35'13.360	75'31.681	ORV	CC	0.9m S Ramp 43
28	6/20/2002	35'14.604	75'31.523	day use	CC	0.5 mi N Ramp 43
30	6/21/2002	35'21.278	75'29.967	pier	CC	1.5 mi S. Ramp 34
32	6/21/2002	35'13.428	75'31.683	ORV	CC	0.7 mi S. Ramp 43
34	6/24/2002	35'12.399	75'41.839	village	CC	Hatteras; 3.6 mi S of Frisco Pier
37	6/27/2002	35'13.361	75'31.681	ORV	CC	0.8 mi N. of Point: sandbag and stick at site
39	6/30/2002	35* 19.917	75*30.255	Day use/pier	CC	0.9 miles North of Ramp 38; 1.3 miles South of Avon pier; cat tracks were around crawl site. Approx. 15 feet from act. 40
40	6/30/2002	35*19.920	75*30.254	day use/pier	CC	0.9 miles North of Ramp 38; 1.3 miles South of Avon pier, cat tracks around crawl site. Approx. 15 feet away from act. 39.
41	6/30/2002	35*13.921	75*36.443	day use	CC	0.1 mile South of Ramp 39
42	6/30/2002	35*13.865	75*36.765	day use	CC	0.5 mi South of Ramp 49
43	6/30/2002	35*13.828	75*36.955	day use	CC	0.7 mi south of Ramp 49
44	6/30/2002	35*13.785	75*37.184	day use	CC	0.9 mi south of Ramp 49
45	6/30/2002	35*13.757	75*37.317	village	CC	1.1 mi South of Ramp 49
46	6/30/2002	35*13.718	75*37.474	village	CC	1.1 mi South of Ramp 49
49	7/1/2002	35'17.272	75'30.873	day use	CC	2.3 miles South of Ramp 38
50	7/1/2002	35'17.186	75'30.889	day use	CC	2.5 miles South Ramp 38
57	7/4/2002	35'13.679	75'37.612	village	CC	1.2 miles South Ramp 49
76	7/31/2002	35'14.042	75'35.403	ORV	CC	0.6 mi N of Ramp 49
84	8/10/2002	35'15.851	75'31.119	village	CC	2.3 mi N of Ramp 43
86	8/15/2002	35'14.770	75'31.461	day use	CC	0.7 mi N of Ramp 43
87	8/15/2002	35'14.013	75'31.598	ORV	CC	0.1 mi S of Ramp 43
<b>OI</b>						
3	5/21/2002	35'07.834	75'54.401	day use	CC	.9 mi NE of Ramp 68
4	5/21/2002	35'04.286	75'51.108	day use	CC	3.3 mi NE of Ramp 67
5	5/28/2002	35'10.748	75'47.015	day use	CC	.5 mi SW of Ramp 59
9	5/29/2002	35'09.066	75'51.588	day use	CC	2.3 mi NE of Ramp 67
13	6/9/2002	35'09.192	75'51.278	day use	CC	4.8 mi S of Ramp 59
14	6/9/2002	35'09.641	75'50.177	day use	CC	3.6 mi S of Ramp 59
16	6/9/2002	35'10.899	75'46.700	ORV	CC	just N of Ramp 59
17	6/10/2002	35'07.391	75'55.295	day use	CC	just SW of Ramp 68
24	6/20/2002	35'09.042	75'51.636	day use	CC	2.75 mi NE of Ramp 67
25	6/20/2002	35'09.335	75'50.940	day use	CC	3.5 mi NE of Ramp 67
26	6/23/2002	35'09.848	75'49.640	day use	CC	5.0 mi NE of Ramp 67
33	7/5/2002	35'09.085	75'51.518	day use	CC	2.9 mi NE of Ramp 67
35	7/6/2002	35'09.296	75'51.010	day use	CC	3.45 mi NE of Ramp 67
36	7/6/2002	35'09.297	75'51.004	day use	CC	3.45 mi NE of Ramp 67
38	7/10/2002	35'05.296	75'58.867	ORV	CC	1.5 mi S of Ramp 72
39	7/11/2002	35'09.036	75'51.670	day use	CC	2.7 mi NE of Ramp 67
40	7/11/2002	35'09.149	75'51.381	day use	CC	3 mi NE of Ramp 67
41	7/11/2002	35'09.705	75'50.006	day use	CC	4.5 mi NE of Ramp 67
44	7/24/2002	35.10.703	75'47.156	day use	CC	.4 mi SW of Ramp 59
45	7/25/2002	35'09.862	75'49.617	day use	CC	3.95 mi SW of Ramp 59
48	8/8/2002	35'07.882	75'54.294	day use	CC	.9 mi NE of Ramp 68
49	8/16/2002	35'10.596	75'47.551	day use	CC	1.5 mi SW of Ramp 59
<b>BH</b>						
8	6/27/2002	35'26.584	75'29.013	ORV	CC	1.8 mi S of Ramp 27
9	6/29/2002	35'31.649	75'28.156	ORV	CC	0.2 mi S of Ramp 23

14	7/4/2002	35'33.550	075'27.741	village	CC	1.8 mi S of Rodanthe Pier
15	7/4/2002	35'33.915	75'27.696	village	CC	1.4 mi S of Rodanthe Pier
20	7/20/2002	35'30.030	75'28.539	ORV	CC	2.1 mi S of Ramp 23
23	7/28/2002	35'31.396	75'28.208	ORV	CC	0.5 mi S of Ramp 23
25	8/2/2002	35'32.599	75'27.916	village	CC	2.8 mi S of Rodanthe Pier
27	8/11/2002	35'34.589	75.27.664	village	CC	.6 mi S of Rodanthe Pier
<b>BI</b>						
16	7/9/2002	35'49.126	75'33.033	ORV	CM	1.5 mi N of Ramp 4

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## Cape Hatteras National Seashore - 2003 Sea Turtle Nesting season

Date	Activity #	Species	Nest #	A to B (ft, in)	Treatment Relocate Y/N	Original nest site type	Zone	Relocation site type (if applicable)	Physical location of incubating	Original site lat	Original site long	If relocated lat	If relocated long	Close date	Est. HD	Actual HD	Dig date if HD unknown
Hatteras																	
6/4/2003	1	CC	H1	33	N	Day Use	100		0.4 mi S of R 49	35.23116	75.61231			7/29/2003	8/6/2003	8/26/2003	8/23/2003
6/7/2003	5	CC	H2	80	N	ORV	100		less than 0.1 mi N of R 49	35.23249	75.60405			8/1/2003	8/9/2003	8/25/2003	8/31/2003
6/7/2003	6	CC	H3	169.2	Y	ORV	86	ORV	0.25 mi S of R 34	35.37559	75.49283	35.3756	75.4931	8/1/2003	8/9/2003	8/13/2003	8/31/2003
6/8/2003	8	CC	H4	3.1	N	Other	92		2.3 mi S of R 38	35.28746	75.51477			8/2/2003	8/10/2003	8/15/2003	9/1/2003
6/9/2003	11	CC	H5	31.4	N	Village	104		3 mi S of Frisco Pier	35.21169	75.68324			8/3/2003	8/11/2003	8/21/2003	9/2/2003
6/10/2003	12	CC	H6	54	N	ORV	106		1.7 mi N of R 55	35.19479	75.73019			8/4/2003	8/12/2003	8/15/2003	9/3/2003
6/12/2003	13	CC	H7	38	N	Day Use	99		0.9 mi N of Frisco Pier	35.22942	75.62065			8/6/2003	8/14/2003		9/5/2003
6/12/2003	15	CC	H8	12	N	Day Use	101		0.6 mi S of Frisco boardwalk stairs	35.22102	75.6537			8/6/2003	8/14/2003	8/21/2003	9/5/2003
6/13/2003	17	CC	H9	14.05	Y	Pier	88	Non-ORV	0.9 mi S Avon Pier/1.1 mi N R 38	35.34006	75.50237	35.33534	75.5036	8/7/2003	8/15/2003	8/17/2003	9/6/2003
6/15/2003	20	CC	H10	8.4	N	Other	102		1 mi S Frisco Pier	35.22113	75.65338			8/9/2003	8/17/2003	8/21/2003	9/8/2003
6/17/2003	22	CC	H11	22.65	N	Village	106		3.4 mi S of Frisco Pier	35.20963	75.68867			8/11/2003	8/19/2003	8/19/2020	9/10/2003
6/20/2003	24	CM	H12	19.5	N	ORV	86		2 mi N R 34	35.40363	75.48615			8/14/2003	8/22/2003	9/1/2003	9/13/2003
6/21/2003	25	CC	H13	94.2	N	Day Use	96		0.2 mi S R 43	35.23961	75.52611			8/15/2003	8/23/2003	8/26/2003	9/14/2003
6/24/2003	26	CC	H14	6.11	Y	Other	90	Other	1.0 mi S R 38	35.29465	75.51285	35.29465	75.51305	8/18/2003	8/26/2003		9/17/2003
6/24/2003	27	CM	H15	269.3	Y	ORV	102	ORV-(in bird closure)	1.9 mi N R 49	35.2346	75.57122	35.23475	75.57121	8/18/2003	8/26/2003	8/28/2003	9/17/2003
6/24/2003	28	CC	H16	55.5	N	ORV	99		0.4 mi N R 49	35.23334	75.59707			8/18/2003	8/26/2003		9/17/2003
6/27/2003	29	CC	H17	67.1	N	ORV	100		0.1 mi N R 49	35.23266	75.60129			8/21/2003	8/29/2003		9/20/2003
6/27/2003	31	CC	H18	112.8	N*	groins	93		0.6 mi S of groins	35.24527	75.5248			8/21/2003	8/29/2003	8/31/2003	9/20/2003
6/28/2003	33	CC	H19	13.8	Y	Pier	102	ORV	1.1 mi N Frisco Pier	35.22353	75.64514	35.23011	75.61711	8/22/2003	8/30/2003		9/21/2003
6/30/2003	34	CC	H20	9.65	N	Day Use	100		0.9 mi S R 49	35.22958	75.62006			8/24/2003	9/1/2003		9/23/2003
6/30/2003	35	CC	H21	200	N	ORV	108		1.9 mi S R 55	35.19315	75.73368			8/24/2003	9/1/2003		9/23/2003
7/4/2003	37	CC	H22	14.1	Y	Pier	102	Day Use	1.0 mi N of Frisco Pier	35.2263	75.63392	35.22956	75.62037	8/28/2003	9/5/2003		9/27/2003
7/7/2003	38	CC	H23	100	N	Day Use	90		1.8 mi S R 38	35.29358	75.51311			8/31/2003	9/8/2003		9/30/2003
7/8/2003	39	CC	H24	29.65	Y	Day Use	104	Village	2.3 mi S of Frisco Pier	35.21622	75.66943	35.21518	75.67294	9/1/2003	9/9/2003		10/1/2003
7/8/2003	40	CC	H25	3.3	N	Village	104		2.1 mi S Frisco Pier	35.2157	75.67154			9/1/2003	9/9/2003		10/1/2003
7/12/2003	41	CC	H26	6.4	N	ORV	95		Cape Point, just S of the point	35.22194	75.52771			9/5/2003	9/13/2003		10/5/2003
7/12/2003	42	CC	H27	11.2	N	Day Use	100		.1 mi S of R 49	35.23211	75.6068			9/5/2003	9/13/2003		10/5/2003
7/13/2003	43	CC	H28	15.4	N	ORV	99		2.5 mi S of drain ramp	35.23382	75.59309			9/6/2003	9/14/2003		10/6/2003
7/13/2003	44	CC	H29	65.3	N	ORV	87		1 mi S R 30	35.25357	75.29087			9/6/2003	9/14/2003		10/6/2003
7/15/2003	47	CC	H30	12.2	N	Village	104		2.5 mi S of Frisco Pier	35.21302	75.67922			9/8/2003	9/16/2003		10/8/2003
7/17/2003	49	CC	H31	85	N	ORV	98		1.1 mi S of R 46	35.14071	75.3411			9/10/2003	9/18/2003		10/10/2003
7/17/2003	50	CC	H32	156.2	N	Other	93		.5 mi N of R 43	35.24347	75.52514			9/10/2003	9/18/2003		10/10/2003
7/24/2003	53	CC	H33	178	N	Day Use	94		0.6 mi N of R 43 (Lighthouse beach)	35.2439	75.52499			9/17/2003	9/25/2003		10/17/2003
7/24/2003	54	CC	H34	81	N	Day Use	93		1.1 mi N of R 43 (Lighthouse beach)	35.25145	75.5227			9/17/2003	9/25/2003		10/17/2003
7/24/2003	55	CC	H35	5	N	Day Use	106		6.1 mi SW of R 49/0.1 mi NE of R 55	35.12297	75.42116			9/17/2003	9/25/2003		10/17/2003
7/26/2003	56	CC	H36	139	Y	ORV	94	ORV	.5 mi N of R 45	35.22647	75.53839	35.22658	75.53838	9/19/2003	9/27/2003		10/19/2003
7/28/2003	57	CC	H37	10.4	Y	Pier	57	Day Use	1.1 mi S of Frisco Pier	35.22463	75.64026	35.22116	75.6535	9/21/2003	9/29/2003		10/21/2003
7/28/2003	58	CC	H38	27	N	Day Use	58		2.1 mi S Frisco Pier	35.21621	75.66963			9/21/2003	9/29/2003		10/21/2003

