

From: [Mike Murray](#)  
To: [Cyndy Holda](#)  
Subject: Fw: Post Storm Turtle Nest Status  
Date: 09/07/2011 10:55 AM  
Attachments: [Hatteras Island Turtle Nests as of 9-2-2011.xlsx](#)

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Per Britta's messages below, totals for post-storm turtle nests is as follows:

RM District	pre-storm active nests		post-storm surviving nests		nests lost
Bodie-Hatteras	12	9	3		
Hatteras District	46	15	31		
Ocracoke	11	0	11		
Totals	69	24	45		

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----- Forwarded by Mike Murray/CAHA/NPS on 09/07/2011 10:50 AM -----

**Britta Muiznieks/CAHA/NPS**

09/02/2011 03:16 PM

To: Melissa Forder/SHEN/NPS@NPS, Shawn Nagle/NATR/NPS@NPS, Mike Murray/CAHA/NPS@NPS  
cc: Laura Pickens/CAHA/NPS@NPS  
Subject: Fw: Post Storm Turtle Nest Status

One quick correction. We only had 12 nests on Bodie Pre-Storm so the total pre-storm nests should be 69 (not 70).

Britta Muiznieks  
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----- Forwarded by Britta Muiznieks/CAHA/NPS on 09/02/2011 03:13 PM -----

**Britta Muiznieks/CAHA/NPS**

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09/02/2011 02:27 PM

To Melissa Forder/SHEN/NPS, Shawn Nagle/NATR/NPS, David Carter/CAHA/NPS, Mike Murray/CAHA/NPS, Darrell Echols/CAHA/NPS  
cc Laura Pickens/CAHA/NPS@NPS, Thayer Broili/CAHA/NPS@NPS, Jocelyn Wright/CAHA/NPS@NPS, Eric Frey/CAHA/NPS@NPS, Michael Piatak/CAHA/NPS@NPS, William P Thompson/CAHA/NPS@NPS  
Subject Post Storm Turtle Nest Status

Just a quick turtle update as we have now re-established closures for all the remaining turtle nests and resumed turtle patrol in all districts.

Following is a summary of the turtle nest status pre- and post-storm.

District	Pre-Storm	Post-Storm
Bodie-Hatteras District	13	9
Hatteras District	46	15
Ocracoke	11	0
Totals	70	24

The 24 remaining nests may still have been affected by the storm, but until they are excavated we will not be able to document the full effect of Hurricane Irene. All of the 24 remaining nests had what appeared to be viable eggs at the top of the nest. The eggs at the bottom of the nest may have been flooded and those eggs may not be viable. For now, all that we can say is that we lost ~66% of our nests but that the number may rise.



Hatteras Island Turtle Nests as of 9-2-2011.xlsx

As an FYI, someone drove through the expanded turtle closure at Ramp 49 that partially hatched out last night. String/flagging was broken where the vehicle entered the closure (from the east side) and continued below the filter fencing. The driver must have realized that they were in a closure and backed out over their same tracks (through the opening created when they entered the closure). This nest is in the process of hatching and approximately 20 hatchlings emerged last night. The tire tracks were raked out (no dead hatchlings found) and the string/flagging was repaired.

Also, someone is once again moving our nest markers in the Buxton Village area that help us relocate our nests. The first attempt at relocating this particular nest (NH86) was unsuccessful. The transponder ball could not be located and the string from the signs was wrapped around the nest marker. Only two of the four original outer signs were in place after the storm. When we could not locate this nest quickly on our first attempt, we decided we would come back to conduct a more thorough search for this nest at a later date. The nest was located yesterday (9/1) and the signs, PVC, and nest markers were re-established based on their original locations. When turtle patrol went through the area this morning the PVC and nest marker had

been moved to the opposite side of the nest. The nest (NH86) from a green turtle is located in the groins near the old lighthouse site. We have had similar issues in the Buxton area in the past.

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