



**FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
FISH AND WILDLIFE RESEARCH INSTITUTE
ANNUAL REPORT FOR THE STATEWIDE NESTING BEACH SURVEY**

NOTES

- 1. Note to Mac users:** Please complete the form using Adobe Reader not Preview. It seems that the program called Preview is the default PDF viewer on Macs and this causes problems when entering into and saving the file.
- 2. Please complete pages 2 - 4 in their entirety.** Fill in all blanks even if the answer is zero or it is not applicable. If the question does not apply, please enter N/A (except for date fields-these can be left blank if it doesn't apply). If you have any questions, please contact Beth Brost at beth.brost@MyFWC.com (727-502-4738).
- 3. Please do not change the form's format.** If the information in **red text** is incorrect, there are spaces available to note corrections.
- 4. To get started,** the first thing you want to do is save this form onto your computer. To do this, go to: File, Save As. **Once you have saved the file,** go to page 2 and click on the "Organization" field. From there, you can use the tab key to move from one entry field to the next. Once the form is complete, you will need to save the file again to include your data. **Note:** for each fill in blank, do not exceed the visible space.
- 5. Additional Comments.** If you need additional space for comments, please go to the last page.
- 6. Submittal deadline** is 30 November. Please email the completed report to beth.brost@MyFWC.com .
- 7. The statewide annual report** is not available online but will be sent directly to each permit holder by FWC/FWRI. 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.

Relocated: Clutch was moved from the original site of deposition. Nests are only considered relocated if this is the initial treatment.

Revised: 10May2016



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1. PRINCIPAL PERMIT HOLDER INFORMATION

Principal Permit Holder:		Permit No:	
Organization:			
Address:			
County:		Email Address:	
Day Telephone:		Night Telephone:	
Beach Name:			
Point of Contact & Phone #		Email Address for Point of Contact: (if different from above)	

2. GENERAL SURVEY INFORMATION

Survey Boundary Information: Please describe survey boundaries geographically. If boundaries have changed, please enter the new boundaries in the space below. Be specific and use known landmarks that can be found on a map (or include a marked map).

Beginning Survey Boundary:			
Ending Survey Boundary:			
Beach Length: KM (miles):		Was this the same survey area as last year? (Y or N)	

IF NO, please explain the specific differences, new survey length, AND why the survey area changed:

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Start Date of Survey (mm/dd/yy):		End Date of Survey (mm/dd/yy):	
Time of Day Surveyed: Start (AM or PM)		Finish (AM or PM)	
Number of Days Per Week Surveyed:			

Total # of Days Surveyed in 2016 (this is the total # of days between start and end dates MINUS any missed days):

If you did not survey 7 days per week throughout the nesting season, please describe your survey schedule (how many days per week, what days of the week). It is recommended to adhere to a fixed schedule if 7 days/week is not possible (e.g., 5 days/week every week), and these days would preferably be consecutive.

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If you did not survey 7 days per week, how were tracks counted on the day that surveys resumed after a missed day?

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Were all non-nesting crawls (false crawls) counted during your survey?	Y/N	
How many people were involved in surveying your nesting beach this season?		

3. NESTING BEACH MANAGEMENT INFORMATION					
Do you collect GPS data for your nests? (Y / N)			Do you save (electronic or paper files) these data? (Y/N)		
How many nests were RELOCATED this season?			Of these, how many were for construction projects , e.g., beach renourishment?		
List other reasons:					
Do you mark nests for inventory to determine hatching success?					Y/N
If yes, how many nests were inventoried in 2016? (<i>Note: data for all inventoried nests must be submitted on the NPA spreadsheet</i>)					
4. FATE OF NEST INFORMATION (for marked and unmarked nests)					
Do you actively look for and record predation events?					Y/N
Regarding mammalian predation events , what proportion of the events do you likely record?					All, Most, Some, or Few
If you record predation events, how many nests were negatively affected by each predator species during the course of the season? <i>Note: 1) no nest should occur in more than 1 box (there are spaces for multiple predators); 2) For "other", please enter in the space provided the specific predator(s), e.g., "bobcat" or "bobcat & ghost crab"; 3) Predation events include both partially & completely predated nests.</i>					
Only Raccoon		Only Feral Hog		Raccoon & Ghost Crab	
Only Fox		Only Armadillo		Coyote & Ghost Crab	
Only Coyote		Mammal-Unk		Other: (be specific)	
Only Dog		Only Ghost Crab		Other: (be specific)	
Canine (unsure if Coyote or Dog)		Only Ants		Other: (be specific)	
If predator control methods <i>other than screening/caging</i> were employed, please describe below:					
How many nests were negatively affected by another nesting sea turtle?					
How many nests were negatively affected by roots (<i>i.e., damaged eggs, impeded hatchling emergence</i>)?					
How many nests were negatively affected PRIOR to hatching by each of the following storm-related events? <i>Note: this <u>does not</u> include stake loss.</i>					
Complete Wash Outs		Partial Wash Outs		Accretion	
Inundation (flooded)		Washed over		Other (be specific)	
Please give name(s) of storms if possible					
How many nests were taken or disturbed by humans (Example: nest dug into, eggs removed, etc.)? <i>Note: this <u>does not</u> include stake removal.</i>					
Please give details:					
If human disturbances occurred, were they reported to law enforcement?					Y/N
How many disorientation events occurred on this survey area in 2016?					
Have all disorientation reports been submitted to FWC?					Y/N
I certify the above information to be true and accurate to the best of my knowledge. (type in name & date)					
				Date:	



