

From: [Britta Muiznieks](#)
 To: [Sandra Hamilton](#)
 Cc: [Doug Wetmore](#); lfox@louisberger.com; [Mike Murray](#); [Thayer Broili](#)
 Subject: Re: updated breeding season data 2010
 Date: 08/27/2010 02:15 PM

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

Location	# Breeding Pairs	# Nests	# Nests Hatched	# Nests Lost	# Chicks Fledged	# Chicks Lost
Bodie Island Spit	0	0	0	0	0	0
Cape Point	6	6	6	0	15	6
South Beach	1	1	1	0	0	1
Hatteras Inlet Spit	0	0	0	0	0	0
Ocracoke (North)	1	1	1	0	0	3
South Point	4	7	3	4	0	10
Total:	12	15	11	4	15	20

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

Table 26. AMOY Nesting Pairs

Year	Ocracoke	Hatteras	Bodie	Green	Total
2010	4	15	1	3	23

Table 27. AMOY Breeding data by site

Location	Year	Nesting Pairs	Nests	Nests Hatched	Nest Survival (%)	Chicks Fledged	Fledge Rate
Ocracoke Island	2010	4	6	5	83.3	3	0.75
Hatteras Island	2010	15	17	13	76.5	23	1.53
Bodie Island	2010	1	2	1	50.0	0	0
Green Island	2010	3	3	2	66.7	4	1.33

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

0027817

Britta Muiznieks
Wildlife Biologist
Cape Hatteras National Seashore

252-995-3740-Office

252-475-8348-Cell

252-995-6998-FAX

▼ [Sandra Hamilton/DENVER/NPS](#)

**Sandra
Hamilton/DENVER/NPS**

08/26/2010 04:33 PM

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

Subject Re: updated breeding season data 2010

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 80225
PH: (303) 969-2068
FAX: (303) 987-6782

▼ [Britta Muiznieks/CAHA/NPS](#)

**Britta
Muiznieks/CAHA/NPS**

08/26/2010 02:16 PM

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

Subject Re: updated breeding season data 2010

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
Cape Hatteras National Seashore

0027818

252-995-3740-Office
252-475-8348-Cell
252-995-6998-FAX

▼ Sandra Hamilton/DENVER/NPS

**Sandra
Hamilton/DENVER/NPS**

08/26/2010 01:17 PM

To Mike Murray/CAHA/NPS@NPS
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

Thanks, Mike.

Sandy Hamilton
Environmental Protection Specialist
National Park Service - Environmental Quality Division
Academy Place
P.O. Box 25287
Denver CO 80225
PH: (303) 969-2068
FAX: (303) 987-6782

▼ Mike Murray/CAHA/NPS

**Mike
Murray/CAHA/NPS**

08/26/2010 09:54 AM

To Sandra Hamilton/DENVER/NPS@NPS
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

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

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

Mike Murray
Superintendent
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS
(w) 252-473-2111, ext. 148
(c) 252-216-5520
fax 252-473-2595

CONFIDENTIALITY NOTICE

This message is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is proprietary, privileged or confidential or otherwise legally exempt from disclosure.

▼ [Sandra Hamilton/DENVER/NPS](#)

**Sandra
Hamilton/DENVER/NPS**
08/26/2010 10:09 AM

To: Mike Murray/CAHA/NPS@NPS
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

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

Sandy Hamilton
Environmental Protection Specialist
National Park Service - Environmental Quality Division
Academy Place
P.O. Box 25287
Denver CO 80225
PH: (303) 969-2068
FAX: (303) 987-6782

▼ [Mike Murray/CAHA/NPS](#)

**Mike
Murray/CAHA/NPS**
08/26/2010 08:02 AM

To: Sandra Hamilton/DENVER/NPS@NPS
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

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.

Mike Murray
Superintendent
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS
(w) 252-473-2111, ext. 148
(c) 252-216-5520
fax 252-473-2595

CONFIDENTIALITY NOTICE

This message is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is proprietary, privileged or confidential or otherwise legally exempt from disclosure.

▼ [Sandra Hamilton/DENVER/NPS](#)

**Sandra
Hamilton/DENVER/NPS**

To: Mike Murray/CAHA/NPS@NPS
cc: Doug Wetmore/DENVER/NPS@NPS,
lfox@louisberger.com
Subject: updated breeding season data 2010

08/26/2010 09:11 AM

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

Sandy Hamilton
Environmental Protection Specialist
National Park Service - Environmental Quality Division
Academy Place
P.O. Box 25287
Denver CO 80225
PH: (303) 969-2068
FAX: (303) 987-6782

0027821