

NRR-PMDAPEm Resource

From: Steve Weege <steveeweeg@gmail.com>
Sent: Saturday, January 09, 2016 4:30 PM
To: Meghan Koperski
Cc: Ed Hollowell; Jodie Gless; John Jones; Ken Frehafer; Marine Turtle Permit; Michael Bresette; EndangeredSpecies Resource; SCO@dep.state.fl.us; Vince Munne; Cody Mott; Jeff Guertin; Ryan Welsh; debbie.spring@noaa.gov; Max Toebe; Kristin.Eaton@fpl.com
Subject: [External_Sender] December 2015 FPL Marine Turtle Removal Monthly Report
Attachments: December 2015 Marine Turtle Captures.rtf; Monthly Report Notes 2015.xls; FPL St. Lucie Capture Summary 2015.xls; Power Plant Causal Turtles.xlsx

Mrs. Meghan Koperski

Tequesta Field Laboratory

19100 SE Federal Highway

Tequesta, FL 33469

Subject: Marine Turtle Removal Monthly Summary

December 2015

Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for December 2015. This month, we captured twenty-one (21) *Caretta caretta* and thirty-five (35) *Chelonia mydas* in the intake canal of the St. Lucie power plant on Hutchinson Island. Five sea turtles were sent for rehabilitation and there were two mortalities recorded during the month of December. As with all sea turtle strandings at the St. Lucie Plant (alive or dead), the Florida Fish and Wildlife Conservation Commission (FWC) was consulted and a stranding form was filed with the state through the Sea Turtle Stranding and Salvage Network.

Three loggerhead sea turtles were sent to rehabilitation facilities for non-causal injuries this month. On December 4th, a subadult loggerhead was hand-captured that was apparently suffering from Debilitated Loggerhead Turtle Syndrome (a general diagnosis for underweight and lethargic loggerheads that are lacking vigor). Ecological Associates transported the turtle to the Gumbo Limbo Nature Center in Boca Raton for rehabilitation. On December 7th, another subadult loggerhead suffering from Debilitated Loggerhead Turtle Syndrome was removed from the primary 5-inch barrier net. This individual also had flipper damage (broken phalanges/bones and a large healed notch in the left front flipper). Inwater Research Group (IRG) biologists transported the turtle to the FWC field lab in Tequesta. From there, it was taken to the Miami Seaquarium for rehabilitation. On December 23rd, an adult male loggerhead was hand-captured in shallow water along the bank of the intake canal. It was emaciated and lethargic. The turtle was also impacted with shell hash and had several old necrotic injuries to the carapace. The turtle was transported to the Gumbo Limbo Nature Center in Boca Raton by the FWC stranding coordinator. These three strandings were considered to be non-causal.

Two green sea turtles were sent to rehabilitation facilities for non-causal injuries this month. On December 17th, a juvenile green turtle was removed from the FPL intake wells during the middle of the night. The turtle had entanglement injuries - deep cuts from fishing line in its neck and around the base of each front flipper. The

turtle was also wheezing. FWC transported the animal to the Loggerhead Marinelife Center in Juno Beach for rehabilitation. On December 17th, a juvenile green turtle with moderate papilloma tumors was captured in the tangle nets. It was underweight and in poor condition. IRG biologists transported the turtle to the FWC field lab in Tequesta. From there, it was taken to the Gumbo Limbo Nature Center in Boca Raton for rehabilitation. Both of these strandings were considered to be non-causal.

There were two mortalities during the month of December (one causal and one non-causal). On December 12th, a fresh dead juvenile green turtle was found just below the surface of the water on the permanent 5-inch barrier net. Rigor mortis was already present and there was clear fluid and foam coming out of the mouth. There was also a moderate fresh scrape on the top of the head, exposing the skull underneath. The animal was held on ice for necropsy by Dr. Nancy Mettee. The veterinarian concluded in the necropsy that "drowning was the most likely final cause of death, however, there was a traumatic rupture of hepatic portal system (which can also cause fatal internal bleeding)." This mortality was considered causal. On December 27th, a moderately decomposed juvenile green turtle was recovered from the permanent 5-inch barrier net in the morning. There was a large bite or gash to the right side of the head and neck. However, the turtle was too decomposed to necropsy. The stranding was documented, and after consultation with FWC, the carcass buried. This last stranding was recorded as a non-causal mortality.

Net cleanings and inspections were also performed during the month. On December 1st, Underwater Engineering Services (UESI) cleaned the permanent 5-inch barrier net of all biota and debris. UESI also performed the quarterly net inspections on the barrier nets within the intake canal system (specifically, the 5-inch; 8-inch A-1-A; and 10-inch U.I.D.S. nets). No holes were uncovered during the quarterly net inspection. On December 17th, the net was inspected a second time following the removal of a juvenile green turtle from the power plant intake wells. It was determined that the mesh at the bottom portion of the net was overstretched; divers subsequently mended the net by attaching rope in order to decrease the effective mesh width.

Throughout the month, the permanent 5-inch barrier net experienced moderate loads of algae and jellyfish that entered into the intake canal system. IRG biologists performed around-the-clock monitoring of the intake canal and barrier net system while the power plant conducted minor equipment repairs and maintenance.

The tag numbers and morphometric data for all turtles captured during the month have been included with this report (see attachments/addendums). Also included is a spreadsheet for all captures, mortalities, injuries, and causal events delineated by species and by month for 2015. In addition, this spreadsheet also tracks fresh scrapes incurred on captured turtles for the current month, as well as the entire year. An additional Excel spreadsheet tracks all causal injuries and mortalities incurred by sea turtles at the St. Lucie Plant since 2002.

Please feel free to contact me with any questions.

