



SEA TURTLE NEST PRODUCTIVITY ASSESSMENT INFORMATION SHEET

NOTES

1. Please verify that the first 5 columns of each Nest Productivity Worksheet accurately represent your beach and your nest marking scheme. For a definition of "nest marking scheme," see the "Definitions" section below. If there are any discrepancies between what has been pre-entered in these 5 columns for your beach and what you think should be entered, contact the FWC/FWRI: **Beth.Brost@MyFWC.com (727-502-4738)**.
2. **Sampling Period:** Ideally, all nesting activity and species should be encompassed. Please start marking nests as soon as you begin your surveys and continue to the end of the nesting season.
3. Please use the worksheets provided in this spreadsheet for data submittal - -Do not submit your own spreadsheet.
4. In the "Hatched Eggs" and "Unhatched Eggs" sections of each of the 5 species Nest Productivity Worksheets, fill-in zeroes when no eggs are present in an inventory category instead of leaving the cells blank.
5. Make sure to fill in the "Hatched Eggs" and "Unhatched Eggs" sections of the Nest Productivity Worksheets with numbers, not text descriptions like "most."
6. Examine the nest sign carefully to estimate exactly where the eggs are deposited. This will allow you to mark the nest via stakes placed systematically at predetermined distances/orientations from the clutch or via triangulated stakes placed in the dune, so that you will be able to find the eggs at the end of incubation. Although NPA protocol previously called for locating the clutch by gentle probing with the fingers, we are discontinuing this recommendation to minimize human effects on the nest.
7. If a nest has been washed-over by the tide, still attempt a nest inventory - - even if the eggs have been washed-over repeatedly and the embryos have died, the eggs can still be counted and this gives us valuable data.
8. Please do not stop marking nests on your beach partway through the season without contacting FWC/FWRI at **727-502-4738, Beth.Brost@MyFWC.com**.
9. Please do not change the nest marking scheme (e.g., Every n^{th} nest marked for the nest inventory study) partway through the season before contacting FWC/FWRI at **727-502-4738, Beth.Brost@MyFWC.com**
10. **THE NPA SPREADSHEET IS NOT AVAILABLE ONLINE BUT WILL BE SENT DIRECTLY TO EACH PERMIT HOLDER BY FWC/FWRI. E-MAIL THIS SPREADSHEET COMPLETE WITH THE NEST PRODUCTIVITY DATA TO FWC/FWRI (Beth.Brost@MyFWC.com) on or before November 30.** For questions regarding the annual report, please contact Beth Brost at 727-502-4738 or Beth.Brost@MyFWC.com.

DEFINITIONS

Self-Releasing: A screen or cage through which hatchlings escape unaided.

Restraining: A screen or cage that does not allow hatchlings to escape unaided.

Pipped: Hatchling broken through shell but not completely free of shell, not a hatched egg.

Initial Treatment: Describes how nest was treated at the time nest was made. Use codes under "Treatment" below.

Final Treatment: Describes any change in treatment anytime during the incubation period. For example, screen or cage added. Explain final treatment (event & date) under "Additional Notes". Use codes under "Treatment" below.

Relocated: Clutch was moved from the original site of deposition. Nests are only considered relocated if it is the initial treatment. If nest is relocated later due to storms, erosion, etc., this should be noted under "Additional Notes."

Man-Made Structures: seawall, rock pile, revetment, exposed geotube, dune crossover/stairs/boardwalk, private walkway, sand fence, storage structure.



Seaward of structure: The nest is considered to be seaward of the man-made structure if you can walk directly landward from the nest and encounter it. For sand fencing, consider the series of grouped sand fences as a single barrier. Any nest laid seaward of the series of sand fences or in between individual sand fences should be marked as a "Yes". **Note:** lifeguard towers, beach furniture, individual posts, recreational equipment, etc. should not be included.

Mortality Factors:	<p style="font-size: small;">Egg damaged by Ghost Crab</p> 	<p style="font-size: small;">Nest destroyed by Raccoon</p> 	<p style="font-size: small;">Nest Flooded (Inundation)</p>  <p style="font-size: x-small;">Image by Fla Keys NW</p>
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Nest Marking Scheme: The method used to choose the nests that will be included as part of your nest productivity sample so that the sample is representative of your entire beach.

Examples of entries for "nest marking scheme":

"**10TH**" = Every 10th nest encountered on your beach was chosen to be used as part of the productivity sample.

"**ALL**" = All nests on your beach were chosen to be used as part of the productivity sample.

CODES

Species Codes: CC (loggerhead) CM (green turtle) DC (leatherback) EI (hawksbill) LK (Kemp's ridley)

Treatment Codes:

A = Eggs left in Place, No Additional Protection

B = Eggs left in Place, Self-Releasing Screen

C = Eggs left in Place, Self-Releasing Cage

D = Eggs left in Place, Restraining Cage

E = Relocated, No Additional Protection

F = Relocated, Self-Releasing Screen

G = Relocated, Self-Releasing Cage

H = Relocated, Restraining Cage