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7/31/2003	60	CC	H39	4.11	N	Day Use	105		.7 mi N of R 55	35.12406	75.41584			9/24/2003	10/2/2003		10/24/2003
														2/24/1900	3/3/1900		3/25/1900
8/1/2003	61	CC	H40	24	N	Day Use	100		.4 mi S of R 49	35.2313	75.61142			9/25/2003	10/3/2003		10/25/2003
8/3/2003	62	CC	H41	15.4	N	ORV	98		1.8 mi S R 46	35.23445	75.50276			9/27/2003	10/5/2003		10/27/2003
8/4/2003	63	CC	H42	10.8	N	ORV	95		R 44	35.23007	75.52711			9/28/2003	10/6/2003		10/28/2003
8/7/2003	64	CM	H43	7.6.5	Y	Pier	102	Day Use	.9 mi N Frisco Pier					10/1/2003	10/9/2003		10/31/2003
8/8/2003	65	CC	H44	15.85	N	ORV	93		.7 mi N R 43	35.24638	75.52441			10/2/2003	10/10/2003		11/1/2003
8/20/2003	67	CC	H45	24	N	Day Use			.7 mi S Frisco Pier	35.22258	75.64843			10/14/2003	10/22/2003		11/13/2003
8/21/2003	68	CC	H46	35	N	Day Use			4.1 mi S Avon Pier	35.29	75.51405			10/15/2003	10/23/2003		11/14/2003
														2/24/1900	3/3/1900		3/25/1900
Bodie Island																	
6/7/2003	1	cc	NB1	32	Y	ORV	57	Day Use	0.6 m South of Coquina ramp	35.79706	75.53979	35.82451	75.55358	8/1/2003	8/9/2003		8/31/2003
6/18/2003	2	cc	NBH1	32.8	N	ORV	78		2.8 m south of R23	35.48956	75.47821			8/12/2003	8/20/2003		9/11/2003
6/19/2003	3	cc	NBH2	20.8	N	ORV	78		2.4 m south of R23	35.49617	75.47668			8/13/2003	8/21/2003		9/12/2003
6/23/2003	5	CC	NBH3	30.3	N	ORV	80		1.8 m south of R27	35.444272	75.4837			8/17/2003	8/25/2003		9/16/2003
7/1/2003	6	CC	NBH4	46.9	N	ORV	76		0.8 m South of R23	35.51849	75.47153			8/25/2003	9/2/2003		9/24/2003
7/26/2003	10	CC	NBH5	61.5	Y	village		village	0.9 m of R23	35.59129	75.46185	35.59134	75.46186	9/19/2003	9/27/2003		10/19/2003
7/29/2003	11	CM	NBH6	55.5	N	ORV			3.3 m S of R23	35.48246	75.47937			9/22/2003	9/30/2003		
7/30/2003	12	CC	NBH7	29.7	N	ORV			3.2 M S of R23	35.48458	75.47926			9/23/2003	10/1/2003		
cracoke Island																	
5/21/2003	1	CC	1	174.3	n	ORV	122		0.15 miles south of 72	35.07956	75.99334			7/15/2003	7/23/2003		8/14/2003
5/30/2003	2	CC	2	23	n	DU	110		0.2 miles south of 59	35.17944	75.78445			7/24/2003	8/1/2003	8/6/2003	8/23/2003
6/2/2003	1	CC	3	29.1	n	DU	120		0.2 miles north of 70	2/4/1900	3/15/1900			7/27/2003	8/4/2003	8/15/2003	8/26/2003
6/9/2003	7	CC	4	38.9	n	DU	120		1.5 miles south of 68	35.06932	75.56214			8/3/2003	#REF!	8/21/2003	9/2/2003
6/9/2003	8	CC	5	35.5	n	DU	119		0.1 miles north of 68	35.12428	75.92006			8/3/2003	8/19/2000	8/19/2003	9/2/2003
6/9/2003	11	CC	6	12.5	n	DU	113		2.8 miles south of 59	35.16455	75.82662			8/3/2003	8/11/2003	8/20/2003	9/2/2003
6/9/2003	12	CC	7	n/a	n	DU	112		1.9 miles south of 59	35.17152	75.80891			8/3/2003	8/11/2003	8/15/2003	9/2/2003
6/10/2003	14	CC	8	10.9	n	DU	113		4.9 miles north of 67	35.16428	75.82705			8/4/2003	8/12/2003	8/16/2003	9/3/2003
6/13/2003	15	CC	9	64	n	DU	120		1.5 miles north of 70	35.1149	75.93792			8/7/2003	8/15/2003		9/6/2003
6/16/2003	17	CC	10	17	n	DU	116		2 miles north of 67	35.15336	75.5453			8/10/2003	8/18/2003		9/9/2003
6/17/2003	18	CC	11	205.1	n	ORV	121		0.01 miles south of 72	35.08003	75.99249			8/11/2003	8/19/2003		9/10/2003
6/21/2003	21	CC	12	26	n	DU	119		0.15 miles south of 68	35.11973	75.92905			8/15/2003	8/23/2003	8/25/2003	9/14/2003
6/21/2003	22	CC	13	28	n	DU	111		1.2 miles south of 59	35.1747	75.9908			8/15/2003	8/23/2003		9/14/2003
6/22/2003	23	CC	14	21	y	DU	114	DU	4.7 miles north of 67	35.1633	75.8297	35.16517	75.82553	8/16/2003	8/24/2003	8/24/2003	9/15/2003
6/22/2003	24	CC	15	21	n	DU	112		2.3 miles south of 59	35.16884	75.81546			8/16/2003	8/24/2003		9/15/2003
6/23/2003	26	CC	16	2	y	ORV	121	ORV	0.1 miles south of 70	35.10109	75.98171	35.10123	75.98171	8/17/2003	8/25/2003		9/16/2003
6/24/2003	27	CC	17	38	n	ORV	121		1.5 miles south of 70	35.0892	75.9831			8/18/2003	8/26/2003		9/17/2003
6/26/2003	28	CC	18	16.3	y	ORV	122	ORV	0.1 miles south of 72	35.07971	75.99243	35.07971	75.99267	8/20/2003	8/28/2003		9/19/2003
6/27/2003	30	CC	19	82.9	n	DU	119		0.7 miles south of 68	35.11939	75.9294			8/21/2003	8/29/2003		9/20/2003
6/28/2003	31	CC	20	98	n	ORV	121		.05 miles north of 72	35.08169	75.99073			8/22/2003	8/30/2003		9/21/2003
	33	CC	21	48	n	DU	120		1.48 miles north of 70	35.11551	75.93687			2/24/1900	3/3/1900		3/25/1900
7/9/2003	35	CC	22	39.2	n	DU	112		6.5 miles north of 67	35.17406	75.80112			9/2/2003	9/10/2003		10/2/2003
7/11/2003	38	CC	23	12	n	DU	110		0.05 north of 59	35.1806	75.77988			9/4/2003	9/12/2003		10/4/2003
7/12/2003	39	CC	24	48	n	DU	120		0.3 miles north of 70	35.10778	75.95079			9/5/2003	9/13/2003		10/5/2003
	40	CC												2/24/1900	3/3/1900		3/25/1900
7/13/2003	40	CC	25	48	n	DU	120		1.3 miles north of 70	35.1131	75.94145			9/6/2003	9/14/2003		10/6/2003
7/14/2003	41	CC	26	24	n	ORV	118		0.1 miles north of 67	35.13364	75.90032			9/7/2003	9/15/2003		10/7/2003
7/17/2003	42	CC	27	19.4	n	DU	117		1.3 miles north of 67	35.14407	75.87633			9/10/2003	9/18/2003		10/10/2003
7/21/2003	46	CC	28	333	n	ORV	121		mile 70	35.10276	75.959			9/14/2003	9/22/2003		10/14/2003
7/21/2003	47	CC	29	55	n	DU	121		0.8 miles south of 68	35.11683	75.9345			9/14/2003	9/22/2003		10/14/2003
7/23/2003	51	CC	30	24.1	n	DU	118		0.1 miles south of 67	35.13148	75.90479			9/16/2003	9/24/2003		10/16/2003
7/27/2003	55	CC	31	180	n	ORV	120		0.2 miles north of 70	35.10461	75.95604			9/20/2003	9/28/2003		10/20/2003
7/29/2003	56	CC	32	16	n	ORV	121		0.051 miles north of 72	35.08231	75.99029			9/22/2003	9/30/2003		10/22/2003
7/29/2003	57	CC	33	10.5	n	DU	114		4 miles south of 59	35.15936	75.83959			9/22/2003	9/30/2003		10/22/2003
8/2/2003	58	CC	34	117	y	ORV	122		1.1 miles south of 70	35.09218	75.97558	35.09256	75.97525	9/26/2003	10/4/2003		10/26/2003



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Nest Inventory Data									Partial loss of nest to:				
Rel T.	ES	UH	DH	LH	HS%	Unknown	Nest #	Nest Inventory Date	# Overwash days	Egg loss	Hatchling loss	Complete nest loss to:	Comments:
123	100	21	0	14	89		H1	9/3/03, 9/6/03	7/4/2003				excavated 9/3 and released live hatchlings, re-excavation 9/6; 2 of live hatch in nest were <b>pipped</b>
88	79	6	0	3	76		H2	8/28/2003					3 live hatchlings in nest were <b>pipped</b>
118	111	7	0	0	111		H3	8/19/2003					
119	107	12	0	2	105		H4	8/22/2003					
106	89	17	0	0	89		H5	8/25/2003		1			
151	140	11	1	0	139		H6	8/19/2003					dead hatchling was <b>pipped</b>
125	0	125	0	0	0		H7	9/6/2003	6/12/03,6/14/03,6/19/03,6/21/03,6/30/03,7/5/03,7/14/03,8/8/03				
109	102	7	0	0	102		H8	8/25/2003	6/12/03,6/20/03,7/14/03,8/8/03				
147	145	2	0	0	145		H9	8/23/2003					
138	134	4	1	3	131		H10	8/25/2003	6/15/03,6/19/03,7/14/03,8/8/03				
103	30	73	0	2	28		H11	8/26/2003	6/17/03,6/19/03				
83	72	11	2	2	67		H12	9/5/2003					13 spacers
104	103	1	0	0	103		H13	9/3/2003					
95					0	lost	H14		9/8/03,9/9/03,9/10/03				lost to storm tides 9/14/03
115	105	10	0	3	102		H15	9/3/03/					
					#DIV/0!	lost	H16		6/24/03,7/1/03,7/5/03				lost to storm 9/12/03
					#DIV/0!	lost	H17						lost to storm 9/12/03
121	95	26	4	3	89		H18	9/5/2003					
129					0	lost	H19		9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)
						lost	H20		6/33/03,7/14/03,7/15/03,9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)
						lost	H21		6/30/03,6/31/03,6/32/03,6/33/03				lost to erosion 7/12/03
						lost	H22		7/14/03,7/15/03,9/8/03,9/9/03,9/10/03				transponder gone 9/6/03, nest definitely lost to storm 9/26/03 (Isabel)
114	112	2	0	2	110		H23	9/6/2003	8/1/03,8/4/03,8/30/03,8/31/03				surf had uncovered transponder, 5 eggshells found outside nest
106					0	lost	H24		7/14,9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)
						lost	H25	9/10/2003					lost to storm 9/26/03 (Isabel)
						lost	H26						lost to storm tides on 9/12/03
						lost	H27		9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)
						lost	H28						lost to storm 9/26/03 (Isabel)
						lost	H29		9/10/2003				lost to storm 9/26/03 (Isabel)
						lost	H30						lost to storm 9/26/03 (Isabel)
						lost	H31						lost to storm 9/26/03 (Isabel)
						lost	H32						lost to storm 9/10/03 (Fabian)
						lost	H33						lost to storm 9/10/03 (Fabian)
						lost	H34						lost to storm 9/14/03
						lost	H35		7/24/03,8/1/03,9/17/03				lost to storm 9/26/03 (Isabel)
144					0	lost	H36						lost to storm 9/14/03
105					0	lost	H37		8/8/03,9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)
						lost	H38		9/8/03,9/9/03,9/10/03				lost to storm 9/26/03 (Isabel)