Sincerely,

Steve

Steve Weege

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MESSAGE	5887	1/9/2016 4:30:01 PM
December 2015 Marine Turtle Captures.rtf		34336
Monthly Report Notes 2015.xls	150900	
FPL St. Lucie Capture Summary 2015.xls		161176
Power Plant Causal Turtles.xlsx	18678	

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MARINE TURTLE REMOVALS ST. LUCIE PLANT INTAKE CANAL DECEMBER 2015

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
12/3/2015	<i>Chelonia mydas</i>	1	LLP303/LLP304	39.8	40.0	42.1	37.7	31.9	33.0	8.3	South net
12/4/2015	<i>Caretta caretta</i>	2	JRG151204-01	73.8	78.2	85.8	80.8	62.5	56.5	61.3	Hand capture
12/4/2015	<i>Caretta caretta</i>		LLP305/LLP307	67.5	69.1	73.0	71.8	60.3	54.6	50.5	North net
12/6/2015	<i>Caretta caretta</i>		LLP308/LLP309	72.8	74.4	80.0	79.5	64.0	58.1	64.5	South net
12/6/2015	<i>Caretta caretta</i>		LLP310/LLP311	56.6	58.4	60.8	58.0	47.3	43.3	28.2	South net
12/6/2015	<i>Caretta caretta</i>		LLP312/LLP313	55.4	57.0	63.3	61.8	50.2	44.1	28.1	North net
12/6/2015	<i>Chelonia mydas</i>		LLP314/LLP315	81.4	82.5	88.5	77.5	62.4	65.6	73.7	South net
12/7/2015	<i>Caretta caretta</i>	3	STW151207-01	63.2	65.1	70.5	67.7	54.2	48.3	33.7	Barrier net
12/8/2015	<i>Caretta caretta</i>		LLP317/LLP319	66.9	67.8	72.5	71.8	58.8	53.1	48.0	South net
12/9/2015	<i>Chelonia mydas</i>		982000364963592	24.3	24.3	25.5	23.0	20.5	20.2	1.7	Dip net
12/9/2015	<i>Caretta caretta</i>		LLP320/LLP321	62.3	63.6	69.0	67.0	54.5	48.6	39.7	North net
12/10/2015	<i>Chelonia mydas</i>		LLP322	27.6	27.9	29.3	24.6	22.3	22.8	2.6	Barrier net
12/10/2015	<i>Chelonia mydas</i>		LLP323	27.9	28.2	29.8	25.0	22.2	22.8	2.6	Dip net
12/10/2015	<i>Chelonia mydas</i>		LLP324	24.3	24.7	26.3	23.0	20.2	20.6	1.9	Dip net
12/11/2015	<i>Chelonia mydas</i>		982000364938198	26.9	27.3	28.5	24.5	21.6	22.4	2.5	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
12/12/2015	<i>Chelonia mydas</i>		LLP325	26.8	27.3	28.6	25.2	23.0	22.8	2.6	Dip net
12/12/2015	<i>Chelonia mydas</i>		LLP326/LLP327	44.1	44.5	46.6	44.7	39.5	37.5	12.5	North net
12/12/2015	<i>Chelonia mydas</i>	4	STW151212-01	28.0	28.5	29.6	26.4	24.0	23.7	2.8	Barrier net
12/13/2015	<i>Chelonia mydas</i>		LLP328/LLP329	42.9	43.2	45.5	38.8	33.8	35.6	10.0	North net
12/13/2015	<i>Chelonia mydas</i>	5	LLP330/LLP331	53.4	53.6	57.3	51.1	43.1	43.7	19.9	South net
12/14/2015	<i>Chelonia mydas</i>		LLP332/LLP333	30.5	30.8	32.9	28.3	24.7	24.9	3.7	Dip net
12/14/2015	<i>Chelonia mydas</i>		LLP334	29.1	29.4	30.8	27.5	24.5	24.2	3.2	South net
12/15/2015	<i>Chelonia mydas</i>		LLP335/LLP336	63.3	64.5	68.7	55.2	47.4	53.2	33.7	North net
12/15/2015	<i>Chelonia mydas</i>	6	LLP337/LLP338	54.7	54.9	58.0	50.7	43.0	47.6	22.5	South net
12/16/2015	<i>Chelonia mydas</i>		LLP339/LLP340	26.1	26.5	27.9	23.9	21.3	21.7	2.5	Dip net
12/16/2015	<i>Chelonia mydas</i>		LLP341/LLP342	74.5	75.0	80.7	66.9	56.0	59.6	49.7	North net
12/16/2015	<i>Chelonia mydas</i>		LLP343/LLP344	30.9	31.4	32.7	28.7	25.8	26.3	3.6	Dip net
12/17/2015	<i>Chelonia mydas</i>		982000364850131	28.0	28.2	30.5	26.5	24.7	23.6	2.8	Dip net
12/17/2015	<i>Chelonia mydas</i>		982000364989665	28.0	28.0	30.0	26.0	22.4	23.5	2.9	Dip net
12/17/2015	<i>Chelonia mydas</i>	7	JRG151217-01	47.8	48.0	51.2	46.5	38.0	38.9	12.0	South net
12/17/2015	<i>Caretta caretta</i>		LLP346/LLP347	63.4	64.7	69.0	66.0	53.5	48.2	33.1	North net
12/17/2015	<i>Chelonia mydas</i>	8	RCW151217-01	26.9	27.0	28.0	23.2	20.9	22.2	1.7	Intake well
12/18/2015	<i>Caretta caretta</i>		LLP348/LLP349	51.6	52.9	56.9	54.7	44.6	40.8	21.5	South net
12/18/2015	<i>Chelonia mydas</i>	9	LLP350/LLP351	48.0	48.2	51.8	44.3	37.9	38.5	13.4	North net
12/18/2015	<i>Caretta caretta</i>		LLP352/LLP353	65.6	66.6	72.2	68.2	55.7	54.0	47.0	South net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
12/18/2015	<i>Chelonia mydas</i>		LLP354	27.3	28.0	29.0	24.8	22.5	23.7	2.5	Hand capture
12/22/2015	<i>Caretta caretta</i>		LLP355/LLP356	66.8	68.6	72.8	68.7	57.9	52.8	45.4	North net
12/22/2015	<i>Chelonia mydas</i>		LLP357/LLP358	55.3	55.6	59.3	51.3	43.1	45.2	21.8	South net
12/23/2015	<i>Chelonia mydas</i>	10	LLA328	52.5	52.9	57.5	48.5	40.1	42.8	18.7	South net
12/23/2015	<i>Caretta caretta</i>		LLP359/LLP360	57.5	58.7	63.0	63.0	50.1	45.4	27.9	North net
12/23/2015	<i>Chelonia mydas</i>		LLP361/LLP362	45.0	45.5	48.5	40.6	35.9	38.7	10.3	North net
12/23/2015	<i>Caretta caretta</i>		LLP363/LLP364	68.7	70.7	75.4	72.0	55.3	54.2	50.3	North net
12/23/2015	<i>Chelonia mydas</i>		LLP365	27.7	28.3	30.2	26.6	23.7	23.3	2.9	North net
12/23/2015	<i>Caretta caretta</i>	11	STW151223-01	82.2	83.9	88.2	82.5	65.5	58.7	61.9	Hand capture
12/26/2015	<i>Caretta caretta</i>		LLP366/LLP367	64.8	65.6	70.2	66.0	54.3	51.8	44.8	North net
12/26/2015	<i>Chelonia mydas</i>		LLP368	27.3	27.7	29.5	26.1	23.1	22.4	2.6	Dip net
12/27/2015	<i>Chelonia mydas</i>		LLP369	32.2	32.7	34.3	29.5	25.0	26.1	4.1	South net
12/27/2015	<i>Caretta caretta</i>		LLP370/LLP371	72.0	73.3	78.5	73.5	60.0	57.2	56.7	South net
12/27/2015	<i>Chelonia mydas</i>	12	RCW151227-01	25.2	25.7	28.0	24.0	21.3	21.0	2.0	Barrier net
12/28/2015	<i>Chelonia mydas</i>	13	LLP248	46.7	46.9	49.2	43.1	36.3	39.2	12.9	North net
12/28/2015	<i>Caretta caretta</i>		LLP372/LLP373	72.3	73.6	79.6	72.4	59.6	54.9	52.9	North net
12/29/2015	<i>Chelonia mydas</i>		982000365081808	26.5	26.9	28.2	24.0	21.1	22.4	2.3	Dip net
12/29/2015	<i>Caretta caretta</i>		LLP374/LLP375	65.1	66.1	70.5	69.0	55.9	49.4	42.1	South net
12/29/2015	<i>Caretta caretta</i>		LLP376/LLP377	63.5	64.7	69.6	65.0	55.0	50.0	39.1	South net
12/30/2015	<i>Caretta caretta</i>		LLP378/LLP379	75.0	76.8	80.6	76.8	59.0	55.0	53.1	South net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCl (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
12/31/2015	<i>Chelonia mydas</i>		982000365089206	25.0	25.5	26.0	23.0	19.7	20.4	1.8	Barrier net

