



FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION FISH AND WILDLIFE RESEARCH INSTITUTE

NOTES

- 1. 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). **For pages 5-10**, you only need to fill out the fields that apply. If you have any questions, please contact Beth Brost at beth.brost@MyFWC.com (727-896-8626 x 1914).
- 2. Please do not change the form's format.** If the information in **red text** is incorrect, there are spaces available to note corrections.
- 3. 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" blue 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.
- 4. Additional Comments.** If you need additional space for comments, please go to the last page.
- 5. Submittal deadline** is 30 November 2010. Please email the completed report to beth.brost@MyFWC.com.

DEFINITIONS

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

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

Hatchery: A fenced or caged area where many nests are reburied.

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

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

#of Eggs in Evaluated Nests: For *relocated* nests, a direct count of eggs; for nests *left in place*, a count of eggshells.

Note: empty eggshells are from hatchlings that have already emerged **and** from live and dead hatchlings still in the nest.

of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) **# Empty Shells minus (Live and Dead Hatchlings in Nest)**

of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs

Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. **Please check to make sure this is the case.**



**FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
FISH AND WILDLIFE RESEARCH INSTITUTE
SEA TURTLE NESTING REPORT FOR 2010**

1. PRINCIPAL PERMIT HOLDER INFORMATION

Principal Permit Holder:		Permit Number:	
Organization:			
Address:			
County:		Email Address:	
Day Telephone (include area code):		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 (include KM or MI):		Is beach length estimated or measured?	
Was this the exact same survey area as last year?	Yes / No		

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

Start Date of Survey (mm/dd/yy):		End Date of Survey (mm/dd/yy):	
Time of Day Surveyed: Start (include AM or PM)		Finish (include AM or PM)	
Number of Days Per Week Surveyed:			
Total # of Days Surveyed in 2010:			

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.

If you did not survey 7 days per week, how were tracks counted on the day that surveys resumed after a missed day? It is recommended that only new tracks be counted during these surveys.

Were all non-nesting crawls (false crawls) counted during your survey? **Yes or No**

How many people were involved in surveying your nesting beach this season?

3. NESTING BEACH MANAGEMENT INFORMATION

If nests were RELOCATED, were they relocated **Individually** (Ex: simply moving the nest directly landward of the original location or otherwise maintaining natural nest spacing) or in a **Group** (i.e., self-releasing and/or restraining hatchery) with other beach relocated nests?

Please give reasons for relocating nests. (Example: nest located below high tide line, in high foot traffic area, etc.)

If **ALL** relocated nests were not inventoried, please give reason.

If a **HATCHERY** was used, please give reasons AND specific location:

If predator control methods other than screening/caging were employed, please describe below:

How many nests were negatively affected by predators other than humans during the course of the season? <i>Note: this includes both partially and completely predated nests.</i>	MARKED Nests	
	UNMARKED Nests	

List all non-human predators documented predated nests this season:

How many nests were negatively affected by the nesting female or another nesting sea turtle ?	MARKED Nests	
	UNMARKED Nests	

How many nests were negatively affected by roots (i.e., damaged eggs, impeded hatchling emergence)?	MARKED Nests	
	UNMARKED Nests	

How many nests were negatively affected by erosion, accretion, inundation, and storm-related events ? <i>Note: this <u>does not</u> include stake loss.</i>	MARKED Nests	
	UNMARKED Nests	

Please give details:

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>	MARKED Nests	
	UNMARKED Nests	

Please give details:

How many disorientation events occurred on this survey area in 2010?

If disorientation events occurred, have all **disorientation reports** been submitted to FWC? **Yes or No**

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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**FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
FISH AND WILDLIFE RESEARCH INSTITUTE
SEA TURTLE NESTING REPORT FOR 2010**

1. PRINCIPAL PERMIT HOLDER INFORMATION

Principal Permit Holder:	Permit Number:
Beach Name:	

2. GENERAL NESTING DATA

	<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					
If your Statewide totals are different from your Index totals, please state reasons why?					
Total # of Nests Prior to 15 May:					
Total # of Nests After 31 Aug:					
Comments:					

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. These nests may be relocated to individual sites or as a group to a hatchery (a permanent or semi-permanent fenced or caged area where many nests are re-buried as a group). 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. Hatcheries may be self-releasing (hatchlings escape unaided) or restraining (hatchlings cannot escape unaided).