2003 False Crawls - Cape Hatteras National Seashore							
	<u>date</u>	<u>act. #</u>	<u>species</u>	<u>lat</u>	<u>long</u>	<u>site type</u>	<u>comments</u>
1	6/4/2003	2	CC	35.22527	75.63816	Village	
2	6/5/2003	3	CC	35.23434	75.56778	ORV	
3	6/5/2003	4	CC	35.2346	75.57614	ORV	
4	6/8/2003	7	CC--(CM?)	35.28777	75.51467	Other	
5	6/9/2003	9	CC	35.22604	75.53746	ORV	
6	6/9/2003	10	CC	35.22313	75.64633	Pier	
7	6/12/2003	14	CC	35.22232	75.64908	Day Use	
8	6/13/2003	16	CC	35.2224	75.64909	Day Use	
9	6/14/2003	18	CC	35.23842	75.52603	Day Use	
10	6/15/2003	19	CC	35.22226	75.64936	Day Use	
11	6/15/2003	21	CC	35.20511	75.70155	Day Use	
12	6/18/2003	23	CC	35.23056	75.54736	ORV	
13	6/27/2003	29	CC	35.23386	75.59159	ORV	
14	6/27/2003	31	CC	35.24538	75.52458	Groins	
15	7/4/2003	36	CM	35.43034	75.48441	ORV	
16	7/13/2003	44	CC	35.22163	75.65176	Day Use	
17	7/14/2003	46	CC	35.22179	75.52778	ORV	
18	7/15/2003	48	CC	35.20741	75.69508	Day Use	
19	7/24/2003	51	CC	35.14009	75.35733	ORV	
20	7/24/2003	52	CC	35.13586	75.32302	ORV	
21	7/31/2003	59	CC	35.13952	75.36133	ORV	
22							
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03 close hatch

Nest #	A to B	Close date	Expected HD	Physical location of incubating site
1	33	7/29/2003	8/6/2003	0.4 mi S of R 49
2	80	8/1/2003	8/9/2003	less than 0.1 mi N of R 49
3	169.2	8/1/2003	8/9/2003	0.25 mi S of R 34
4	3.1	8/2/2003	8/10/2003	2.3 mi S of R 38
5	31.4	8/3/2003	8/11/2003	3 mi S of Frisco Pier
6	54	8/4/2003	8/12/2003	1.7 mi N of R 55
7	38	8/6/2003	8/14/2003	0.9 mi N of Frisco Pier
8	12	8/6/2003	8/14/2003	0.6 mi S of Frisco boardwalk stairs
9	14.05	8/7/2003	8/15/2003	0.9 mi S Avon Pier/1.1 mi N R 38
10	8.4	8/9/2003	8/17/2003	1 mi S Frisco Pier
11	22.65	8/11/2003	8/19/2003	3.4 mi S of Frisco Pier
12	19.5	8/14/2003	8/22/2003	2 mi N R 34
13	94.2	8/15/2003	8/23/2003	0.2 mi S R 43
14	6.11	8/18/2003	8/26/2003	1.0 mi S R 38
15	269.3	8/18/2003	8/26/2003	1.9 mi N R 49
16	55.5	8/18/2003	8/26/2003	0.4 mi N R 49
17	67.1	8/21/2003	8/29/2003	0.1 mi N R 49
18	112.8	8/21/2003	8/29/2003	0.6 mi S of groins
19	13.8	8/22/2003	8/30/2003	1.1 mi N Frisco Pier
20	9.65	8/24/2003	9/1/2003	0.9 mi S R 49
21	200	8/24/2003	9/1/2003	1.9 mi S R 55
22	14.1	8/28/2003	9/5/2003	1.0 mi N of Frisco Pier
23	100	8/31/2003	9/8/2003	1.8 mi S R 38
24	29.65	9/1/2003	9/9/2003	2.3 mi S of Frisco Pier
25	3.3	9/1/2003	9/9/2003	2.1 mi S Frisco Pier
26	6.4	9/5/2003	9/13/2003	Cape Point, just S of the point
27	11.2	9/5/2003	9/13/2003	.1 mi S of R 49
28	15.4	9/6/2003	9/14/2003	2.5 mi S of drain ramp
29	65.3	9/6/2003	9/14/2003	1 mi S R 30
30	12.2	9/8/2003	9/16/2003	2.5 mi S of Frisco Pier
31	85	9/10/2003	9/18/2003	1.1 mi S of R 46
32	156.2	9/10/2003	9/18/2003	.5 mi N of R 43
33	178	9/17/2003	9/25/2003	0.6 mi N of R 43 (Lighthouse beach)
34	81	9/17/2003	9/25/2003	1.1 mi N of R 43 (Lighthouse beach)
35	5	9/17/2003	9/25/2003	6.1 mi SW of R 49/0.1 mi NE of R 55
36	139	9/19/2003	9/27/2003	.5 mi N of R 45
37	10.4	9/21/2003	9/29/2003	1.1 mi S of Frisco Pier
38	27	9/21/2003	9/29/2003	2.1 mi S Frisco Pier
39	4.11	9/24/2003	10/2/2003	.7 mi N of R 55
40	24	9/25/2003	10/3/2002	.4 mi S of R 49

## Cape Hatteras National Seashore - 2004 Sea Turtle Nesting season

Date	Activity	Species	Nest #	A to B (ft, in)	Treatm Reloca	Original nest site type	Zone	Relocation site type (if applicabl	Physical location of incubating site	Original site lat	Original site long	If relocated lat
Hatteras Island District												
22-May	1	DC	NH1	80	Y	Day use	93	Day use	North of Buxton in bird closure 3 miles south of ramp 3	35.27848	75.5167	35.2785
22-May	2	CC	NH2	100	N	ORV	99		1 mile north of ramp 49	35.23428	75.58687	
28-May	3	CC	NH3	15	N	Village	93		Buxton Village end of Oramar street	35.26497	75.51858	
31-May	6	CC	NH4	100	N	Day use	94		0.1 mile north of ramp 43	35.23755	75.52632	
4-Jun	10	CC	NH5	26.16	N	Village	105		1 mile north of ramp 55	35.21034	75.68723	
11-Jun	14	CC	NH6 Dig	50 mete	N	ORV	89		Straight down from ramp 38	35.32104	75.50739	
13-Jun	15	CC	NH7	100	Y	Village	88	Village	1 mile north of Avon pier	35.34188	75.50203	35.34181
16-Jun	18	CC	NH8	37	Y	Day use	90	Day use	2 miles south of Ramp 38	35.29338	75.51335	35.29343
17-Jun	20	CC	NH9	15	Y	Village	93	Village	0.25 miles north of groins, in Buxton	35.26201	75.51883	
18-Jun	22	CC	NH10	28 mete	N	ORV	90		0.50 miles south of Ramp 38	35.31387	75.50892	
21-Jun	23	CC	NH11	100	N	ORV	99		1.2 miles north east of Ramp 49	35.23438	75.58447	
22-Jun	25	CC	NH12	5 meters	N	Village	105		3.9 miles south west of Frisco pier in Hatteras village	35.20654	75.69787	
22-Jun	26	CC	NH13	4 meters	Y	Day use	93	Day use	0.1 miles north of southern most groin north of lighthou	35.25795	75.51935	35.25653
28-Jun	29	CC	NH15 Dig	82 mete	N	ORV	106		1.9 miles south of Ramp 55	35.19252	75.73501	
2-Jul	37	CC	NH14	27	Y	Day use	90	Day use	2.3 miles south of Ramp 38	35.28826	75.5146	35.28831
3-Jul	39	CC	NH16	10 mete	Y	ORV	83	ORV	1.5 miles south of Ramp 30	35.41581	75.48531	35.41747
6-Jul	40	CC	NH17	56	Y	ORV	84	ORV	2.0 miles south of Ramp 30	35.41174	75.48556	35.41252
7-Jul	47	CC	NH18	5m	N	Day use	104		0.1 miles north east of Hatteras village	35.21623	75.66991	
7-Jul	48	CC	NH19 Dig	177	N	ORV	95		Just south of Ramp 43	35.23499	75.52661	
8-Jul	49	CC	NH20 Dig	20 1/3 m	N	Day use	91		2.25 miles south of Ramp 38	35.29016	75.51397	
10-Jul	50	CC	NH21	92	Y	Village	87	Village	Approximately 1 mile north of Avon pier	35.35802	75.49812	35.36247
11-Jul	52	CC	NH22	58	N	Day use	92		2 miles south of Ramp 38	35.29191	75.51364	
12-Jul	54	CC	NH23	23	N	ORV	83		1.1 miles south of Ramp 30	35.42354	75.48492	
13-Jul	55	CC	NH24	133.5	N	Day use	94		0.6 miles north of Ramp 43	35.2445	75.52499	
15-Jul	57	CC	NH25	200	N	ORV	95		0.5 miles south of R44	35.22269	75.52814	
16-Jul	63	CM	NH26	21	N	ORV	101		0.8 miles south west of R49	35.22988	75.61869	
17-Jul	66	CC	NH27	52.3	Y	ORV	95		< 0.1 miles north of R44	35.23111	75.52702	
17-Jul	69	<b>CM</b>	NH28	20	N	ORV	85		2.6 miles south of R30	35.40231	75.48633	
20-Jul	74	CC	NH29	45	Y	Village	106		0.2 miles north east of R55	35.20546	75.70055	35.20554
20-Jul	75	CC	NH30 Dig	63	N	ORV	100		0.5 miles south west of R49	35.2307	75.61469	
22-Jul	80	CC	NH31 Dig	100	N	Day use	90		1.3 miles south of R38	35.30222	75.51133	
22-Jul	82	CC	NH32 Dig	167	N	ORV	95		0.5 miles south of R44; just west of NH25	35.22272	75.52821	
22-Jul	83	CM	NH33	90	N	ORV	83		0.9 miles south of R30	35.42601	75.48461	
26-Jul	85	CC	NH34	136	N	ORV	86		0.1 miles north of R34	35.37943	75.49186	
27-Jul	86	CC	NH35	300	Y	ORV	97		0.2 miles south of Salt Pond Rd	35.23241	75.55414	35.23246
31-Jul	94	CC	NH36	100	Y	ORV	90		0.95 miles S of R38	35.30732	75.51015	35.30733
31-Jul	93	CC	NH37	100	Y	ORV	107		1.7 miles S of R55	35.19445	75.73019	35.19453
					14							

Date	Activity	Species	Nest #	A to B (ft, in)	Treatment Relocation	Original nest site type	Zone	Relocation site type (if applicable)	Physical location of incubating site	Original site lat	Original site long	If relocated lat
<b>Bodie Island District</b> (includes sections of Hat. Is.)												
8-Jun	2	CC	NBH2 Dig	N/A	N/A	Village	74	N/A	0.5 mi north of Rodanthe Pier	35.48978	75.46178	N/A
28-Jun	4	CC	NBH3	14	Y	Village	70	Village	Just south of Rodanthe Pier	35.58435	75.46127	35.53607
12-Jul	5	CC	NB1	97	N	Village	53	N/A	0.1 Miles South of Ramp 1	35.84497	75.56274	N/A
28-Jul	6	CC	NBH4	97	Y	Day Use	73	Day Use	3.1 miles N of Ramp 23	35.57476	75.46104	35.56454
4-Aug	7	CC	NBH5	158	Y	Village	72	v illage	2.7 mi North of 23 at high tide line	35.56874	75.4608	35.56873
17-Aug	8	CC	NBH6	37.3	Y	ORV	76	ORV	2.7 Miles North of Ramp 27	35.50962	75.47327	35.5097
					4							
<b>Ocracoke Island District</b>												
16-Jun	2	CC	NO1	84	N	ORV		Day Use	0.4 mi north of Ramp 67	35.13316	75.90075	35.13622
16-Jun	3	CC	NO2 Dig	122	N	Day Use			2.9 mi south of Ramp 59	35.16457	75.82321	
17-Jun	5	CC	NO3	67.9	N	Day Use			3.8 mi south of Ramp 59	35.16605	75.82279	
1-Jul	7	CC	NO4	148	N	Day Use			0.5 mi north of Ramp 70	35.1269	75.91411	
1-Jul	9	CC	NO5	147.4	N	Day Use		other	0.7 mi south of Ramp 67	35.10237	75.95132	
13-Jul	14	CC	NO6	71.3	N	Day Use			2.5 mi south of 59	35.16626	75.82258	
17-Jul	16	CC	NO7 Dig	83.8	N	Day Use			5 mi N of 67	35.16614	75.82253	
25-Jul	20	CC	NO8 Dig	21.5	N	Day Use			6.1 mi N f 67 (1.7 S of 59)	35.22408	75.52746	
5-Aug	27	CC	NO9	22.9	N	Day Use			0.3 mi north of Ramp 67	35.13528	75.89735	
5-Aug	28	CC	NO10	16.6	N	Day Use			2 mi north of Ramp 67	35.13499	75.89729	