Monthly reports due by the 10th.

Notes should include the following:

Adults

Recaptures

Strange Tags

Tag Returns

Papillomas

Mortalities

Rehab Turtles

Hybrids (choose >)

Intake Well Turtles

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/5/08, 5/10/11, 6/13/11, 7/5/11, 7/7/12, 2/5/13, 3/20/13, 5/7/14 and 1/3/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 25).
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/12/11, 4/29/12, 7/7/12, 10/20/12, 2/23/13, 7/10/13, 1/21/14, 3/7/14, 5/4/14 and 1/10/15. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 6). Tumors on base of front flippers appear smooth, possibly regressing.
3. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 22).
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/15/08, 3/23/10, 10/29/11, 12/27/11, 12/17/12, 1/22/14 and 1/13/15. Turtle missing 20% of right front flipper (healed).
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12, 7/7/12, 1/30/13, 5/13/13, 11/14/13, 12/16/13, 7/15/14, 9/12/14 and 1/23/15. Small necrotic patches noted on flippers.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/29/08, 1/17/14, 5/17/14 and 1/27/15.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/29/09, 7/24/09, 11/18/11, 4/11/13 and 2/9/15. Hourglass shaped carapace (possible old constriction injury).
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/16/99, 9/19/01, 9/1/02, 6/24/03, 11/24/04, 4/9/05, 9/7/05, 4/10/06, 5/2/06, 8/24/06, 4/18/07, 5/20/08, 7/20/08, 10/7/08, 1/11/10 and 2/10/15.
3. REHAB (NON-CAUSAL). STSSN# STW150212-01. Underweight and lethargic subadult loggerhead with extensive wounds on dorsal surface of neck and head. Injuries were not from entrapment into the intake canal; wounds in the process of healing. The turtle was transported by Inwater Research Group biologists, in coordination with Ecological Associates, to the Gumbo Limbo Nature Center in Juno Beach for rehabilitation.
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 6/19/12 and 2/13/15.
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/16/12 and 2/14/15.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/19/12 and 2/17/15.
7. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 18).
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/12/11 and 2/22/15.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/19/09, 3/8/10, 5/30/12, 3/31/13, 1/29/14, 9/5/14 and 2/25/15.
10. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14 and 2/26/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 33).
11. DEAD (CAUSAL MORTALITY). STSSN# RCW150228-01. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 66). Turtle found on the temporary 5-inch barrier net in the morning. It was stuck on the barrier net two inches below the waterline. The turtle was convulsing when it was brought onto the boat and promptly died. Preliminary determination by IRG biologists was causal due to drowning. Held on ice for necropsy by Dr. Nancy Mettee, DVM. The necropsy report stated that "based on the debilitated condition of this turtle death was imminent with forced submergence/ drowning as the final cause of death."

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/29/08, 1/17/14, 5/7/14, 1/27/15 and 3/1/15.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/16/10, 6/22/14, 8/29/14, 9/28/14 and 3/2/15.
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/6/14 and 3/2/15.
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/18/14 and 3/5/15.
5. PAPILLOMAS (Balazs Tumor Score = 1{light}, Total Tumor Score = 1). Turtle missing 30% of left rear flipper (healed). TAG RETURN (3/21/15), ocean side of SR A1A in Sebastian Inlet State Park - fishing hook removed and turtle released on site.
6. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 28). Tumors appear to be regressing. Turtle missing 40% of right rear flipper (healed).
7. DEAD (NON-CAUSAL MORTALITY). Stranding# STW150306-01. Juvenile green turtle found dead on barrier net (held for necropsy). Boat prop wound to right side of head. Remains saved for necropsy by Dr. Nancy Mettee, DVM. Necropsy findings were consistent with the conclusion of a non-causal mortality.
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/24/12, 1/30/13, 5/8/13, 6/5/13, 6/15/13 and 3/8/15. Moderate scrapes in anterior and mid region of carapace.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/4/07, 10/20/11, 7/21/12, 12/12/12, 1/6/13, 4/3/13, 1/6/14, 7/26/14, 11/23/14 and 3/10/15.
PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 9).
10. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/6/06, 4/3/09, 7/28/09, 12/3/09, 2/11/10, 9/3/10, 5/18/11, 1/9/12, 10/31/12, 4/11/13, 7/29/13, 1/3/14, 7/7/14 and 3/11/15.
11. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/30/08, 11/7/11, 5/20/12, 8/9/12, 12/2/13, 1/31/14, 10/24/14 and 3/11/15.
12. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/6/08, 5/18/11, 10/11/11, 6/14/13, 6/23/14 and 3/11/15.
13. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 22). Extra vertebral scute.
14. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12, 7/7/12, 1/30/13, 5/13/13, 11/14/13, 12/16/13, 7/15/14, 9/12/14, 1/23/15 and 3/12/15.
Moderate deep fresh scrape across first vertebral and adjacent right costal scute.
15. REHAB (NON-CAUSAL). Stranding# STW150312-01. Turtle missing 80% of right front flipper (healed) and 8 cm scar in right shoulder. Old boat strike injury to posterior carapace (43 cm long by 26 cm wide); posteriormost 25 cm still open and necrotic. Florida Fish and Wildlife Conservation Commission (FWC) transported the animal to Sea World for rehabilitation.
16. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/7/05, 9/4/05, 9/25/10, 9/28/11, 7/25/14 and 3/15/15.
17. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/10/05, 9/21/06, 12/18/06, 4/21/07, 12/6/07, 5/25/08, 10/9/08, 6/15/09, 6/13/11, 1/4/13, 3/1/13, 5/23/13 and 3/15/15. New Inconel tags inserted on this capture event.
18. DEAD (NON-CAUSAL MORTALITY). Stranding# CRM150317-01. Moderately decomposed, found floating at surface of permanent 5-inch barrier net. Missing left rear flipper (not healed). No other injuries or abnormalities.
19. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/2/12, 10/28/12 and 3/17/15. No tag scars observed.
20. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/21/14, 6/22/14 and 3/22/15.
21. Adult male. Tail length = 445 mm. Skull exposed from moderate fresh scrapes to top of head and deep

