

0028877

From: [Sandra Hamilton](#)
To: lfox@louisberger.com
Cc: [Doug Wetmore](#); [Mike Murray](#)
Subject: Re: Fw: turtle nest count
Date: 10/07/2010 08:12 AM

Hi Lori:

For the camera ready, please change the footnote to include "accurate as of Oct 5, with no additional nesting expected" just on the off chance another nest shows up. We won't have time for any additional changes to nest numbers after these.

If you would send us the footnote with this change, then we can verify it now.

And please check the document to be sure the numbers are changed everywhere needed (i.e. don't just rely on the park and EQD catching them all). Thanks.

Sandy

Sandy Hamilton
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▼ [Mike Murray/CAHA/NPS](#)

**Mike
Murray/CAHA/NPS**

10/05/2010 10:22 AM

To: Sandra Hamilton/DENVER/NPS@NPS
cc: lfox@louisberger.com, Doug Wetmore/DENVER/NPS@NPS
Subject: Fw: turtle nest count

Sandy,

Britta's recent comments on Chapter 3, with the updated turtle nest counts, did not make it in time for inclusion in the 2nd internal review draft, so here are a number of locations in the 2nd draft of Chapter 3 and Chapter 4 that say in 2010 we've had a total of 154 nests, including 150 loggerheads and 4 greens. The 2010 count numbers are also footnoted to say the data is accurate "as of August 27, 2010, the nesting season isn't over, etc.).

See below for correct 2010 nest totals: 153 nests this year, 146 loggerheads and 7 greens. This is accurate as of October 5, 2010 (or Britta believes it is reasonable to say the nesting season is likely over), so we can either say it is the 2010 data or it is accurate as of Oct 5, with no additional nesting expected.

In commenting on Chapter 3 and 4, I'll edit these numbers wherever I notice them to be incorrect, but am concerned that I will miss some locations. Basically, I've already reviewed Chapter 3 and most of Chapter 4, while waiting for Britta to confirm the nest count numbers. I'll go back and make the edits, BUT I call this to your attention so that someone at EQD or LB can ensure the numbers are changed every where they need to be changed, including in the tables, (I won't edit the tables because I'm not how to).

Thanks,

Mike Murray
Superintendent
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS
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----- Forwarded by Mike Murray/CAHA/NPS on 10/05/2010 12:11 PM -----

**Britta
Muiznieks/CAHA/NPS**

10/05/2010 11:50 AM

To: Mike Murray/CAHA/NPS@NPS
cc: Doug McGee/CAHA/NPS@NPS, Thayer
Broilli/CAHA/NPS@NPS

Subject: Re: turtle nest count 

I thought I made those corrections in my revisions to Chapt 3 which only made it to Sandy last Thursday. There was a total of 153 nests this year, 146 loggerheads and 7 greens. I know that on one of the conference calls I had mentioned the 150 loggerhead nests was incorrect. I had had a conversation at one point with someone that we had reached 150 nests (the season was still in progress) and someone made the assumption that those were all loggerhead nests.

I would say that these are final numbers. There is a very small chance that we may have another nest this year. We did have a nest on October 7th last year but I would consider that to be more of an anomaly than the norm. I believe that it is the only October nest that we have ever documented in the seashore. If we are now going to call these final numbers then we probably want to add it to the average nest numbers from 2000-2010 as well (pg 214).

Between 2000 and ~~2009~~ 2010 the average number of loggerhead nests at the Seashore was ~~79~~ 85, with the lowest number of nests occurring in 2004 and the highest number of nests occurring in ~~2008~~ 2010 (figure 13) (NPS 2007e, 2008a, 2009c, 2010a; Baker pers. comm. 2009a, **Muiznieks pers. comm. 2010**). **However,**

in 2010 a record-breaking 146 loggerhead nests were laid at the Seashore. The Seashore experienced a record-breaking year in 2010 when 146 loggerhead nests were documented (Muiznieks pers. comm. 2010b). ~~Turtle nest numbers for the Seashore in 2010 are current through August 27, 2010; however, as of that date the nesting season is still ongoing, and the final number of loggerhead nests for 2010 may differ.~~ While only 40 loggerhead nests were laid at Cape Hatteras in 2004, it was a poor nesting year for the entire southeast Atlantic Coast (NPS 2005c).

Loggerhead data (below)

Year	CAHA	STATE TOTAL
2000	80	754
2001	73	655
2002	94	693
2003	83	862
2004	40	333
2005	63	645
2006	72	763
2007	73	535
2008	108	890
2009	101	614
2010	146	

84.82

Britta Muiznieks
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▼ Mike Murray/CAHA/NPS

**Mike
Murray/CAHA/NPS**

10/04/2010 04:45 PM

To: Britta Muiznieks/CAHA/NPS@NPS
cc: Doug McGee/CAHA/NPS@NPS, Thayer Broili/CAHA/NPS@NPS
Subject: turtle nest count

Info currently in Chapter 3 of the FEIS indicates that we have had 150 loggerhead nests and 4 green nests in 2010. It also indicates that the data is current as of August 27, 2010.

What are the correct 2010 totals for loggerheads and greens? (I thought we had a total of 153.) Is it safe to say the totals are "final" now or should we say "as of October 5, 2010"?

Thanks,

Mike Murray
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