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If relocated long				Dig date if HD unknown	Nest Inventory Data								Partial loss of nest to:				
	Close date	Est. HD	Actual HD		Rel T.	ES	UH	DH	LH	Emerge	HS%	Complete Loss	Nest #	Nest Invent	# Overwash da	Egg loss	Hatchling loss
<b>Total # of Eggs - 3003</b>																	
75.5167	16-Jul	24-Jul	N/A	15-Aug	0	0	0	0	0	0	N/A	Hurricane Alex	NH1	N/A	N/A	N/A	N/A
	16-Jul	24-Jul	27-Jul	15-Aug	118	95	23	0	17	78	66.1		NH2	1-Aug	0	0	0
	22-Jul	30-Jul	Unknown	21-Aug	93	81	12	1	0	80	86.0		NH3	9-Aug	0	0	0
	25-Jul	2-Aug	N/A	24-Aug	108	82	26	82	0	0	0.0	Hurricane Alex	NH4	9-Aug	0	N/A	N/A
	29-Jul	6-Aug	Unknown	28-Aug	100	74	26	62	0	12	12.0		NH5	16-Aug	0	0	0
	5-Aug	13-Aug	N/A	4-Sep	0	0	0	0	0	0	N/A	Hurricane Alex	NH6	N/A	0	N/A	N/A
75.50188	7-Aug	15-Aug	N/A	6-Sep	87	0	87	0	0	0	0.0	Hurricane Alex	NH7	N/A	A lot	N/A	N/A
75.51339	10-Aug	18-Aug	9-Aug	9-Sep	125	121	4	3	0	118	94.4		NH8	15-Aug	0	0	0
	11-Aug	19-Aug	13-Aug	10-Sep	93	83	10	0	0	83	89.2		NH9	20-Aug	0	0	0
	12-Aug	20-Aug	Unknown	11-Sep	131	0	131	0	0	0	0.0		NH10	2-Aug	0	6.2	0
	15-Aug	23-Aug	N/A	14-Sep	0	0	0	0	0	0	N/A	Hurricane Alex	NH11	N/A	2	N/A	N/A
	16-Aug	24-Aug	6-Aug	15-Sep	120	118	2	0	0	118	98.3		NH12	26-Aug	0	0	0
75.51978	16-Aug	24-Aug	16-Aug	15-Sep	142	135	7	0	0	135	95.1		NH13	21-Aug	0	0	0
	22-Aug	30-Aug	N/A	21-Sep	0	0	0	0	0	0	N/A		NH15	N/A	1	2	0
75.5143	26-Aug	3-Sep	23-Aug	25-Sep	88	80	8	0	6	74	84.1		NH14	28-Aug	0	6.2	9.1
75.48527	27-Aug	4-Sep	Unknown	26-Sep	86	81	5	0	0	81	94.2		NH16	16-Sep	1	6.2	0
75.48552	30-Aug	7-Sep	N/A	29-Sep	144	0	0	0	0	0	0.0	Lost to Erosion	NH17	N/A	1	2	0
	31-Aug	8-Sep	30-Aug	30-Sep	115	114	1	0	0	114	99.1		NH18	3-Sep	0	6.2	0
	31-Aug	8-Sep	N/A	30-Sep	0	0	0	0	0	0	N/A	Hurricane Alex	NH19	N/A	N/A	2	0
	1-Sep	9-Sep	N/A	1-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH20	N/A	N/A	2	0
75.49709	3-Sep	11-Sep	N/A	3-Oct	0	0	0	0	0	0	N/A	Hurricane Alex/Fran	NH21	26-Sep	7	8	0
	4-Sep	12-Sep	N/A	4-Oct	0	0	0	0	0	0	N/A	Undeveloped Eggs	NH22	24-Sep	2	6.1	0
	5-Sep	13-Sep	9-Sep	5-Oct	93	80	13	0	0	80	86.0		NH23	12-Sep	0	6.2	0
	6-Sep	14-Sep	N/A	6-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH24	N/A	N/A	2	0
	8-Sep	16-Sep	N/A	8-Oct	0	0	0	0	0	0	N/A	"Hurricane" Ivan Lef	NH25	N/A	3	2	0
	9-Sep	17-Sep	N/A	9-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH26	N/A	N/A	N/A	N/A
	10-Sep	18-Sep	14-Sep	10-Oct	92	83	9	1	0	82	89.1		NH27	23-Sep	1	6.1	0
	10-Sep	18-Sep	Unknown	10-Oct	87	84	3	0	3	81	93.1		NH28	24-Sep	1	6.2	0
75.70061	13-Sep	21-Sep	N/A	13-Oct	80	51	29	0	51	0	0.0		NH29	24-Sep	3		17
	13-Sep	21-Sep	N/A	13-Oct	0	0	0	0	0	0	N/A		NH30	26-Sep	8	19	0
	15-Sep	23-Sep	N/A	15-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH31	N/A	N/A	N/A	N/A
	15-Sep	23-Sep	N/A	15-Oct	0	0	0	0	0	0	N/A		NH32	26-Sep	6	19	0
	15-Sep	23-Sep	N/A	15-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH33	N/A	N/A	N/A	N/A
	19-Sep	27-Sep		19-Oct	140	1	139	0	0	1	0.7		NH34				
75.55414	20-Sep	28-Sep	Unknown	20-Oct	73	0	73	0	0	0	0.0	Standing water	NH35	26-Sep	5	7	0
75.51018	24-Sep	2-Oct	N/A	24-Oct	0	0	0	0	0	0	N/A	Hurricane Alex	NH36	N/A	N/A	N/A	N/A
75.73024	24-Sep	2-Oct	N/A	24-Oct	93	0	93	0	0	0	0.0		NH37	26-Sep	lots	6.1	0

If relocated long	Close date	Est. HD	Actual HD	Dig date if HD unknown	Nest Inventory Data							Uknown	Nest #	Nest Invent	# Overwash da	Partial loss of nest to:	
					Rel T.	ES	UH	DH	LH	HS%	Egg loss					Hatchling loss	
N/A	2-Aug	10-Aug	N/A	1-Sep	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
75.46743	22-Aug	30-Aug	24-Aug	21-Sep	103	67	36	0	6	61	59.2		NBH2	N/A	N/A	N/A	N/A
N/A	5-Sep	13-Sep	11-Sep	5-Oct	113	112	1	0	1	111	98.2		NBH3	28-Aug	0	0	0
75.46159	21-Sep	29-Sep		21-Oct	131	1	40	0	0	1	0.8		NBH1	14-Sep	1	0	0
75.46103	28-Sep	6-Oct	28-Aug	28-Oct	109	106	3	7	1	98	89.9		NBH4	23-Oct	12	6.1/6.2/7.0	0
75.47354	11-Oct	19-Oct		10-Nov	111	0	111	0	0	0	0.0		NBH5	1-Sep	2	1.8	9.1
75.89449	10-Aug	18-Aug	N/A	7-Sep	111	0	111	0	0	0	0.0		NBH6	10-Nov		6.2/2.0	0
	10-Aug	18-Aug	N/A	9-Sep	0	0	0	0	0	0	0.0	Hurricane Alex	NO1	14-Sep	4	6.2	0
	11-Aug	19-Aug	N/A	10-Sep	0	0	0	0	0	0	0.0	Hurricane Alex	NO2 Dig	N/A	6	2	N/A
	25-Aug	2-Sep	N/A	24-Sep	0	0	0	0	0	0	0.0	Hurricane Alex	NO3	N/A	5	2	N/A
	25-Aug	2-Sep	N/A	24-Sep	0	0	0	0	0	0	0.0	Hurricane Alex	NO4	N/A	2	2	N/A
	6-Sep	14-Sep	N/A	6-Oct	0	0	0	0	0	0	0.0	Hurricane Alex	NO5	N/A	n/a	2	N/A
	10-Sep	18-Sep	N/A	10-Oct	0	0	0	0	0	0	0.0	Hurricane Alex	NO6	N/A	n/a	2	N/A
	18-Sep	26-Sep	29-Sep	18-Oct	81	78	3	0	5	73	90.1		NO7 Dig	N/A	n/a	2	N/A
	29-Sep	7-Oct	11-Oct	29-Oct	76	73	3	0	0	73	96.1		NO8 Dig	4-Oct	0	6.2	0
													NO9	15-Oct	0	n/a	n/a
	29-Sep	7-Oct	11-Oct	29-Oct	100	70	30	5	10	55	55.0		NO10	15-Oct	1		

Complete nest loss to:	Comments:
8/2 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
N/A	
N/A	
2 - Hurricane Alex	7/5 - pedestrian tracks through closure
N/A	
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
2.0 - Hurricane Alex	7/6 - pedestrian tracks through closure
N/A	
N/A	Pictures were taken of turtle by people while she was laying eggs at approximately 10-10:30 pm
Unknown	
8.0 - Hurricane Alex	Vehicle had run over part of primary body nest but not where eggs were located. 7/2- pvc post B was moved to next to closure. 8/3 - Nest lost to Hurricane Alex
N/A	
N/A	
8.0 - Hurricane Alex	Tracks over part of primary body pit
N/A	
N/A	One egg found broken and left at original nest site
2	
N/A	
8.0 - Hurricane Alex	11:30 turtle seen, also seen 1 hour previous laying eggs. 8/3 - Nest lost to Hurricane Alex
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
8.0 - Hurricane Alex/Frances	1 spacer and one underdeveloped egg present in nest, 4 ft plus of sand accumulation
6.1	all small eggs
N/A	
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
2.0 - Hurricane Ivan Leftovers	
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
N/A	
N/A	
17	Nest cavity found 3 ft deep, hatchlings llatheargic and heavy sand atop them
Dig	Dug 5x5x5 ft hole and no eggs present. Probably a dig.
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
Dig	7/22 - ORV tracks seen through and around nesting site, obscuring the tracks; Dig.
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
7	Nest found 5 feet deep below the water table. Only 73 out of 134 relocated eggs were recovered from the water table.
8.0 - Hurricane Alex	8/3 - Nest lost to Hurricane Alex
6.1	Nest cavity had been run over and obscured by ORV tracks

Complete nest loss to:	Comments:
N/A	Area dug for eggs but not found. Treated as dig but unable to relocate exact area for posting and monitoring. Never confirmed as nest.
0	
N/A	
7	36 of recorved eggs undeveloped, 4 XX% devoloped
0	Found by a visitor after Hurricane Alex. Eggs had been exposed by high tide and wind. Nest was below high tide line so it was relocated higher on the beach 8/4/04. 3 eggs were broken open and taken to determine embryo development. Embryos approx. 45 days old on 8/4/04.
2	Most eggs 91% devoloped.
2 other	
0	About 30 - 40% of eggs had a;pst fully devoloped hatchlings. Eggs were discolored shades of yellow and brown
8.0 - Hurricane Alex	Hurricane Alex
8.0 - Hurricane Alex	Hurricane Alex
8.0 - Hurricane Alex	Hurricane Alex
8.0 - Hurricane Alex	Hurricane Alex
8.0 - Hurricane Alex	Hurricane Alex
8.0 - Hurricane Alex	Hurricane Alex
n/a	pipped eggs hatchling released from nest on 10/9
n/a	2 hatchlings found in filter fence released th enext day
	one LH hdid not have fully formed flippers he was unable to move on the sand