- moderate fresh scrapes in posterior plastron. Soft plastron. Sex determined from tail length since the straight standard carapace length (SCL) was less than 85.0 cm.
22. STRANGE TAG (1/10/10), Brevard County cold stun turtle found on Merritt Island on 1/10/10 and released at Catfish Creek in Titusville, FL on 1/17/10. SCL at release was 35.4 cm. Malformed (dome-shaped) carapace.
 23. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/23/09, 3/23/10, 9/22/10, 1/31/11, 10/13/11, 11/17/11, 12/20/12 and 3/27/15. New Inconel tags inserted on this capture event.
 24. REHAB (NON-CAUSAL). Stranding# STW150327-01. Shark attack victim. Turtle missing 70% of both front flippers (healing). Healing and necrotic wounds in neck, right axilla, and left rear flipper from shark attack. Recent shark bites/ punctures in carapace and plastron. Three healed, parallel cuts in left posterior carapace (possibly an old prop injury). Inwater Research Group biologist transported the turtle to the FWC Tequesta Field Lab. To be euthanized by veterinarian per FWC request.
 25. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/24/12, 1/30/13, 5/8/13, 6/5/13, 6/15/13, 3/8/15 and 3/28/15.

SMCL = Straight Minimum Carapace Length
SMCL = Straight Standard Carapace Length
CSCL = Curved Standard Carapace Length
CMCW = Curved Maximum Carapace Width
SMCW = Straight Maximum Carapace Width
SMPL = Straight Midline Plastron Length

NOTES

1. REHAB (NON-CAUSAL). Stranding# JRG0150401-01. Subadult loggerhead with a fishing hook embedded in ventral side of right front flipper. Turtle otherwise healthy. Transported by FWC Stranding Coordinator Morgan Young to Loggerhead Marineline Center (LMC) in Juno Beach for rehabilitation.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/16/09, 5/22/11, 12/9/12, 5/24/13, 8/30/14 and 4/7/15.
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/17/10, 10/8/13, 11/24/13 and 4/9/15. New Inconel tags inserted on this capture event. Dead bone exposed from small notches in left posterior carapace (not from entrainment).
4. Adult male. Tail length = 405 mm. REHAB (NON-CAUSAL). Stranding# RCW150410-01. Severely emaciated adult male loggerhead removed from intake canal. Appeared to have been entrained just prior to capture in tangle nets. Taken to Loggerhead Marineline Center by LMC staff for rehab. Weight estimated at 55kg.
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12, 7/7/12, 1/30/13, 5/13/13, 11/14/13, 12/16/13, 7/15/14, 9/12/14, 1/23/15, 3/12/15 and 4/14/15.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14, 2/26/15 and 4/16/15. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 37).
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/5/08, 5/10/11, 6/13/11, 7/25/11, 7/7/12, 2/5/13, 3/20/13, 5/7/14, 1/3/15 and 4/16/15. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 20).

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/12/11, 4/29/12, 7/7/12, 10/20/12, 2/23/13, 7/10/13, 1/21/14, 3/7/14, 5/4/14, 1/10/15 and 5/2/15. New Inconel tag inserted on this capture event.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/23/04, 8/11/06, 8/23/06, 9/30/06, 3/6/07, 8/19/07, 12/3/07, 1/14/08, 2/21/08, 3/19/08, 5/5/08, 5/31/08, 7/7/08, 9/17/08, 11/30/08, 1/26/09, 4/10/09, 4/19/09, 6/24/09, 1/11/10, 3/31/10, 6/5/10, 8/27/10, 10/10/10, 11/27/10, 5/18/11, 11/14/11, 7/12/12, 8/31/13, 2/16/14 and 5/4/15.
3. Adult female. Tail length = 235 mm.
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/27/14 and 5/14/15.
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/7/08, 9/9/08 and 5/14/15.
6. Adult female. Tail length = 405 mm.
7. Adult female. Tail length = 320 mm. Mating scars on neck. Turtle also missing 40% from each front flippers and 20% from the left rear flipper.
8. Adult female leatherback. Weight estimated from crane; plastron and tail measurements not possible due to animal's size. STRANGE TAG, originally nested 2.9km south of Ocean Avenue in Melbourne Beach on 5/17/2001 (Curved Maximum Carapace Length or CMCL=141cm). Also seen nesting in Juno Beach on 4/24/03 and 5/16/12.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/20/11, 7/28/14 and 5/19/15.
10. Adult female. Tail length = 212 mm.
11. Adult male. Tail length = 410 mm.
12. Adult male. Tail length = 445 mm.
13. Adult female. Tail length = 205 mm. Turtle missing 80% of right front flipper (healing). STRANGE TAG (PIT tag #407B2D7847), documented nesting on Wassaw Island, Georgia on 5/23/04 (CMCL=99cm).