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1. PRINCIPAL PERMIT HOLDER INFORMATION

Principal Permit Holder:	Permit Number:
Beach Name:	

2. GENERAL NESTING DATA for All nests on this survey area (Marked, Unmarked, & Misidentified Nests)

	<i>C. caretta</i> (Loggerhead)	<i>C. mydas</i> (Green Turtle)	<i>D. coriacea</i> (Leatherback)	<i>E. imbricata</i> (Hawksbill)	<i>L. kempii</i> (Kemp's Ridley)
Total # of Nests					
Total # of Non-Nesting Emergences (False Crawls)					
Date (mm/dd/yy) of First Documented Nest					
Date (mm/dd/yy) of Last Documented Nest					

Total # of Nests Prior to 15 May:					
Total # of Nests After 31 Aug:					

Comments:	
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In the spaces below, please provide information on the initial nest treatment (e.g., in situ, screened, relocated, etc.). For example, if the initial treatment was in situ with no protection, it should be included in "(a) # of Nests left in place without additional protection" even if you later relocate the nest due to erosion.

Nest Data for nests left in place (where the turtle deposited the clutch): These nests may be left without additional protection, screened with a self-releasing flat screen, or covered with self-releasing or restraining above-ground cages.

Record the number of nests by category and species. For each species, rows a+b+c+d should equal the total number of nests left in place. Please check to make sure this is the case.	<i>C. caretta</i> (Loggerhead)	<i>C. mydas</i> (Green Turtle)	<i>D. coriacea</i> (Leatherback)	<i>E. imbricata</i> (Hawksbill)	<i>L. kempii</i> (Kemp's Ridley)
TOTAL # OF NESTS LEFT IN PLACE (a + b + c + d)					
(a) # of Nests left in Place without Additional Protection					
(b) # of Nests left in Place with Self-Releasing Flat Screen					
(c) # of Nests left in Place with Self-Releasing Cage					
(d) # of Nests left in Place with Restraining Cage					

Relocated Nest Data: Relocated nests are those where the clutch is removed from its original site of deposition and reburied at another site. As with nests left in place, relocated nests may be left without additional protection, covered with self-releasing flat screen, or covered with a self-releasing for restraining above-ground cages. **Include ALL Relocated nests**, e.g., beach renourishment, nests moved because of possible inundation, etc.

Record the number of nests by category and species. For each species, rows a+b+c+d+e+f should equal the total number of relocated nests. Please check to make sure this is the case.	<i>C. caretta</i> (Loggerhead)	<i>C. mydas</i> (Green Turtle)	<i>D. coriacea</i> (Leatherback)	<i>E. imbricata</i> (Hawksbill)	<i>L. kempii</i> (Kemp's Ridley)
TOTAL # OF NESTS RELOCATED (a + b + c + d + e + f)					
(a) # of Relocated Nests without Additional Protection					
(b) # of Relocated Nests with Self-Releasing Flat Screen					
(c) # of Relocated Nests with Self-Releasing Cage					
(d) # of Relocated Nests with Restraining Cage					

Additional Comments for the 2016 Season

Beach Name:

Nesting Beach Management Information (e.g., predation, storms, poaching, etc.)	
General Nesting Data (e.g., nests, false crawls)	
Nest Success Data	
Miscellaneous Comments Regarding Data	