Nest #	A to B (ft, in)	Close date	Expected HD	Physical location of incubating site
NH1	80	16-Jul	24-Jul	North of Buxton in bird closure 3 miles south of ramp 38
NH2	100	16-Jul	24-Jul	1 mile north of ramp 49
NH3	15	22-Jul	30-Jul	Buxton Village end of Oramar street
NH4	100	25-Jul	2-Aug	0.1 mile north of ramp 43
NH5	26.16	29-Jul	6-Aug	1 mile north of ramp 55
NH6 Dig	50 meters	5-Aug	13-Aug	Straight down from ramp 38
NH7	100	7-Aug	15-Aug	1 mile north of Avon pier
NH8	37	10-Aug	18-Aug	2 miles south of Ramp 38
NH9	15	11-Aug	19-Aug	0.25 miles north of groins, in Buxton
NH10	28 meters	12-Aug	20-Aug	0.50 miles south of Ramp 38
NH11	400	15-Aug	23-Aug	1.2 miles north east of Ramp 49
NH12	5 meters	16-Aug	24-Aug	3.9 miles south west of Frisco pier in Hatteras village (0.6 mi NE of Ramp 55)
NH13	4 meters	16-Aug	24-Aug	0.1 miles north of southern most groin north of lighthouse beach
NH15 Dig	82 meters	22-Aug	30-Aug	1.9 miles south of Ramp 55
NH14	27	26-Aug	3-Sep	2.3 miles south of Ramp 38
NH16	10 meters	27-Aug	4-Sep	1.5 miles south of Ramp 30
NH17	56	30-Aug	7-Sep	2.0 miles south of ramp 30
NH18	5 meters	31-Aug	8-Sep	0.1 miles north east of Hatteras village
NH19 Dig	177	31-Aug	8-Sep	Just south of Ramp 43
NH20 Dig	20 1/3 meters	1-Sep	9-Sep	2.25 miles south of Ramp 38
NH21	92	3-Sep	11-Sep	Approximately 1 mile north of Avon pier
NH22	58	4-Sep	12-Sep	2 miles south of Ramp 38
NH23	23	5-Sep	13-Sep	1.1 miles south of Ramp 30
NH24	133.5	6-Sep	14-Sep	0.6 miles north of Ramp 43
NH25	200	8-Sep	16-Sep	0.5 miles south of R44
NH26	24	9-Sep	17-Sep	0.8 miles south west of R49
NH27	52.3	10-Sep	18-Sep	< 0.1 miles north of R44
NH28	20	10-Sep	18-Sep	2.6 miles south of R30
NH29	45	13-Sep	21-Sep	0.2 miles north east of R55
NH30	63	13-Sep	21-Sep	0.5 miles south west of R49
NH31	400	15-Sep	23-Sep	1.3 miles south of R38
NH32	167	15-Sep	23-Sep	0.5 miles south of R44; just west of NH25
NH33	90	15-Sep	23-Sep	0.9 miles south of R30
NH34	136	19-Sep	27-Sep	0.1 miles north of R34
NH35	300	20-Sep	28-Sep	0.2 miles south of Salt Pond Rd
NH36	400	24-Sep	2-Oct	0.95 miles S of R38
NH37	100	24-Sep	2-Oct	1.7 miles S of R55
BH1	100	25-Jul	2-Aug	.5 miles north of ramp 23
BH2	N/A	3-Aug	11-Aug	.5 miles north of rodanthe pier
BH3	14	22-Aug	30-Aug	Just south of Rodanthe Pier
BH4	97	21-Sep	29-Sep	3.1 miles N of Ramp 23
NBH5				

2004 False Crawls - Cape Hatteras National Seashore						
<u>date</u>	<u>act. #</u>	<u>species</u>	<u>lat</u>	<u>long</u>	<u>site type</u>	<u>comments</u>
30-May	4	CC	35.219713	75.65749	Village	
31-May	5	CC	35.24809	75.52375	Village	
2-Jun	7	CC	35.22593	75.53582	ORV	
2-Jun	8	CC	35.23013	75.61687	ORV	
4-Jun	9	CC	35.23178	75.60771	ORV	
5-Jun	11	DC	35.36281	75.49678	Pier	
8-Jun	12	CC	35.23107	75.61083	ORV	
8-Jun	13	CC	35.22853	75.62562	Village	
15-Jun	16	CC	35.39909	75.48651	ORV	
15-Jun	17	CC	35.42556	75.48468	ORV	
16-Jun	19	CC	35.26340	75.51862	Village	
17-Jun	21	CC	35.29665	75.51266	Day use	
21-Jun	24	CC	35.23399	75.57870	ORV	
23-Jun	27	CC	35.23000	75.54591	ORV	Seen around 10:30-11 on South Beach. Headlights were on when turtle was attempting to nest. Natural Wildlife and Fisheries person was of the opinion that human disturbance was the reason for the aborted nesting attempt.
28-Jun	28	CC	35.36908	75.49504	Village	
29-Jun	30	CC	35.23161	75.55108	ORV	
29-Jun	31	CC	35.23322	75.55486	ORV	
29-Jun	32	CC	35.23342	75.55931	ORV	
29-Jun	33	CC	35.23376	75.56251	ORV	
29-Jun	34	CC	35.21906	75.65952	Day use	
30-Jun	35	CC	35.22258	75.52805	ORV	
30-Jun	36	CM?	35.21012	75.6872	Village	
2-Jul	38	CC	35.24007	75.5258	Day use	
6-Jul	41	CM	35.22864	75.52713	ORV	
6-Jul	42	CM	35.22524	75.5273	ORV	
6-Jul	43	CM	35.22328	75.5279	ORV	
6-Jul	44	CC	35.22987	75.62029	ORV	
6-Jul	45	CC	35.22204	75.65011	Day use	
7-Jul	46	CC	35.23437	75.58311	ORV	
10-Jul	51	CC			ORV	
12-Jul	53	CC	35.42354	75.48492	ORV	
15-Jul	56	CC	35.22266	75.52804	ORV	
15-Jul	58	CC	35.19108	75.73817	ORV	
16-Jul	59	CM	35.23793	75.62603	Day use	
16-Jul	60	CM	35.23244	75.52686	ORV	
16-Jul	61	CM	35.22897	75.52715	ORV	
16-Jul	62	CM?	35.23194	75.60596	ORV	
17-Jul	64	CC	35.23595	75.5267	Day use	
17-Jul	65	CC	35.23304	75.52676	ORV	
17-Jul	67	CC	35.31378	75.50888	ORV	
17-Jul	68	CC	35.30841	75.50996	ORV	
18-Jul	70	CC	35.23089	75.61243	ORV	
19-Jul	71	CC	35.33207	75.5043	Village	
19-Jul	72	CC	35.35785	75.49804	Village	
20-Jul	73	CC	35.23045	75.61519	ORV	
21-Jul	76	CC	35.22762	75.52728	ORV	
21-Jul	77	CC	35.22354	75.52785	ORV	
21-Jul	78	CC	35.22977	75.6197	ORV	
21-Jul	79	CC	35.22922	75.62241	ORV	
22-Jul	81	CC	35.30168	75.51133	Day use	
26-Jul	84	CC	35.37156	75.49429	Village	
29-Jul	87	CC	35.22261	75.52807	ORV	
29-Jul	88	CC	35.1998	75.71658	ORV	
29-Jul	89	CC	35.19749	75.72328	ORV	
30-Jul	90	CC	35.22199	75.52821	ORV	
30-Jul	91	CM	35.22184	75.52824	ORV	Probably scared by people, had tossed sand but started moving when saw lights of fishermenn
30-Jul	92	CC	35.19394	75.73144	ORV	
5-Aug	95	CC	35.23418	75.56502	ORV	
9-Aug	96	CC	35.22604	75.53608	ORV	
31-May	1	cc	35.54804	75.46416	Village	

## Cape Hatteras National Seashore - 2005 Sea Turtle Nesting season

Date	Activity	Species	Nest #	A to B (ft, in)	Treatment Relocate	Original nest site type	Zone	Relocation site type (if applicable)	Physical location of incubating site	Original site	Original site	If relocated	If relocated	Close date	Est. HD	Actual HD	Dig date if HD unknown	Nest Inventory Data			
										lat	long	lat	long					Rel T.	ES	UH	DH
Hatteras Island District																					
3-Jun	3	CC	NH1	16.2	N	Village	105	n/a	0.4 miles north ramp 55	35.2066	75.69788	n/a	n/a	23-Jul	5-Aug	Unknown	27-Aug	143	115	28	0
10-Jun	5	CC	NH2	100	Y	Day Use	94	Day Use	0.8 miles north ramp 43	35.24749	75.52399	35.24761	75.52409	30-Jul	12-Aug	17-Aug	3-Sep	127	63	64	0
12-Jun	8	CC	NH3	32	N	Village	86	n/a	0.8 miles south of Avon pier (3.0 miles south ramp 34)	35.33581	75.50353	n/a	n/a	1-Aug	14-Aug	10-Aug	5-Sep	105	100	5	1
14-Jun	11	CC	NH4	72	Y	Day Use	94	Day Use	0.6 miles north ramp 43	35.24681	75.5241	35.24685	75.52436	3-Aug	16-Aug	10-Aug	7-Sep	147	129	18	3
14-Jun	12	CC	NH5	16.1	N	Day Use	102	n/a	0.7 miles south of Frisco pier (2.6 miles south ramp 49)	35.22271	75.64851	n/a	n/a	3-Aug	16-Aug	13-Aug	7-Sep	105	75	30	3
19-Jun	16	CC	NH6	64	Y	ORV	100	ORV	0.2 miles north ramp 49	35.2328	75.60154	35.23291	75.60159	8-Aug	21-Aug	30-Aug	12-Sep	67	61	6	0
24-Jun	22	CC	NH7	13	Y	Day Use	91	Day Use	0.5 miles north Buxton village	35.27028	75.51478	35.27028	75.51477	13-Aug	26-Aug	20-Aug	17-Sep	170	149	21	2
2-Jul	30	CC	NH8	102	Y	ORV	96	ORV	about midway between Salt Pond road and ramp 45	35.22927	75.54321	35.22934	75.54312	21-Aug	3-Sep	22-Aug	25-Sep	149	113	36	0
2-Jul	31	CC	NH9	38.9	N	ORV	100	n/a	0.1 miles north ramp 49	35.23268	75.60316	n/a	n/a	21-Aug	3-Sep	1-Sep	25-Sep	89	87	2	0
2-Jul	34	CC	NH10	37.3	N	Day Use	103	n/a	0.4 miles north Hatteras village	35.21824	75.66349	n/a	n/a	21-Aug	3-Sep	26-Aug	25-Sep	108	70	38	1
4-Jul	36	CC	NH11	70	Y	Day Use	93	Day Use	0.8 miles north ramp 43	35.24561	75.5246	35.24563	75.52482	23-Aug	5-Sep	26-Aug	27-Sep	120	115	5	2
5-Jul	37	CC	NH12	111	Y	Day Use	94	Day Use	0.5 Miles north ramp 43	35.23816	75.52618	35.23827	75.52644	24-Aug	6-Sep	26-Aug	28-Sep	147	108	39	0
6-Jul	41	CC	NH13	n/a	N	Day Use	92	n/a	2.2 miles north of Buxton	35.30048	75.51161	n/a	n/a	25-Aug	7-Sep	29-Aug	29-Sep	130	115	15	8
11-Jul	47	CC	NH14	36	N	Village	88	n/a	1.0 mile south of Avon Pier	35.33327	75.5041	n/a	n/a	30-Aug	12-Sep	Unknown	4-Oct	126	96	30	96
11-Jul	48	CC	NH15	80	Y	Village	90	Day Use	0.2 miles south of 1st jetty	35.26034	75.5192	35.25069	75.52299	30-Aug	12-Sep	1-Sep	4-Oct	78	76	2	0
12-Jul	50	CC	NH16	10	Y	Day Use	84	Day Use	3.0 Miles South of ramp 30	35.3979	75.48698	35.39452	75.48766	31-Aug	13-Sep	2-Sep	5-Oct	115	83	32	0
13-Jul	56	CC	NH17	232.7	Y	ORV	101	ORV	2 miles South ramp 49	35.23426	75.56775	35.23445	75.56776	1-Sep	14-Sep	9-Sep	6-Oct	107	102	5	1
16-Jul	57	CM	NH18	112.1	N	Village	105	n/a	1.5 mile N of Ramp 55	35.21265	75.68026	n/a	n/a	4-Sep	17-Sep	N/A	9-Oct	0	0	0	0
16-Jul	58	CC	NH19 (Dig)	17.9	N	Village	105	n/a	0.4 mile N of Ramp 55	35.206381	75.6972	n/a	n/a	4-Sep	17-Sep	N/A	9-Oct	0	0	0	0
17-Jul	60	CC	NH20	38.1	N	ORV	100	n/a	~0.5 mi N Ramp 49	35.23333	75.59859	n/a	n/a	5-Sep	18-Sep	N/A	10-Oct	0	0	0	0
23-Jul	64	CC	NH21	15	N	ORV	100	n/a	0.3 Miles North Ramp 49	35.23289	75.60191	n/a	n/a	11-Sep	24-Sep	Unknown	16-Oct	116	108	8	0
23-Jul	63	CC	NH22	42	Y	Day Use	93	Day Use	Halfway between Ramp 43 and old lighthouse beach	35.14651	75.3151	35.14651	75.3152	11-Sep	24-Sep	10-Sep	16-Oct	123	115	8	0
23-Jul	65	CC	NH23	10	Y	Pier	102	Day Use	1.1 miles south of frisco pier	35.22504	75.6385	35.2206	75.65571	11-Sep	24-Sep	Unknown	16-Oct	109	104	5	1
24-Jul	67	CC	NH 24	6.4	Y	Village	106	village	0.1 mi. N of Ramp 55	35.20518	75.70186	?	?	12-Sep	25-Sep	N/A	17-Oct	0	0	0	0
27-Jul	70	CM	NH25	7.1	N	Day Use	92	n/a	0.1 miles north of buxton village	35.26926	75.51815	n/a	n/a	15-Sep	28-Sep	Unknown	20-Oct	153	72	81	1
27-Jul	72	CC	NH26	100.8	N	Village	106	n/a	1.8 miles north Ramp 55	35.21457	75.67445	n/a	n/a	15-Sep	28-Sep	N/A	20-Oct	0	0	0	0
31-Jul	77	CC	NH27	13.9	Y	Day Use	92	Day Use	1.7 miles South ramp 38	35.29312	75.51369	35.29519	75.51349	19-Sep	2-Oct	Unknown	24-Oct	107	95	12	1
31-Jul	79	CC	NH28	16.7	N	Day Use	100	n/a	0.4 miles South of no drive after Frisco campground	35.22976	75.62048	n/a	n/a	19-Sep	2-Oct	N/A	24-Oct	0	0	0	0