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CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. Adult female. Tail length = 189 mm.
2. Adult female. Tail length = 181 mm. Shark rakings evident on left anterior carapace.
3. Adult female. Tail length = 205 mm.
4. Adult male. Tail length = 420 mm. Moderate fresh scrape to upper right eyelid.
5. Adult male. Tail length = 410 mm. Possible healing hooking wound in right side of jaw.
6. Adult female. Tail length = 233 mm. Moderate fresh scrape on right side of head (skull exposed).
7. Adult female. Tail length = 217 mm.
8. Adult female. Tail length = 177 mm.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/5/08, 5/10/11, 6/13/11, 7/25/11, 7/7/12, 2/5/13, 3/20/13, 5/7/14, 1/3/15, 4/16/15 and 6/15/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 10).
10. Adult female. Tail length = 209 mm. STRANGE TAG (PIT tag #466B0F424C). Tagging information sent to Peter Eliazar at the Archie Carr Center for Sea Turtle Research (UF). Moderate fresh scrape in left anterior carapace.
11. Adult female. Tail length = 223 mm. Mating scar in ventral surface of neck (3cm x 7cm).
12. Adult female. Tail length = 177 mm.
13. Adult female. Tail length = 228 mm. Shark attack victim. Large arc-shaped bite out of right posterior carapace (36cm in diameter). Turtle also missing 30% of right rear flipper. Injuries are old/healed.
14. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/31/12, 4/27/13, 11/5/13, 1/21/14, 7/3/14 and 6/17/15. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 1). One small tumor on rear flipper. New Inconel tag inserted today.
15. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/21/13, 1/29/14 and 6/17/15. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 1). New Inconel tags inserted on this capture event.
16. Carapace damage prevented biologists from obtaining a straight minimum carapace length (SMCL). Two cracks originating from between the pygals and splitting through the carapace. The wounds extend through the bone at the anterior end and are in the process of healing (not from entrainment).
17. REHAB (NON-CAUSAL). Stranding# STW150621-01. Subadult loggerhead hand captured in the FPL intake canal with a 3ft section of 50lb monofilament fishing line coming out of its mouth/throat. After consultation with the Florida Fish & Wildlife Conservation Commission, Inwater Research Group personnel transported the turtle to the Loggerhead Marinelife Center in Juno Beach for rehabilitation.
18. Adult female. Tail length = 258 mm. Possible old boat strike trauma; Large healed gash in right posterior carapace measuring 40cm long by 5cm wide. Mating wounds on neck.
19. Adult female. Tail length = 205 mm. Moderate fresh scrape above left eye.
20. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 6/28/05 and 6/24/15. Adult female. Tail length = 200 mm.
21. Adult female. Tail length = 191 mm. Mating scar on ventral side of neck.
22. Adult female. Tail length = 256 mm.
23. Adult female. Tail length = 226 mm. Deep moderate fresh scrape above left eye.

