

0028004

**From:** [Britta Muiznieks](#)  
**To:** [Doug Wetmore](#)  
**Cc:** [lfox@louisberger.com](mailto:lfox@louisberger.com); [Mike Murray](#); [Sandra Hamilton](#); [Thayer Broili](#)  
**Subject:** RE: updated breeding season data 2010  
**Date:** 09/14/2010 05:35 AM  
**Attachments:** [2010 Ocracoke PIPL & WIPL Nest Index.xlsx](#)

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Doug-

You are correct, the only chicks that fledged were from Cape Point. The eggs on South Point were lost primarily to ghost crabs but also to overwash(see attached table). There were probably additional egg losses that we were not able to document as a normal clutch size for PIPLs is 4 eggs.



2010 Ocracoke PIPL & WIPL Nest Index.xlsx

Britta Muiznieks  
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▼ [Doug Wetmore/DENVER/NPS](#)

**Doug Wetmore/DENVER/NPS**

09/13/2010 07:24 PM

To: Britta Muiznieks/CAHA/NPS@NPS  
cc: "Fox, Lori" <lfox@louisberger.com>, Mike Murray/CAHA/NPS@NPS, Sandra Hamilton/DENVER/NPS@NPS, Thayer Broili/CAHA/NPS@NPS  
Subject: RE: updated breeding season data 2010

The only chicks that fledged were at Cape Point?

Only 8 of 22 eggs hatched at South Point? What happened to all the eggs?

Doug Wetmore  
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▼ [Britta Muiznieks/CAHA/NPS](#)

**Britta Muiznieks/CAHA/NPS**

09/08/2010 02:37 PM

To: "Fox, Lori" <lfox@louisberger.com>, Sandra Hamilton/DENVER/NPS@NPS  
cc: Doug Wetmore/DENVER/NPS@NPS, Mike Murray/CAHA/NPS@NPS, Thayer Broili/CAHA/NPS@NPS  
Subject: RE: updated breeding season data 2010

Lori-

Here's the additional info you requested. I hate to point out my mistakes but South Point only hatched 8

chicks and lost 8 chicks (not 10) so the total lost is 18 (not 20).

Location	# Breeding Pairs	# Nests	# Nests Hatched	# Nests Lost	Total Eggs	Total Hatched	# Chicks Fledged	# Chicks Lost
Bodie Island Spit	0	0	0	0	0	0	0	0
Cape Point	6	6	6	0	24	21	15	6
South Beach	1	1	1	0	3	1	0	1
Hatteras Inlet Spit	0	0	0	0	0	0	0	0
Ocracoke (North)	1	1	1	0	3	3	0	3
South Point	4	7	3	4	22	8	0	8
<b>Total:</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>4</b>	<b>52</b>	<b>33</b>	<b>15</b>	<b>18</b>

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▼ "Fox, Lori" <lfox@louisberger.com>

"Fox, Lori"  
<lfox@louisberger.com>

To <Britta\_Muiznieks@nps.gov>  
cc

08/31/2010 11:04 AM

Subject RE: updated breeding season data 2010

Forgot to add, we also need total number of eggs, in addition to the number of eggs hatched.

Lori Fox  
Deputy Director, Denver Operations/Senior Planner

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-----Original Message-----

From: Britta\_Muiznieks@nps.gov [mailto:Britta\_Muiznieks@nps.gov]  
Sent: Friday, August 27, 2010 2:14 PM  
To: Sandra\_Hamilton@nps.gov  
Cc: Doug\_Wetmore@nps.gov; Fox, Lori; Mike\_Murray@nps.gov; Thayer\_Broilli@nps.gov  
Subject: Re: updated breeding season data 2010

Sandy-

Use the following revised table (instead of the table in the weekly report that Mike provided to you) for PIPs.

Chicks	Location	# Breeding Pairs	# Nests	# Nests Hatched	# Nests Lost	# Chicks Fledged	# Chicks Lost
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Lost

0028006

0	Bodie Island	0	0	0	0	0	
	Spit						
6	Cape Point	6	6	6	0	15	
1	South Beach	1	1	1	0	0	
0	Hatteras Inlet	0	0	0	0	0	
	Spit						
3	Ocracoke	1	1	1	0	0	
	(North)						
10	South Point	4	7	3	4	0	
20	Total:	12	15	11	4	15	

Here is the info needed to update the AMOY tables that we discussed earlier today.