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					
(e) # of Relocated Nests to Self-Releasing Hatchery					
(f) # of Relocated Nests to Restraining Hatchery					



**Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute
Sea Turtle Nest Success Reporting Form for 2010
Species: *Caretta caretta* (Loggerhead)**

Beach Name:					Permit Holder:					Permit #:	
Category	Total # of Nests	# of Nests Marked to Evaluate	# of Nests Actually Evaluated	# of Eggs in Evaluated Nests	# of Hatchlings Emerged	# of Live Hatchlings in Nest	# of Dead Hatchlings in Nest	# of Pipped Live	# of Pipped Dead	# of Unhatched Eggs	
										# of Undamaged Eggs	# of Damaged Eggs
Left in Place/No Additional Protection											
Left in Place/Self Releasing Screen											
Left in Place/Self Releasing Cage											
Left in Place/Restraining Cage											
Relocated/No Additional Protection											
Relocated/Self Releasing Screen											
Relocated/Self Releasing Cage											
Relocated/Restraining Cage											
Relocated/Self Releasing Hatchery											
Relocated/Restraining Hatchery											
Definition of Terms					Additional Information						
<p>Relocated: Clutch was relocated from the original site of deposition.</p> <p>Self-Releasing: A screen, cage or hatchery through which hatchlings escape unaided.</p> <p>Restraining: A screen, cage, or hatchery that does not allow hatchlings to escape unaided.</p> <p>Hatchery: A fenced or caged area where many nests are reburied.</p> <p>Pipped: Hatchling broken through eggshell but not completely free of eggshell - not a hatched egg.</p> <p>Damaged Eggs: Eggs damaged by predators, roots, nesting females, or during relocation.</p>					<p># of Eggs in Evaluated Nests: In <i>relocated</i> nests, direct count of eggs; for nests <i>left in place</i>, a count of eggshells.</p> <p># of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) # Empty Shells - (Live and Dead Hatchlings in Nest)</p> <p># of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs</p>						
<p>Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. Please check to make sure this is the case.</p>											



Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute
Sea Turtle Nest Success Reporting Form for 2010
Species: *Chelonia mydas* (Green Turtle)

Beach Name:					Permit Holder:					Permit #:	
Category	Total # of Nests	# of Nests Marked to Evaluate	# of Nests Actually Evaluated	# of Eggs in Evaluated Nests	# of Hatchlings Emerged	# of Live Hatchlings in Nest	# of Dead Hatchlings in Nest	# of Pipped Live	# of Pipped Dead	# of Unhatched Eggs	
										# of Undamaged Eggs	# of Damaged Eggs
Left in Place/No Additional Protection											
Left in Place/Self Releasing Screen											
Left in Place/Self Releasing Cage											
Left in Place/Restraining Cage											
Relocated/No Additional Protection											
Relocated/Self Releasing Screen											
Relocated/Self Releasing Cage											
Relocated/Restraining Cage											
Relocated/Self Releasing Hatchery											
Relocated/Restraining Hatchery											
Definition of Terms					Additional Information						
Relocated: Clutch was relocated from the original site of deposition. Self-Releasing: A screen, cage or hatchery through which hatchlings escape unaided. Restraining: A screen, cage, or hatchery that does not allow hatchlings to escape unaided. Hatchery: A fenced or caged area where many nests are reburied. Pipped: Hatchling broken through eggshell but not completely free of eggshell - not a hatched egg. Damaged Eggs: Eggs damaged by predators, roots, nesting females, or during relocation.					#of Eggs in Evaluated Nests: In <i>relocated</i> nests, direct count of eggs; for nests <i>left in place</i> , a count of eggshells. # of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) # Empty Shells - (Live and Dead Hatchlings in Nest) # of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs						
Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. Please check to make sure this is the case.											



Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute
Sea Turtle Nest Success Reporting Form for 2010
Species: *Dermochelys coriacea* (Leatherback)

Beach Name:					Permit Holder:					Permit #:	
Category	Total # of Nests	# of Nests Marked to Evaluate	# of Nests Actually Evaluated	# of Eggs in Evaluated Nests	# of Hatchlings Emerged	# of Live Hatchlings in Nest	# of Dead Hatchlings in Nest	# of Pipped Live	# of Pipped Dead	# of Unhatched Eggs	
										# of Undamaged Eggs	# of Damaged Eggs
Left in Place/No Additional Protection											
Left in Place/Self Releasing Screen											
Left in Place/Self Releasing Cage											
Left in Place/Restraining Cage											
Relocated/No Additional Protection											
Relocated/Self Releasing Screen											
Relocated/Self Releasing Cage											
Relocated/Restraining Cage											
Relocated/Self Releasing Hatchery											
Relocated/Restraining Hatchery											
Definition of Terms					Additional Information						
Relocated: Clutch was relocated from the original site of deposition. Self-Releasing: A screen, cage or hatchery through which hatchlings escape unaided. Restraining: A screen, cage, or hatchery that does not allow hatchlings to escape unaided. Hatchery: A fenced or caged area where many nests are reburied. Pipped: Hatchling broken through eggshell but not completely free of eggshell - not a hatched egg. Damaged Eggs: Eggs damaged by predators, roots, nesting females, or during relocation.					#of Eggs in Evaluated Nests: In <i>relocated</i> nests, direct count of eggs; for nests <i>left in place</i> , a count of eggshells. # of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) # Empty Shells - (Live and Dead Hatchlings in Nest) # of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs						
Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. Please check to make sure this is the case.											



Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute
Sea Turtle Nest Success Reporting Form for 2010

Species: *E. imbricata* (Hawksbill)

Beach Name:					Permit Holder:					Permit #:	
Category	Total # of Nests	# of Nests Marked to Evaluate	# of Nests Actually Evaluated	# of Eggs in Evaluated Nests	# of Hatchlings Emerged	# of Live Hatchlings in Nest	# of Dead Hatchlings in Nest	# of Pipped Live	# of Pipped Dead	# of Unhatched Eggs	
										# of Undamaged Eggs	# of Damaged Eggs
Left in Place/No Additional Protection											
Left in Place/Self Releasing Screen											
Left in Place/Self Releasing Cage											
Left in Place/Restraining Cage											
Relocated/No Additional Protection											
Relocated/Self Releasing Screen											
Relocated/Self Releasing Cage											
Relocated/Restraining Cage											
Relocated/Self Releasing Hatchery											
Relocated/Restraining Hatchery											
Definition of Terms Relocated: Clutch was relocated from the original site of deposition. Self-Releasing: A screen, cage or hatchery through which hatchlings escape unaided. Restraining: A screen, cage, or hatchery that does not allow hatchlings to escape unaided. Hatchery: A fenced or caged area where many nests are reburied. Pipped: Hatchling broken through eggshell but not completely free of eggshell - not a hatched egg. Damaged Eggs: Eggs damaged by predators, roots, nesting females, or during relocation.					Additional Information # of Eggs in Evaluated Nests: In <i>relocated</i> nests, direct count of eggs; for nests <i>left in place</i> , a count of eggshells. # of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) # Empty Shells - (Live and Dead Hatchlings in Nest) # of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs						
Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. Please check to make sure this is the case.											



Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute
Sea Turtle Nest Success Reporting Form for 2010

Species: *Lepidochelys kempii* (Kemp's Ridley)

Beach Name:					Permit Holder:					Permit #:	
Category	Total # of Nests	# of Nests Marked to Evaluate	# of Nests Actually Evaluated	# of Eggs in Evaluated Nests	# of Hatchlings Emerged	# of Live Hatchlings in Nest	# of Dead Hatchlings in Nest	# of Pipped Live	# of Pipped Dead	# of Unhatched Eggs	
										# of Undamaged Eggs	# of Damaged Eggs
Left in Place/No Additional Protection											
Left in Place/Self Releasing Screen											
Left in Place/Self Releasing Cage											
Left in Place/Restraining Cage											
Relocated/No Additional Protection											
Relocated/Self Releasing Screen											
Relocated/Self Releasing Cage											
Relocated/Restraining Cage											
Relocated/Self Releasing Hatchery											
Relocated/Restraining Hatchery											
Definition of Terms Relocated: Clutch was relocated from the original site of deposition. Self-Releasing: A screen, cage or hatchery through which hatchlings escape unaided. Restraining: A screen, cage, or hatchery that does not allow hatchlings to escape unaided. Hatchery: A fenced or caged area where many nests are reburied. Pipped: Hatchling broken through eggshell but not completely free of eggshell - not a hatched egg. Damaged Eggs: Eggs damaged by predators, roots, nesting females, or during relocation.					Additional Information # of Eggs in Evaluated Nests: In <i>relocated</i> nests, direct count of eggs; for nests <i>left in place</i> , a count of eggshells. # of Hatchlings Emerged: Count only those hatchlings that emerged unaided (prior to nest evaluation) # Empty Shells - (Live and Dead Hatchlings in Nest) # of Unhatched Eggs: (1) undamaged and unpipped eggs; and (2) damaged eggs						
Important: The # of Hatchlings Emerged + # of Live Hatchlings in Nest + # of Dead Hatchlings in Nest + # of Pipped Live + # of Pipped Dead + # of Unhatched Eggs = the # of Eggs in Evaluated Nests. Please check to make sure this is the case.											

Additional Comments for the 2010 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	