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1-Aug	83	CC	NH29	20.5	Y	Day Use	103	Day Use	0.9 miles N of Hatteras village	35.21822	75.66331	35.22048	75.65598	20-Sep	3-Oct	N/A	25-Oct	0	0	0	0
2-Aug	84	CC	NH30	112	N	ORV	95	n/a	0.5 miles South ramp 44	35.22319	75.52881	n/a	n/a	21-Sep	4-Oct	Unknown	26-Oct	152	142	10	0
5-Aug	93	CC	NH31	89	N	ORV	86	n/a	2.4 miles South ramp 30	35.40484	75.48576	n/a	n/a	24-Sep	7-Oct	Unknown	29-Oct	113	41	72	16
8-Aug	94	CM	NH32	7	N	Day Use	91	n/a	2.0 miles South of ramp 38	35.28984	75.51426	n/a	n/a	27-Sep	10-Oct	N/A	1-Nov	0	0	0	0
10-Aug	95	CC	NH33	13	Y	Day Use	91	Day Use	1.8 miles South ramp 38	35.2927	75.51371	35.2958	75.51324	29-Sep	12-Oct	Unknown	3-Nov	86	71	15	0
10-Aug	96	CC	NH34	10	Y	Day Use	92	Day Use	0.3 miles North Buxton village	35.1897	75.74712	35.27021	75.51782	29-Sep	12-Oct	Unknown	3-Nov	114	102	12	1
12-Aug	97	CC	NH35	207	N	ORV	104	n/a	1.9 miles South ramp 45	35.23455	75.57145	n/a	n/a	1-Oct	14-Oct	N/A	5-Nov	0	0	0	0
12-Aug	98	CC	NH36	85.6	Y	ORV	99	Day Use	just North of ramp 43	35.23598	75.52648	35.2717	75.51787	1-Oct	14-Oct	Unknown	5-Nov	118	42	76	5
																		0			
																		0			
16-Aug	101	CM	NH38	20.9	N	Day Use	100	n/a	0.5 miles South ramp 49	35.23092	75.61374	n/a	n/a	5-Oct	18-Oct	N/A	9-Nov	0	0	0	0
17-Aug	104	CM	NH39	38.9	N	Day Use	90	n/a	1.4 miles South ramp 38	35.25087	75.53355	n/a	n/a	6-Oct	19-Oct	15-Oct	10-Nov	146	124	22	1
18-Aug	106	CC	NH40	137	N	ORV	96	n/a	0.8 miles South ramp 45	35.23326	75.55959	n/a	n/a	7-Oct	20-Oct	N/A	11-Nov	0	0	0	0
27-Aug	107	CM	NH41	16.6	N	Day Use	103	n/a	0.7 miles South of Frisco pier	35.24666	75.53354	n/a	n/a	16-Oct	29-Oct	11-Nov	20-Nov	120	63	57	8
29-Aug	108	CC	NH42	?	N	Village	104	n/a	Hatteras Village	35.30102	75.51199	n/a	n/a	unkown	unknown	29-Aug	unknown	0	0	0	0

Bodie island	Activity	Species	Nest #	A to B (ft)	Treatme	Original Nest	zone	relocation site	physical location of incubation site	original site	original site	if relocated	if relocated	close date	Est. HD	Actual HD	Dig Date if	Nest inventory data			
Date				in feet	relocate	type site		type (if applicable)		lat	long	lat	long				HD unknown	Rel T.	ES	UH	DH
18-Jun	2	CC	NBH1	10	N	Village	74	n/a	1.4 miles south of pier	35.56458	75.46152	n/a	n/a	12-Aug	20-Aug	25-Aug	11-Sep	76	63	13	0
19-Jun	3	CC	NBH2	57.5	N	Village	74	n/a	1.9 miles north of ramp 23	35.55915	75.46243	n/a	n/a	13-Aug	21-Aug	unknown	12-Sep	85	13	72	0
11-Jul	5	CC	NBH3	79.4	N	ORV	76	n/a	2.1 miles north ramp 27	35.50045	75.47556	n/a	n/a	4-Sep	12-Sep	n/a	4-Oct	96	0	96	0
15-Jul	6	CC	NB1	147.7	N	ORV	56	n/a	0.8 miles North ramp 4	35.80951	75.54571	n/a	n/a	8-Sep	16-Sep	n/a	8-Oct	0	0	0	0
16-Jul	7	CC	NB2	27.3	N	ORV	55	n/a	1.2 miles north ramp 4	35.81464	75.549	n/a	n/a	9-Sep	17-Sep	n/a	9-Oct	166	0	166	0
25-Jul	8	CC	NBH4	126	Y	Village	71	Village	1.3 miles south rodanthe pier	35.59178	75.46223	35.56732	75.4614	18-Sep	26-Sep	unknown	18-Oct	80	72	8	14
27-Jul	9	CM	NBH5	18	N	ORV	80	n/a	1 to 1.5 miles north of ramp 30	35.44941	75.48351	n/a	n/a	20-Sep	28-Sep	unknown	20-Oct	0	0	0	0
30-Jul	10	CC	NBH6	56.9	N	ORV	76	n/a	2.4 miles North ramp 27	35.50544	75.47447	n/a	n/a	23-Sep	1-Oct	unknown	23-Oct	0	0	0	0
26-Aug	11	CC	NBH7	86	Y	Village	20	Village	2.4 miles North ramp 23	35.57105	75.46102	35.56657	75.46148	20-Oct	28-Oct	unknown	19-Nov	0	0	0	0

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Ocracoke Island Nests	Activity	Species	Nest #	A to B (ft)	Treatme	Original Nest	zone	relocation site	physical location of incubation site	original site	original site	if relocated	if relocated	close date	Est. HD	Actual HD	Dig Date if	Nest inventory data			
																		Date	in feet	relocate	type site
14-Jun	5	CC	NO1	10.9	Y	Day Use	115	Day Use	3.2 miles north of 67	35.15394	75.85322	35.15444	75.85304	8-Aug	16-Aug	15-Aug	7-Sep	108	103	5	0
15-Jun	6	CC	NO2	109	N	Day Use	119	n/a	2.6 North of ramp 70	35.12305	75.9225			9-Aug	17-Aug	11-Aug	8-Sep	129	94	35	0
15-Jun	8	CC	NO3	44.1	N	Day Use	118	n/a	3.3 North of 70	35.12851	75.91158			9-Aug	17-Aug	11-Aug	8-Sep	75	46	29	0
15-Jun	9	CC	NO4	11.4	N	Day use	113	n/a	4.9 N of ramp 67	35.16543	75.82504			9-Aug	17-Aug	16-Aug	8-Sep	97	87	10	2
16-Jun	10	CC	NO5	42.5	N	ORV	110	n/a	0.3miles S or 59	35.17944	75.78462			10-Aug	18-Aug	16-Aug	9-Sep	126	117	9	3
22-Jun	13	CM	NO6	57.9	N	Day Use	119	n/a	2.7m North of ramp 70	35.11644	75.93549			16-Aug	24-Aug	19-Aug	15-Sep	102	90	12	0
24-Jun	15	CC	NO7	111	N	Day Use	118	n/a	0.5miles North ramp 68	35.12799	75.91217			18-Aug	26-Aug	21-Aug	17-Sep	94	65	29	9
26-Jun	16	CM	NO8	74	N	ORV	122	n/a	0.4m north ramp 72	35.09096	75.97845			20-Aug	28-Aug	21-Aug	19-Sep	131	128	3	0
28-Jun	18	CC	NO9	41.11	N	ORV	117	n/a	1.3 North of 67	35.14124	75.88312			22-Aug	30-Aug	25-Aug	21-Sep	77	75	2	0
30-Jun	19	CC	NO10	37	N	Day Use	120	n/a	1.1 North of 70	35.11147	75.94476			24-Aug	1-Sep	30-Aug	23-Sep	103	100	3	1
5-Jul	23	CC	NO11	18	Y	ORV	123	Day Use	0.9 North of 72	35.07538	75.99653	35.10978	75.94781	29-Aug	6-Sep	31-Aug	28-Sep	92	90	2	0
8-Jul	26	CC	NO12	47.1	Y	Day Use	112	Day Use	4.6 miles north of 67	35.169	75.816	35.164	75.83	1-Sep	9-Sep	unknown	1-Oct	129	29	100	0
10-Jul	28	CC	NO13	11.6	Y	ORV	122	Day Use	2.5 North of 72	35.08512	75.9857	35.10903	75.94931	3-Sep	11-Sep	3-Sep	3-Oct	89	77	12	0
14-Jul	34	CC	NO14	8.11	N	Day Use	111	n/a	6.4 North of 67	35.17397	75.80182			7-Sep	15-Sep	4-Sep	7-Oct	103	100	3	0
15-Jul	36	CC	NO15	85.1	N	Day Use	116	n/a	1.8 Miles north 67	35.14427	75.87591			8-Sep	16-Sep	na	8-Oct	0			
15-Jul	37	CC	NO16	103.5	N	Day Use	116	n/a	1.9 miles north 67	35.1455	75.8729			8-Sep	16-Sep	na	8-Oct	0			
16-Jul	38	CC	NO17	17	N	ORV	117	n/a	0.9 miles north of 67 DIG	35.13884	75.88814			9-Sep	17-Sep	na	9-Oct	0			
16-Jul	41	CC	NO18	31.8	Y	Day Use	116	Day Use	2 miles north of 67	35.14618	75.07159	35.14631	75.87172	9-Sep	17-Sep	unknown	9-Oct	125	121	4	0
16-Jul	42	CC	NO19		Y	Day Use	115	Day Use	2.6 miles north 67	35.14973	75.86298	35.14996	75.86323	9-Sep	17-Sep	unknown	9-Oct	122	80	42	1
17-Jul	43	CC	NO20	26	N	Day Use	114	n/a	4.5 miles north 68	35.15493	75.85082			10-Sep	18-Sep	na	10-Oct	0			
20-Jul	46	CC	NO21	25.3	Y	ORV	121	Day Use	0.6 North of 70	35.10144	75.9512	35.108	75.9512	13-Sep	21-Sep	10-Sep	13-Oct	132	116	16	2
20-Jul	47	CC	NO22	32.2	Y	ORV	121	Day Use	0.9 North of 70	35.09336	75.9732	35.1107	75.94628	13-Sep	21-Sep	10-Sep	13-Oct	129	98	31	12
23-Jul	49	CM	NO23	80.8	N	ORV	117	n/a	0.9 miles north of 67 DIG	35.13871	75.88885			16-Sep	24-Sep	na	16-Oct	0			
28-Jul	54	CC	NO24	19.6	Y	ORV	116	Day Use	1.4 miles north of ramp 67	35.328	75.9016	35.1472	75.8801	21-Sep	29-Sep	unknown	21-Oct	116	16	100	16
6-Aug	59	CC	NO25	134.9	N	Day Use	119	n/a	1.7 miles North of ramp 70	35.11646	75.93484			30-Sep	8-Oct	na	30-Oct	0			
8-Aug	61	CC	NO26	232	N	Day Use	115	n/a	2.5 miles North ramp of 67	35.15196	75.85799			2-Oct	10-Oct	na	1-Nov	0			
14-Aug	62	CC	NO27	11	N	ORV	110	n/a	ramp 59	35.18126	75.77943			8-Oct	16-Oct	na	7-Nov	0			