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SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/29/09, 7/24/09, 11/18/11, 4/11/13, 2/9/15 and 7/2/15. Old healed constriction injury in carapace.
2. Adult female. Tail length = 255 mm.
3. Adult female. Tail length = 259 mm.
4. Adult female. Tail length = 264 mm.
5. Adult female. Tail length = 255 mm. Mating scars on neck.
6. Adult female. Tail length = 235 mm.
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/19/09, 3/8/10, 5/30/12, 3/31/13, 1/29/14, 9/5/14, 2/25/15 and 7/9/15.
8. Adult female. Tail length = 252 mm. Large healing arc-shaped cut in ventral side of LRF (possible shark bite wound).
9. Adult female. Tail length = 245 mm. Deep moderate fresh scrapes on head (skull exposed).
10. Adult female. Tail length = 210 mm. Moderate scrape to skull.
11. Adult female. Tail length = 200 mm.
12. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/30/08, 11/7/11, 5/20/12, 8/9/12, 12/2/13, 1/31/14, 10/24/14, 3/11/15 and 7/11/15.
13. REHAB (NON-CAUSAL). Stranding# CRM150712-02. Severely emaciated subadult loggerhead hand captured in the intake canal. Plastron sunken in and cavity around the heart visible. Turtle transported by Inwater Research Group (IRG) biologists to the Loggerhead Marinelife Center (LMC) in Juno Beach.
14. REHAB (NON-CAUSAL). Stranding# CRM150712-01. Subadult loggerhead hand captured with severe constrictions injuries; monofilament line and netting material wrapped tightly around and cutting into the base of each rear flipper. Turtle transported by IRG biologists to LMC for rehab.
15. Adult female. Tail length = 235 mm.
16. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/30/11, 4/21/13, 11/12/13, 12/4/13, 8/31/14 and 7/12/15. New Inconel tag inserted.
17. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14, 2/26/15, 4/16/15 and 7/14/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 25).
18. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/19/12, 2/17/15 and 7/14/15.
19. Adult female. Tail length = 212 mm. Mating wounds on neck. Minor healed carapace and flipper damage.
20. Adult female. Tail length = 201 mm.
21. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12, 7/7/12, 1/30/13, 5/13/13, 11/14/13, 12/16/13, 7/15/14, 9/12/14, 1/23/15, 3/12/15, 4/14/15 and 7/16/15.
22. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/12/13 and 7/19/15.
23. Adult female. Tail length = 200 mm.
24. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/10/12, 12/18/12, 3/29/13, 12/13/13, 9/7/14 and 7/25/15. Old compression deformity to right posterior carapace.
25. Adult female. Tail length = 180 mm. Healing shark wounds and flipper damage.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/23/09, 3/23/10, 9/22/10, 1/31/11, 10/13/11, 11/17/11, 12/20/12, 3/27/15 and 8/3/15.
2. Adult female. Tail length = 218 mm.
3. Adult female. Tail length = 210 mm.
4. Adult female. Tail length = 195 mm.
5. Adult female. Tail length = 170 mm.
6. Adult female. Tail length = 213 mm.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. REHAB (NON-CAUSAL). Stranding# CRM150908-01. A subadult loggerhead in poor condition was hand captured and removed from the intake canal. It was emaciated and lethargic and was also wheezing. Inwater Research Group biologists transported the turtle to the Loggerhead Marinelife Center in Juno Beach for rehabilitation. Scar tissue from an old hooking wound had built up and was partially obstructing the animal's airway. Doing well postoperatively and currently on antibiotics.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/5/08 and 10/3/15.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/23/04, 8/11/06, 8/23/06, 9/30/06, 3/6/07, 8/19/07, 12/3/07, 1/14/08, 2/21/08, 3/19/08, 5/5/08, 5/31/08, 7/7/08, 9/17/08, 11/30/08, 1/26/09, 4/10/09, 4/19/09, 6/24/09, 1/11/10, 3/31/10, 6/5/10, 8/27/10, 10/10/10, 11/27/10, 5/18/11, 11/14/11, 7/12/12, 8/31/13, 2/16/14, 12/16/14, 5/4/15 and 10/11/15. PAPILOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 3). New Inconel tag #LLP228 inserted in left front flipper.
3. DEAD (CAUSAL MORTALITY). Stranding# STW151014-01. Dead juvenile green turtle found floating on 5-inch barrier net. Scutes beginning to slough and eye bulging from gas accumulation. No other wounds or abnormalities. Preliminary determination by biologists was causal mortality due to drowning. Held on ice for necropsy. Final causality determination made by veterinarian. According to the necropsy report, "there was no evidence of compromise or disease significant enough to account for the sudden death of this individual." Drowning was therefore ruled the most likely cause of death. Sex determination made during necropsy.
4. Adult male. Tail length = 318 mm.
5. REHAB (NON-CAUSAL). Stranding# JRG151015-01. A juvenile loggerhead was captured in the tangle nets in the intake canal at the St. Lucie Nuclear Power Plant that was in poor condition. It had an old shark bite to its right posterior carapace and flipper; however, these injuries were healed. The animal was ultimately taken to rehab because it was underweight and lethargic. Tags were applied before rehab determination was made. The turtle was transported to the Marinelife Center in Juno Beach.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14, 2/26/15, 4/16/15, 7/14/15 and 10/18/15. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 26). Tumors along trailing edges of front flippers; no Inconel tags applied.
7. DEAD (CAUSAL MORTALITY). Stranding# CRM151019-01. Juvenile green turtle found floating at surface of 5-inch barrier net in the morning. Beginning stages of decomposition and evidence of light scavenging present. Preliminary determination by Inwater Research Group biologists was causal mortality due to drowning in FPL intake structures during ongoing power plant outage. Placed on ice & taken to Dr. Nancy Mettee, DVM for necropsy. Final causality determination was made by veterinarian. According to the necropsy report, the turtle had a congenital deformity in its cardiovascular system that predisposed it to internal hemorrhage. Because of its impaired vigor, the turtle may have been unable to withstand the physical stressors placed on it during entrainment. The turtle died from internal bleeding and the veterinarian deemed the mortality to be causal. Sex determination made during necropsy.
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 7/25/11 and 10/21/15.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/12/15 and 10/29/15.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/1/14 and 11/3/15.
2. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 7).
3. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 2). Minor healed flipper damage.
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/9/10, 4/3/13, 6/5/13, 12/2/13, 9/28/14 and 11/4/15. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 7).
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/18/07, 8/21/07, 8/24/07, 9/2/07, 9/10/07, 10/25/07, 12/17/07, 1/25/08, 4/6/08, 4/30/08, 7/13/08, 8/24/08, 9/13/08, 10/6/08, 10/18/08, 4/17/09, 6/17/09, 8/13/09, 10/27/09, 6/11/10, 9/15/10, 9/15/11, 10/21/11, 11/30/11, 7/7/12, 3/20/13 and 11/4/15.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/7/10, 6/12/12, 8/28/14, 11/19/14 and 11/6/15. Moderate scrapes to right side of carapace.
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14, 2/26/15, 4/16/15, 7/14/15, 10/18/15 and 11/7/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 21).
8. DEAD (NON-CAUSAL MORTALITY). Stranding# RCW151125-01. Severely decomposed juvenile green turtle found on the barrier in morning. Turtle was bloated with evidence of fish scavenging on carcass. No other wounds or abnormalities noted.
9. STRANGE TAG (Both Inconel and PIT tags). Contacted Peter Eliazar from the UF Archie Carr Center for Sea Turtle Research for original tagging information. Turtle was originally tagged by UCF during their "Lagoon Project." Additional information is forthcoming. Old Inconel tags were barely in and were replaced with LLP289 and LLP290.
10. REHAB (NON-CAUSAL). Stranding# STW151129-01. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 24). Juvenile green turtle removed from the primary 5-inch barrier net in the morning. The animal was underweight and lethargic with large fibropapilloma tumors growing out of its plastron. The FWC stranding coordinator Morgan Young picked up and transported the turtle to the Gumbo Limbo Nature Center in Boca Raton for rehabilitation.
11. DEAD (NON-CAUSAL MORTALITY). Stranding# STW151129-02. Moderately decomposed subadult loggerhead removed from primary 5-inch barrier net in the morning. The animal appeared to have succumbed to the notorious Debilitated Loggerhead Turtle Syndrome; there was significant body wasting and a heavy epibiont load. The turtle was too decomposed to necropsy. There was sloughing of both the scutes and scales and the carcass was bloated.
12. REHAB (NON-CAUSAL). Stranding# STW151130-01. Subadult loggerhead removed from the primary 5-inch barrier net in poor condition. The animal was underweight and lethargic (debilitated loggerhead turtle syndrome). Large healed notch in marginals on left side of carapace. Transported to rehab by the FWC stranding coordinator Morgan Young. Turtle went to the Gumbo Limbo Nature Center in Boca Raton for rehabilitation.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/22/13, 1/25/14 and 12/3/15.
2. REHAB (NON-CAUSAL). Stranding# JRG151204-01. Debilitated Loggerhead Turtle Syndrome (underweight & lethargic with heavy epibiont coverage). Moderate deep fresh scrapes in right posterior carapace. Large healed notch in left posterior carapace. Ecological Associates transported the turtle to the Gumbo Limbo Nature Center in Boca Raton for rehabilitation.
3. REHAB (NON-CAUSAL). Stranding# STW151207-01. Debilitated Loggerhead Turtle Syndrome (emaciated & lethargic with heavy epibiont coverage). Broken phalanges and large "V" shaped notch in distal trailing edge of left front flipper (missing 5%, healed). Inwater Research Group (IRG) biologists transported the turtle to the Florida Fish and Wildlife Conservation Commission (FWC) field lab in Tequesta. From there, it was taken to the Miami Seaquarium for rehabilitation.
4. DEAD (CAUSAL MORTALITY). Stranding# STW151212-01. Found one foot below surface on permanent 5" barrier net. Rigor mortis present. Clear fluid and foam coming out of mouth. Moderate fresh scrape on dorsal surface of head (skull exposed). Preliminary determination by IRG biologists is casual drowning. Held on ice for necropsy by Dr. Nancy Mettee. The necropsy findings supported the causality determination. The veterinarian concluded that "drowning was the most likely final cause of death, however, there was a traumatic rupture of hepatic portal system (which can also cause fatal internal bleeding)".
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 7/9/08, 12/6/08, 2/21/10 and 12/13/15. Multiple deep fresh scrapes on head (skull exposed & scored from moderate fresh scrape).
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12, 7/7/12, 1/30/13, 5/13/13, 11/14/13, 12/16/13, 7/15/14, 9/12/14, 1/23/15, 3/12/15, 4/14/15, 7/16/15 and 12/15/15.
7. REHAB (NON-CAUSAL). Stranding# JRG151217-01. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12, 7/21/12, 12/14/12, 1/22/13, 3/31/13, 5/10/13, 1/18/14, 4/22/14, 9/16/14, 2/26/15, 4/16/15, 7/14/15, 10/18/15, 11/7/15. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 23). Turtle underweight but very active. Shark rakings across carapace. Very soft spots on plastron. IRG biologists transported the turtle to the FWC field lab in Tequesta. From there, it was taken to the Gumbo Limbo Nature Center for rehabilitation.
8. REHAB (NON-CAUSAL). Stranding# RCW151217-01. Juvenile green turtle removed from the FPL intake wells during the middle of the night. Turtle had entanglement injuries - deep cuts from fishing line in neck and around base of each front flipper. Turtle was wheezing when it would breath. Transported by FWC to the Loggerhead Marinelife Center in Juno Beach for rehabilitation.
9. PAPILLOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 5).
10. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/29/08, 1/17/14, 5/7/14, 1/27/15, 3/1/15 and 12/23/15. Deep moderate fresh scrapes in anterior carapace. Turtle missing 25% from terminal end of right rear flipper (healed).
11. REHAB (NON-CAUSAL). Stranding# STW151223-01. Adult male. Tail length = 405 mm. Hand captured in shallow water along bank of intake canal. Emaciated & lethargic. Turtle is impacted with shell hash. Old injury mid-carapace on left side; exposed broken bone and necrotic tissue present (3cm x 8cm). Old wound in left anterior carapace (2cm x 5cm). Soft plastron. Sex determination made from tail length. Turtle was transported to the Gumbo Limbo Nature Center by the FWC stranding coordinator.
12. DEAD (NON-CAUSAL MORTALITY). Stranding# RCW151227-01. Moderately decomposed juvenile green turtle recovered from permanent 5-inch barrier net in the morning. Large bite or gash on right side of head and neck. Turtle was too decomposed to necropsy.
13. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 7/25/11, 10/21/15 and 12/28/15.

