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Subject: Post-Earl Turtle Nest Update
Date: 09/06/2010 03:11 PM
Attachments: [Boil.pdf](#)
[NH37 violation 9-6-2010 \(2\).JPG](#)

Yes, we still have some turtle nests left post-Earl and we even had a new nest this morning (0.2 mi N of Ramp 30)! As of Monday 9/6 we have had a total of 154 turtle nests this year and we still have 67 turtle nests on the ground:

Bodie/Hatteras District- 7 (including the one that came up this morning)
Hatteras District- 43
OcracokeDistrict- 17

A total of 5 nests were washed out completely (1 BH District, 3 Hatteras District and 1 Ocracoke) and an additional 5 were lost due to inundation/rise in water table (3 Hatteras District, and 2 Ocracoke). We believe at least another 3 nests in the Hatteras District are presumed to be nonviable but will not know for sure until they are excavated. We will only know the full extent of the effects of Hurricane Earl after the season has ended and all remaining nests have been excavated.

Signs lost:

Bodie/Hatteras District- 5 bird, 22 turtle, 6 carsonite

Hatteras District-Pending (Estimate ~30 turtle signs plus additional carsonite and PVC)

Ocracoke Estimated sign loss from Hurricane Earl

Bird signs: 50
Turtle signs: 40
Small PVCs: 6
Big PVCs: 8
Red Carsonites: 5
'Shoreline Closed' 4x4 sign: 2
'Stop' 4x4 sign: 1
'No vehicle/No Dog' 4x4 sign: 4
'No vehicle' carsonites: 15
Large educational 'Nesting Shorebirds' 4x4 sign: 1

Issues/Concerns:

1) There was a tractor on the beach pulling off the pilings from Frisco Pier on the afternoon on 9/4 (Sat). Prior to the storm there was a turtle nest just west of the Pier. During the morning patrol we had not been able to locate this nest and had not yet determined whether the nest should be considered lost. We assumed that this was a protected area and decided we would thoroughly search for it later in the day. It was later determined that this nest had been washed out. In the future please let us know when tractors are going to be allowed into non-ORV areas.

2) An ATV was running the shoreline from Hatteras Village to Ramp 49 on 9/4 (post-Earl). The ATV tracks went over the hatchling tracks from nest NH36 (1 mi W of

R49) that boiled on 9/4. We can assume the ATV was on the beach early in the morning (prior to 8:00 am) on Saturday. In the attached photo you can see the textbook boil as well as the tracks from the ATV.



Boil.pdf

3) On 9/6 after turtle patrol had already passed through the area, someone, accompanied by a dog, went inside the filter fencing for nest NH37 (0.4 mi S of R38) and wrote "Jack". We checked this nest post-Earl (9/4) and it does still have viable eggs that are due to hatch any day now.



NH37 violation 9-6-2010 (2).JPG

That's all for now.

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