						Partial loss of nest to:				
LH	Emerge	HS%	Complete Loss	Nest #	Nest Inventor	# Overwash day	Egg loss	Hatchling loss	Complete nest loss to:	Comments:
0	115	80.4195804	n/a	NH1	9-Aug	unknown	n/a	n/a	n/a	6/3 dog tracks over body cavities; 7/31 dog tracks inside closure but not over nest
0	63	49.6062992	n/a	NH2	24-Aug	unknown	n/a	n/a	n/a	
0	99	94.2857143	n/a	NH3	17-Aug	unknown	n/a	n/a	n/a	
2	124	84.3537415	n/a	NH4	27-Aug	unknown	n/a	n/a	n/a	7/9 posts knocked down, no footprints inside area, no nest disturbance
0	72	68.5714286	n/a	NH5	27-Aug	unknown	n/a	n/a	n/a	8/6 string was down and footprints were inside closure, vehicle had driven over dune next to nest
0	61	91.0447761	n/a	NH6	3-Sep	unknown	n/a	n/a	n/a	9/3 excavation - 5 eggs completely undeveloped, 1 semi-developed
0	147	86.4705882	n/a	NH7	28-Aug	unknown	n/a	n/a	n/a	
28	85	57.0469799	n/a	NH8	27-Aug	unknown	n/a	n/a	n/a	
0	87	97.752809	n/a	NH9	6-Sep	unknown	n/a	n/a	n/a	7/2 turtle crawl almost completely obliterated by ORV tracks by 8:30 am. Partial crawl visible on lower beach then lost in main traffic area. Could pick up faint parts of crawl between tire ruts. Very hard to see. Nest area & crawl on upper beach surrounded by footprints - this nest could easily have been missed. 8/29 racoon tracks along backside of nest near dunes.
0	69	63.8888889	n/a	NH10	31-Aug	unknown	n/a	n/a	n/a	7/20 beach starting to erode away. 7/21 front sign posts washed out but transponder ball still in place. Beach erosion continues. Nest getting overwashed.
10	103	85.8333333	n/a	NH11	31-Aug	unknown	n/a	n/a	n/a	7/4 turtle laying eggs at 5:45 am
2	106	72.1088435	n/a	NH12	30-Aug	unknown	n/a	n/a	n/a	
0	107	82.3076923	n/a	NH13	3-Sep	unknown	n/a	n/a	n/a	8/29 human footprints and digging in area
0	0	0	storm	NH14	17-Sep	unknown	n/a	n/a	overwash & Hurricane Ophelia	8/19 human footprints inside closure; 9/7, 9/8, 9/9 nest getting overwashed at both tides; 9/17 Hurricane Ophelia
0	76	97.4358974	n/a	NH15	6-Sep	unknown	n/a	n/a	n/a	
0	83	72.173913	n/a	NH16	6-Sep	unknown	n/a	n/a	n/a	
5	96	89.7196262	n/a	NH17	13-Sep	unknown	n/a	n/a	n/a	8/5 human and dog tracks in the closure; 9/7 & 9/8 overwash
0	0	#DIV/0!	Hurricane Ophelia	NH18	N/A	unknown	n/a	n/a	Hurricane Ophelia	9/7 & 9/8 nest getting overwashed; unable to determine if nest hatched before it was washed out (egg shells found in the wrack line, transponder located at the duneline south of the nest)
0	0	#DIV/0!	Hurricane Ophelia	NH19	N/A	unknown	n/a	n/a	Hurricane Ophelia	9/7 & 9/8 site overwashed, possible depression. 9/17 lost to Hurricane Ophelia - unable to determine if hatched before washed out.
0	0	#DIV/0!	Hurricane Ophelia	NH20	N/A	unknown	ghost crabs	n/a	Hurricane Ophelia	7/17 found 2 broken egg shells when nest discovered (ghost crabs?), 9/17 nest lost to Hurricane Ophelia, unable to determine if hatched prior to storm, transponder washed out
0	108	93.1034483	n/a	NH21	16-Sep	unknown	n/a	n/a	n/a	
26	89	72.3577236	n/a	NH22	13-Sep	unknown	n/a	n/a	n/a	9/10 daytime hatch (10 am), cloudy, windy conditions, 50-60 hatchlings boiled; 9/13 26 hatchlings in nest when excavated, did a night time release due to the approaching hurricane
10	93	85.3211009	n/a	NH23	16-Sep	unknown	n/a	n/a	n/a	10 hatchlings released alive post Hurricane Ophelia
0	0	#DIV/0!	Hurricane Ophelia	NH24	17-Sep	unknown	n/a	n/a	Hurricane Ophelia	No transponder located post Ophelia. Unable to determine if nest hatched prior to storm
0	71	46.4052288	n/a	NH25	6-Oct	unknown	storm	n/a	n/a	Nest received overwash from Hurricane Ophelia but transponder still present. Unable to determine hatch date due to storm.
0	0	#DIV/0!	Hurricane Ophelia	NH26	17-Sep	unknown	n/a	n/a	Hurricane Ophelia	Nest lost during Hurricane. Transponder was located up on the beach South of the nest.
1	93	86.9158879	n/a	NH27	1-Oct	unknown	n/a	n/a	n/a	Nest received overwash from Hurricane Ophelia but transponder still present. Unable to determine hatch date due to storm.
0	0	#DIV/0!	Hurricane Ophelia	NH28	N/A	unknown	n/a	n/a	Hurricane Ophelia	

0	0	#DIV/0!	Hurricane Ophelia	NH29	N/A	unknown	n/a	n/a	Hurricane Ophelia	
1	141	92.7631579	n/a	NH30	11-Oct	unknown	n/a	n/a	n/a	
0	25	22.1	n/a	NH31	15-Oct	unknown	overwash	n/a	n/a	nest received frequent overwash from both high tides during the time period of 9/7 to 10/10
0	0	#DIV/0!	Hurricane Ophelia	NH32	17-Sep	unknown	n/a	n/a	Hurricane Ophelia	Beach started to erode on 9/7 while Hurricane Ophelia was still off of Florida.
4	67	77.9	n/a	NH33	11-Oct	unknown	n/a	n/a	n/a	
0	101	88.6	n/a	NH34	11-Oct	unknown	n/a	n/a	n/a	Turtle was observed laying eggs in the morning after turtle patrol had finished.
0	0	#DIV/0!	Hurricane Ophelia	NH35	N/A	unknown	n/a	n/a	Hurricane Ophelia	
0	37	31.4	overwash/tides	NH36	7-Oct	unknown	overwash	n/a	tides & Hurricane Ophelia	8/12 Nest was reported by visitor to be washing out with the tide. Nest had been laid below high tide line on an unknown date. Relocated eggs. Eggs were stiff, mostly white. A few had a small amount of greenish to yellow fungus growing on it. Nest also received a heavy amount of overwash with Hurricane Ophelia.

0	0	#DIV/0!	Hurricane Ophelia	NH38	17-Oct	unknown	n/a	n/a	Hurricane Ophelia	Site received heavy overwash from Hurricane Ophelia, but posts were still standing. No hatching activity. Unable to relocate eggs - washed out during storm?
0	123	84.2465753	n/a	NH39	21-Oct	unknown	n/a	n/a	n/a	Site received heavy overwash from Hurricane Ophelia.
0	0	#DIV/0!	Hurricane Ophelia	NH40	N/A	unknown	n/a	n/a	Hurricane Ophelia	All signs washed out post-Ophelia. Nest are currently located in a runnel.
18	37	30.8333333	n/a	NH41	14-Nov	0	unknown	n/a	n/a	11/11 report from visitor that nest had hatched 2 turtles in the daylight. LE Ranger on site discovered 4 more leaving the nest.
5	-5		n/a	NH42	N/A	unknown	unknown	n/a	n/a	This was an unknown nest. Visitors called to report turtle hatchlings in their vacation cottage pool and on the road. 2 separate people called into the ranger station with reports. A total of 5 live hatchlings found/recovered and released. Are was search intensively but no nest could be found.

LH	Emerge	HS %	Complete Loss	Nest #	Nest Inventor	#Overwast Days	Partial Loss of nest to:		Complete Nest Lost to:	Comments:
							Eggs Loss	Hatchling Los		
1	62	81.5789474	n/a	NBH1	29-Aug	5	unknown	n/a	n/a	
0	13	15.2941176	n/a	NBH2	18-Sep	16	unknown	n/a	n/a	very little (if any) embryonic development in unhatched eggs
0	0	0	9/17 storm	NBH3	18-Sep	11	n/a	n/a	Hurricane Ophelia	Day time nest (11:30 am). 9/18 Nest buried by hurricane 4 feet. High tide was continuing to wash over nest & create a small stream running directly over nest. At day 69 eggs contained fetus about the size of a dime and pink. No movement of fetus.
0	0	#DIV/0!	9/17 storm	NB1	18-Sep	24	n/a	n/a	Hurricane Ophelia	Nest washed out by Hurricane - transponder found on Buxton beach. Hatch success unknown.
0	0	0	9/17 storm	NB2	7-Oct	14+	n/a	n/a	Hurricane Ophelia	7/16 nest ran over nest before it was located. Tire tracks were 6" deep and nest was an additional 6" below track. 2 eggs were broken and 2 more were separated from cavity. A mound had been created over cavity. 9/17 Hurricane Ophelia - nest was 140 ft from tideline. 9/18 Transponder and nest still present but continues to be inundated by storm tides. 10/7 All eggs in arrested development.
0	58	72.5	n/a	NBH4	18-Sep	7	ghost crab	n/a	n/a	7/25 Ghost crab hole on top of nest - 2 egg shells found empty. 9/18 nest checked after hurricane Ophelia - hatched!
0	0	#DIV/0!	9/17 storm	NBH5	18-Sep	7+	n/a	n/a	Hurricane Ophelia	9/18 3 feet deep beach erosion to within inches of back posts of closure, transponder ball washed out. Hatching due during this time, success is unknown.
0	0	#DIV/0!	9/17 storm	NBH6	18-Sep	12+	n/a	n/a	Hurricane Ophelia	9/18 All signs gone, beach is eroded by 3-4 feet deep to within 12 feet of front PVC marker. Nest lost.
0	0	#DIV/0!	unknown/storm	NBH7	6-Nov	unknown	n/a	n/a	Hurricane Ophelia (?)	11/6 There has been no sign of hatching and site has been getting frequently overwashed. Went to excavate and no transponder could be located. Uncertain as to when it washed out. PVC pipes had been removed by an unknwn source making locating nest cavity by measurements impossible. Unknown if nest hatched or washed out.