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date
Captures	28	28	14	14	0	0	0	0	1	1	43	43
Causal Mortalities	0	0	0	0	0	0	0	0	0	0	0	0
Non-causal Mortalities	0	0	0	0	0	0	0	0	0	0	0	0
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	0	0	0	0	0	0	0	0	0	0	0	0
Fresh Scrapes	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date	Jan-15	Year to Date
None	3	3	3	3	0	0	0	0	0	0	6	6
Minor	25	25	9	9	0	0	0	0	1	1	35	35
Moderate	0	0	2	2	0	0	0	0	0	0	2	2
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	0.0%	14.3%	14.3%	N/A	N/A	N/A	N/A	0.0%	0.0%	4.7%	4.7%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date
Captures	28	56	26	40	0	0	0	0	2	3	56	99
Causal Mortalities	0	0	1	1	0	0	0	0	0	0	1	1
Non-causal Mortalities	0	0	0	0	0	0	0	0	0	0	0	0
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	1	1	0	0	0	0	0	0	0	0	1	1
Fresh Scrapes	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date	Feb-15	Year to Date
None	6	9	6	9	0	0	0	0	0	0	12	18
Minor	22	47	20	29	0	0	0	0	2	3	44	79
Moderate	0	0	0	2	0	0	0	0	0	0	0	2
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	0.0%	0.0%	5.0%	N/A	N/A	N/A	N/A	0.0%	0.0%	0.0%	2.0%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date
Captures	42	98	30	70	0	0	1	1	3	6	76	175
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	2	2	0	0	0	0	0	0	2	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	2	3	0	0	0	0	0	0	0	0	2	3
Fresh Scrapes	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date	Mar-15	Year to Date
None	0	9	0	9	0	0	0	0	0	0	0	18
Minor	0	47	0	29	0	0	0	0	0	3	0	79
Moderate	0	0	0	2	0	0	0	0	0	0	0	2
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	0.0%	0.0%	2.9%	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date
Captures	8	106	6	76	0	0	0	1	0	6	14	189
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	2	5	0	0	0	0	0	0	0	0	2	5
Fresh Scrapes	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date	Apr-15	Year to Date
None	4	13	2	11	0	0	0	0	0	0	6	24
Minor	3	50	4	33	0	0	0	0	0	3	7	86
Moderate	1	1	0	2	0	0	0	0	0	0	1	3
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	12.5%	0.9%	0.0%	2.6%	N/A	N/A	N/A	0.0%	N/A	0.0%	7.1%	1.6%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date
Captures	19	125	6	82	0	0	1	2	0	6	26	215
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	0	5	0	0	0	0	0	0	0	0	0	5
Fresh Scrapes	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date	May-15	Year to Date
None	1	14	1	12	0	0	0	0	0	0	2	26
Minor	18	68	5	38	0	0	1	1	0	3	24	110
Moderate	0	1	0	2	0	0	0	0	0	0	0	3
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	0.8%	0.0%	2.4%	N/A	N/A	0.0%	0.0%	N/A	0.0%	0.0%	1.4%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date
Captures	43	168	4	86	0	0	0	2	0	6	47	262
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	1	6	0	0	0	0	0	0	0	0	1	6
Fresh Scrapes	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date	Jun-15	Year to Date
None	2	16	0	12	0	0	0	0	0	0	2	28
Minor	31	99	4	42	0	0	0	1	0	3	35	145
Moderate	10	11	0	2	0	0	0	0	0	0	10	13
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	23.3%	6.5%	0.0%	2.3%	N/A	N/A	N/A	0.0%	N/A	0.0%	21.3%	5.0%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date
Captures	35	203	12	98	0	0	0	2	1	7	48	310
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	2	8	0	0	0	0	0	0	0	0	2	8
Fresh Scrapes	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date	Jul-15	Year to Date
None	7	23	1	13	0	0	0	0	0	0	8	36
Minor	24	123	11	53	0	0	0	1	1	4	36	181
Moderate	4	15	0	2	0	0	0	0	0	0	4	17
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	11.4%	7.4%	0.0%	2.0%	N/A	N/A	N/A	0.0%	0.0%	0.0%	8.3%	5.5%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date
Captures	16	219	1	99	0	0	0	2	0	7	17	327
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	0	8	0	0	0	0	0	0	0	0	0	8
Fresh Scrapes	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date	Aug-15	Year to Date
None	4	27	0	13	0	0	0	0	0	0	4	40
Minor	12	135	1	54	0	0	0	1	0	4	13	194
Moderate	0	15	0	2	0	0	0	0	0	0	0	17
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	6.8%	0.0%	2.0%	N/A	N/A	N/A	0.0%	N/A	0.0%	0.0%	5.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date
Captures	7	226	2	101	0	0	0	2	0	7	9	336
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	1
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	1	9	0	0	0	0	0	0	0	0	1	9
Fresh Scrapes	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date	Sep-15	Year to Date
None	2	29	0	13	0	0	0	0	0	0	2	42
Minor	5	140	2	56	0	0	0	1	0	4	7	201
Moderate	0	15	0	2	0	0	0	0	0	0	0	17
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	6.6%	0.0%	2.0%	N/A	N/A	N/A	0.0%	N/A	0.0%	0.0%	5.1%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date
Captures	15	241	28	129	0	0	0	2	0	7	43	379
Causal Mortalities	0	0	2	3	0	0	0	0	0	0	2	3
Non-causal Mortalities	0	0	0	2	0	0	0	0	0	0	0	2
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	1	10	0	0	0	0	0	0	0	0	1	10
Fresh Scrapes	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date	Oct-15	Year to Date
None	2	31	7	20	0	0	0	0	0	0	9	51
Minor	12	152	20	76	0	0	0	1	0	4	32	233
Moderate	1	16	1	3	0	0	0	0	0	0	2	19
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	6.7%	6.6%	3.6%	2.3%	N/A	N/A	N/A	0.0%	N/A	0.0%	4.7%	5.0%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date
Captures	13	254	16	145	1	1	0	2	0	7	30	409
Causal Mortalities	0	0	0	1	0	0	0	0	0	0	0	3
Non-causal Mortalities	1	1	1	3	0	0	0	0	0	0	2	4
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	1	11	1	1	0	0	0	0	0	0	2	12
Fresh Scrapes	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date	Nov-15	Year to Date
None	2	33	2	22	1	1	0	0	0	0	5	56
Minor	11	163	13	89	0	0	0	1	0	4	24	257
Moderate	0	16	1	4	0	0	0	0	0	0	1	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	6.3%	6.3%	2.8%	0.0%	0.0%	N/A	0.0%	N/A	0.0%	3.3%	4.9%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date
Captures	21	275	35	180	0	1	0	2	0	7	56	465
Causal Mortalities	0	0	1	4	0	0	0	0	0	0	1	4
Non-causal Mortalities	0	1	1	4	0	0	0	0	0	0	1	5
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	3	14	2	3	0	0	0	0	0	0	5	17
Fresh Scrapes	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date	Dec-15	Year to Date
None	4	37	3	25	0	1	0	0	0	0	7	63
Minor	14	177	27	116	0	0	0	1	0	4	41	298
Moderate	3	19	5	9	0	0	0	0	0	0	8	28
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	14.3%	6.9%	14.3%	5.0%	N/A	0.0%	N/A	0.0%	N/A	0.0%	14.3%	6.0%