(Embedded image moved to file: pic21926.jpg)

(Embedded image moved to file: pic05906.jpg)

I should have total nest numbers for CWBs to you by early next week.

Britta Muiznieks  
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Sandra  
Hamilton/DENVER/N  
PS

08/26/2010 04:33  
PM

Britta Muiznieks/CAHA/NPS@NPS

Doug Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Mike  
Murray/CAHA/NPS@NPS, Thayer  
Broili/CAHA/NPS@NPS

To

cc

Subject  
Re: updated breeding season data  
2010(Document link: Britta  
Muiznieks)

Yes, mid-week will work. Thanks, Britta. We'll give you a call tomorrow.

Sandy

Sandy Hamilton  
Environmental Protection Specialist  
National Park Service - Environmental Quality Division Academy Place P.O. Box 25287 Denver CO  
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Britta

0028007

Muiznieks/CAHA/NP  
S  
08/26/2010 02:16  
PM

Sandra Hamilton/DENVER/NPS@NPS  
Doug Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Mike  
Murray/CAHA/NPS@NPS, Thayer  
Broili/CAHA/NPS@NPS

To  
cc  
Subject  
Re: updated breeding season data  
2010(Document link: Sandra  
Hamilton)

I should be in the office for most of the day tomorrow if you have any questions for me. We should be able to pull together totals for our colonial waterbirds by next week (midweek) if we make it a priority. Is that soon enough for you?

Britta Muiznieks  
Wildlife Biologist  
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Sandra  
Hamilton/DENVER/N  
PS  
08/26/2010 01:17  
PM

Mike Murray/CAHA/NPS@NPS  
Britta Muiznieks/CAHA/NPS@NPS, Doug  
Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Thayer  
Broili/CAHA/NPS@NPS

To  
cc  
Subject  
Re: updated breeding season data  
2010(Document link: Britta  
Muiznieks)

Thanks, Mike.

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Mike  
Murray/CAHA/NPS  
08/26/2010 09:54  
AM

Sandra Hamilton/DENVER/NPS@NPS  
Britta Muiznieks/CAHA/NPS@NPS, Doug  
Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Thayer  
Broili/CAHA/NPS@NPS

To  
cc  
Subject  
Re: updated breeding season data  
2010(Document link: Sandra  
Hamilton)

The attached report (p. 2) contains the final PIPL data.

0028008

[attachment "07222010 CAHA Resource Mgmt Summary for July 15 - July 21, 2010.doc" deleted by Britta Muiznieks/CAHA/NPS]

Mike Murray  
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Sandra  
Hamilton/DENVER/N  
PS

08/26/2010 10:09  
AM

Mike Murray/CAHA/NPS@NPS

To

cc

Britta Muiznieks/CAHA/NPS@NPS, Doug  
Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Thayer  
Broili/CAHA/NPS@NPS

Subject

Re: updated breeding season data  
2010(Document link: Mike Murray)

Thanks, Mike.

We'll cite this week's res mgmt report for AMOY and PIPL and rely on your and Britta's advice on how to handle CWB and turtles.

Sandy

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Mike  
Murray/CAHA/NPS

08/26/2010 08:02  
AM

Sandra Hamilton/DENVER/NPS@NPS

To

cc

Doug Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com, Britta  
Muiznieks/CAHA/NPS@NPS, Thayer  
Broili/CAHA/NPS@NPS

Subject

Re: updated breeding season data  
2010(Document link: Sandra  
Hamilton)

Sandy,

The available data has generally been included in the weekly Resource Management reports. PIPL and AMOY are done for the season. Turtles are still nesting. CWB nest totals for the season are not yet available.

It is okay to contact Britta to see when CWB data might be available, but we want to be sure the data is accurate before releasing it.

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0028009

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Sandra  
Hamilton/DENVER/N  
PS

08/26/2010 09:11  
AM

Mike Murray/CAHA/NPS@NPS

Doug Wetmore/DENVER/NPS@NPS,  
lfox@louisberger.com

updated breeding season data 2010

To

cc

Subject

Hi Mike,

We would like to update the information in the DEIS for shorebirds and sea turtles with the 2010 breeding season data, current as of now, for the first internal review draft FEIS. I realize that turtle season is still ongoing and perhaps also some of the CWB. We'd like to include the data you do have to date, and will cite it as personal communication with Britta or however the park thinks is most appropriate. After that, unless something really startling occurs, we will not continue to update.

I'll give you a call to discuss what you think is possible for the park to provide in a bit. Thanks, Mike.

Sandy

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