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							Partial Loss of nest to:			
LH	Emerge	HS %	Complete Loss	Nest #	Nest Inventor	#Overwast Days	Eggs Loss	Hatchling Loss	Complete Nest Lost to:	Comments:
4	99	91.6666667		NO1	19-Aug					15-Aug, 10:45pm major boil witnessed, 2 hatchlings exited closure, ghost crab captured two hatchlings- one saved other suffered injury
6	88	68.2170543		NO2	16-Aug	1	Ghost crab, one egg shell found on 6/15			11-Aug, major hatch and majority of hatchlings crawled outside of posted area to the north into tire ruts, no filter fence, dark beach but maybe distant ORV lights
4	42	56		NO3	19-Aug					11-Aug, 2 hatchlings; started inventory 25 babies found and covered back up, major boil that evening.
0	85	87.628866		NO4	19-Aug					5 hatchlings exited closure
3	111	88.0952381		NO5	19-Aug					
0	90	88.2352941		NO6	23-Aug					19-Aug 1 hatchling track, 20-Aug big boil. Most hatchlings crawled outside closure to the north, no filter fence, into tire ruts, but eventually made it into ocean.
0	56	59.5744681		NO7	24-Aug					21-Aug major boil, 23-Aug 4 new tracks
17	111	84.7328244		NO8	3-Sep					21-Aug 1 hatchling track crawled south outside closure and ghost crab dragged it to a hole, 26-Aug began excavation and released 85 hatchlings at night reburied 46 whole eggs, and 8 hatchlings with large yolk sac. 30-Aug excavated again and reburied 15 hatchlings, 1-Sept a few new tracks, 2-Sept 11 tracks, 3-Sept final excavation. Permisson and consultatin with NCWRC on multiple excavations.
0	75	97.4025974		NO9	28-Aug					24-Aug depression, 25-Aug major boil
0	99	96.1165049		NO10	3-Sep					21-Aug depression, 30-Aug 2 tracks, 31-Aug trickle of hatchlings
0	90	97.826087		NO11	2-Sep		Ghost crab ate 3 eggs on 7/8			26-Aug depression, 31-Aug big boil
0	29	22.4806202		NO12	18-Sep	3				
1	76	85.3932584		NO13	6-Sep					1-Sept small depression
0	100	97.0873786		NO14	9-Sep					4-Sept large depression, possible hatch. Nest on top of artificial dune, used plywood barrier and filter fence to direct hatchlings to ocean
0		#DIV/0!	9/17 lost to Hurricane	NO15	na	3				
0		#DIV/0!	9/17 lost to Hurricane	NO16	na	5				
0		#DIV/0!	9/17 lost to Hurricane	NO17	na	7				Dig, not confirmed as a nest
0	121	96.8		NO18	4-Oct					9-Sept depression, maybe hatched during storm
0	79	64.7540984		NO19	4-Oct					8-Sept large depression, 9-Sept ghost crab in depression, maybe hatched during storm
0		#DIV/0!	9/17 lost to Hurricane	NO20	na	2				
15	99	75		NO21	12-Sep					9-Sept visitor reported hatch, 12-Sept 15 weak, deformed hatchlings released
0	86	66.6666667		NO22	17-Sep					9-Sept depression, 12-Sept dug into found 10 healthy hatchlings, reburied
0		#DIV/0!	9/17 lost to Hurricane	NO23	na	2				Dig, not confirmed as a nest
0	0	0		NO24	16-Oct	8				6 days of overwash from hurricane ophellia
0		#DIV/0!	9/17 lost to Hurricane	NO25	na	8				
0		#DIV/0!	9/17 lost to Hurricane	NO26	na					Dig, not confirmed as a nest
0		#DIV/0!	9/17 lost to Hurricane	NO27	na					

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2005 False Crawls - Cape Hatteras National Seashore

<u>Hatteras Island</u>	<u>date</u>	<u>act. #</u>	<u>species</u>	<u>lat</u>	<u>long</u>	<u>site type</u>
	1-Jun	1	CC	35.23206	75.52679	ORV
	2-Jun	2	CC	35.22123	75.65336	Day Use
	10-Jun	4	CC	35.23177	75.52684	ORV
	11-Jun	6	CC	35.21928	75.5289	ORV
	11-Jun	7	CC	35.23187	75.52682	ORV
	12-Jun	9	CC	35.24761	75.52386	Day Use
	13-Jun	10	CC	35.19051	75.73895	ORV
	17-Jun	13	CM	35.29659	75.51345	Day Use
	18-Jun	14	CM	35.29981	75.51169	Day Use
	19-Jun	15	CC	35.22953	75.62001	Village
	21-Jun	17	CC	35.22878	75.62341	Day Use
	23-Jun	18	CC	35.25212	75.52208	Day Use
	24-Jun	19	CC	35.22600	75.52777	ORV
	24-Jun	20	CC	35.21508	75.53236	ORV
	24-Jun	21	CC	35.26287	75.51805	Village
	30-Jun	23	CC	35.23222	75.52707	ORV
	1-Jul	24	CC	35.22823	75.52737	ORV
	1-Jul	25	CC	35.22578	75.52779	ORV
	1-Jul	26	CC	35.26095	75.51916	Village
	1-Jul	27	CC	35.27938	75.52927	ORV
	1-Jul	28	CC	35.3027	75.51139	Day Use
	2-Jul	29	CC	35.30273	75.51151	Day Use
	2-Jul	32	CC	35.20058	75.71419	ORV
	2-Jul	33	CC	35.23242	75.55517	ORV
	4-Jul	35	CC	35.23748	75.52632	Day Use
	5-Jul	38	CC	35.22164	75.52816	ORV
	5-Jul	39	CC	35.21949	75.52915	ORV
	5-Jul	40	CC	35.3213	75.50733	ORV
	9-Jul	42	CC	35.1928	75.73357	ORV
	10-Jul	43	CC	35.21533	75.53186	ORV
	10-Jul	44	CC	35.42278	75.4848	Day Use
	10-Jul	45	CC	35.20101	75.71307	ORV
	11-Jul	46	CM	35.23051	75.61657	Day Use
	12-Jul	49	CM	35.23325	75.52684	ORV
	12-Jul	51	CM	36.19625	75.72562	ORV
	12-Jul	52	CM	35.19508	75.72859	ORV
	12-Jul	53	CM	35.19427	75.73043	ORV
	12-Jul	54	CM	35.19392	75.73135	ORV
	12-Jul	55	CC	35.23333	75.52665	ORV
	17-Jul	59	CC	35.23241	75.52687	ORV
	22-Jul	61	CC	35.24419	75.52512	Day Use
	22-Jul	62	CC	35.31154	75.50957	ORV
	24-Jul	66	CC	35.21584	75.53154	Closure
	26-Jul	68	CM	35.23818	75.52616	Day Use
	26-Jul	69	CM	35.25025	75.52293	Day Use
	27-Jul	71	CC	35.23344	75.59543	ORV
	29-Jul	73	CM	35.40985	75.48557	ORV
	30-Jul	74	CM	35.38823	75.4889	Closure
	30-Jul	75	CM	35.40985	75.48549	ORV
	31-Jul	76	CC	35.28127	75.51581	Closure
	31-Jul	78	CC	35.23082	75.61493	Day Use
	1-Aug	80	CC	35.23595	75.52649	ORV
	1-Aug	81	CC	35.21457	75.67445	Closure
	1-Aug	82	CM			ORV
	2-Aug	85	CC	35.21689	75.53072	Closure

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2-Aug	86	CC	35.21474	75.53215	Closure
2-Aug	87	CC	35.22806	75.54028	Closure
2-Aug	88	CC	35.23074	75.61497	Day Use
2-Aug	89	CC	35.21818	75.66344	Day Use
4-Aug	90	CC	35.23451	75.52668	ORV
4-Aug	91	CC	35.27874	75.51628	Closure
4-Aug	92	CC	35.28219	75.5157	Day Use
13-Aug	99	CM	35.19225	75.75137	ORV
15-Aug	100	CM	35.22977	75.61995	Day Use
16-Aug	102	CC	35.22498	75.63837	Village/Pier
17-Aug	103	CC	35.2178	75.66465	Village
18-Aug	105	CC	35.2327	75.55604	ORV

**Ocracoke Island FC**

<u>Date</u>	<u>Act #</u>	<u>Species</u>	<u>Lat</u>	<u>Long</u>	<u>Site Type</u>
9-Jun	1	CC	35.1798	75.7824	ORV
11-Jun	2	CC			Day Use
11-Jun	3	CC	35.13357	75.90009	ORV
12-Jun	4	CC	35.14599	75.87162	Day Use
15-Jun	7	CC	35.12477	75.91853	Day Use
17-Jun	11	CC	35.08493	75.98607	ORV
17-Jun	12	CC	35.10247	75.9597	ORV
23-Jun	14	CC			ORV
27-Jun	17	CC	35.172	75.80663	Day Use
30-Jun	20	CC	35.11431	75.93871	Day Use
1-Jul	21	CC	35.13885	75.8883	ORV
3-Jul	22	CC	35.13678	75.89291	ORV
5-Jul	24	CC	35.07012	75	ORV
7-Jul	25	CC	35.16527	75.82538	Day Use
9-Jul	27	CC	35.18093	75.78008	ORV
13-Jul	29	CC	35.13	75.90734	Day Use
14-Jul	30	CC	35.09815	75.96646	ORV
14-Jul	31	CC	35.09763	75.96712	ORV
14-Jul	32	CC	35.09639	75.96883	ORV
14-Jul	33	CC	35.13394	75.89924	ORV
15-Jul	35	CC	35.13449	75.89835	ORV
16-Jul	39	CC	35.14222	75.88046	Day Use
16-Jul	40	CC?	35.14503	75.87416	Day Use
18-Jul	44	CC	35.12951	75.90837	Day Use
18-Jul	45	CC	35.13455	75.89796	ORV
20-Jul	48	CC	35.08978	75.97993	ORV
27-Jul	49	CC	35.08002	75.99213	ORV
27-Jul	50	CC	35.07245	75.99839	ORV
28-Jul	52	CC	35.12273	75.92261	Day Use
28-Jul	53	CC	35.13202	75.90331	Day Use
28-Jul	55	CC	35.13557	75.89537	ORV
31-Jul	56	CC	35.17327	75.80336	Day Use
31-Jul	57	CC	35.17992	75.78182	ORV
1-Aug	58	CC	35.1533	75.85459	Day Use
1-Aug	60	CC	35.1784	75.78691	ORV

**Bodie Island FC**

<u>Date</u>	<u>Act #</u>	<u>Species</u>	<u>Lat</u>	<u>Long</u>	<u>Site Type</u>
16-Jun	1	CC	35.29221	75.28726	ORV
19-Jun	4	CM	35.50528	75.47439	ORV

2005 Close/Hatch info				
Nest #	A to B (ft, in)	Close date	Expected HD	Physical location of incubating site
NH1	16.2	23-Jul	5-Aug	0.4 miles North ramp 55
NH2	100	30-Jul	12-Aug	0.8 miles North ramp 43
NH3	32	1-Aug	14-Aug	0.8 miles south of Avon pier (3.0 miles south ramp 34)
NH4	72	3-Aug	16-Aug	0.6 miles north ramp 43
NH5	16.1	3-Aug	16-Aug	0.7 miles south of Frisco pier (2.6 miles south ramp 49)
NH6	64	8-Aug	21-Aug	0.2 miles north ramp 49
NH7	13	13-Aug	26-Aug	0.5 miles north Buxton village
NH8	102	21-Aug	3-Sep	about midway between Salt Pond road and ramp 45
NH9	38.9	21-Aug	3-Sep	0.1miles north ramp 49
NH10	37.3	21-Aug	3-Sep	0.4 miles north Hatteras village
NH11	70	23-Aug	5-Sep	0.8 miles north ramp 43
NH12	111	24-Aug	6-Sep	0.5 Miles north ramp 43
NH13		25-Aug	7-Sep	2.2 miles north of buxton,,, no eggs found when dug
NH14	36	30-Aug	12-Sep	1.0 mile south of Avon Pier
NH15	80	30-Aug	12-Sep	0.2 miles south of 1st jetty
NH16	10	31-Aug	13-Sep	3.0 Miles South of ramp 30
NH17	232.7	1-Sep	14-Sep	2.5 miles South ramp 49
NH18	112.1	4-Sep	17-Sep	N of Ramp 55
NH19	17.9	4-Sep	17-Sep	N of Ramp 55
NH20	38.1	5-Sep	18-Sep	~0.5 mi N Ramp 49
NH21	15	11-Sep	24-Sep	0.3 mi N ramp 49
NH22	42	11-Sep	24-Sep	halfway between ramp 43 and lighthouse beach
NH23	10	11-Sep	24-Sep	1.1 mi S Frisco pier
NH24	6.4	12-Sep	25-Sep	0.1 mi N ramp 55
NH25	7.1	15-Sep	28-Sep	0.1 mi N Buxton village
NH26	100.8	15-Sep	28-Sep	1.8 mi N ramp 55
NH27	13.9	19-Sep	2-Oct	1.7 miles South ramp 38
NH28	16.7	19-Sep	2-Oct	0.4 miles South of no drive after Frisco campground
NH29	20.5	20-Sep	3-Oct	0.9 miles N of Hatteras village
NH30	112	21-Sep	4-Oct	0.5 miles South ramp 44
NH31	89	24-Sep	7-Oct	2.4 miles South ramp 30
NH32	7	27-Sep	10-Oct	2.0 miles South of ramp 38
NH33	13	29-Sep	12-Oct	1.8 miles South ramp 38
NH34	10	29-Sep	12-Oct	0.1 miles North Buxton village
NH35	207	1-Oct	14-Oct	1.9 miles South ramp 45
NH36	85.6	1-Oct	14-Oct	just North of ramp 43
NH37^	9.1	4-Oct	17-Oct	0.8 miles South ramp 49
NH37#	8	4-Oct	17-Oct	0.8 miles South ramp 49
NH38	20.9	5-Oct	18-Oct	0.5 miles South ramp 49
NH39	38.9	6-Oct	19-Oct	1.4 miles South ramp 38
NH40	137	7-Oct	20-Oct	0.8 miles South ramp 45