St Lucie Power Plant Causal Turtles		2001	2002	2003	2004	2005
Loggerhead	Total Captures	270	341	538	623	484
	Injuries	0	0	0	0	1
	Mortalities	1	0	0	1	0
Green	Total Captures	321	292	394	286	428
	Injuries	0	0	1	0	3
	Mortalities	4	2	1	1	1
Leatherback	Total Captures	2	0	4	2	0
	Injuries	0	0	0	0	0
	Mortalities	0	0	0	0	0
Kemp's Ridley	Total Captures	1	0	2	1	3
	Injuries	0	0	0	0	0
	Mortalities	0	0	0	0	0
Hawksbill	Total Captures	6	3	6	2	2
	Injuries	0	0	0	0	0
	Mortalities	0	0	0	0	0
Injury & Mortality Yearly Totals		5	2	2	2	5
Total Captures per Year		600	636	944	914	917

*The loggerhead causal injuries and mortalities in 2006 were all hatchlings.

**2014 is a partial year.

2006	2007	2008	2009	2010	2011	2012	2013	**2014
419	227	420	260	295	302	232	303	31
*3	0	1	1	0	0	1	1	0
*21	0	0	0	1	0	0	0	0
267	101	299	161	444	217	127	196	40
7	0	2	2	1	0	0	0	0
1	1	2	0	3	1	2	2	0
1	1	0	1	2	0	2	2	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
3	0	2	0	7	0	0	0	2
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	1	4	2	3	2	1	2	1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
32	1	5	3	5	1	3	3	0
692	330	725	424	751	521	362	503	74

Injury / Mortality Totals by Species
4,745
5
3
3,573
16
21
17
0
0
21
0
0
37
0
0
69
8,393

St Lucie Power Plant Canal Turtles	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Injury / Mortality Totals by Species
Loggerhead	Total Captures	341	535	623	484	419	427	420	260	495	802	232	303	275	4,996
	Injuries	0	0	0	1	13	0	1	1	0	0	1	1	0	5
	Mortalities	0	0	0	0	121	0	0	0	3	0	0	0	0	7
Green	Total Captures	292	393	285	428	267	311	299	163	444	212	127	196	134	3,326
	Injuries	0	1	0	3	7	0	2	2	1	0	0	0	0	16
	Mortalities	2	1	0	1	1	1	2	0	3	1	2	2	0	21
Leatherback	Total Captures	0	4	2	0	1	1	0	1	2	0	2	2	0	17
	Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mortalities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kemp's Ridley	Total Captures	0	2	1	0	3	0	2	0	7	0	0	0	2	27
	Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mortalities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawksbill	Total Captures	3	6	2	2	2	1	4	2	3	2	1	2	5	34
	Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Mortalities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Injury & Mortality Yearly Totals		2	2	0	42	1	5	3	5	1	3	3	0	4	68
Total Captures per Year		636	944	914	897	692	680	725	424	751	921	362	500	414	8,038

* The loggerhead causal injuries and mortalities in 2006 were all hatchlings.