

## NRR-DMPSPEm Resource

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**From:** Steve Weege <steveweege@gmail.com>  
**Sent:** Friday, February 09, 2018 11:17 AM  
**To:** Meghan Koperski  
**Cc:** Ed Hollowell; Jodie Gless; 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; Eaton, Kristin; Jonathan Gorham; William.Nurnberger@fpl.com; Audra Livergood - NOAA Federal  
**Subject:** [External\_Sender] January 2018 FPL Marine Turtle Removal Monthly Report  
**Attachments:** January 2018 Marine Turtle Captures.pdf; Monthly Report Notes 2018.pdf; FPL St. Lucie Capture Summary 2018.pdf; Power Plant Causal Turtles.pdf

Mrs. Meghan Koperski  
Tequesta Field Laboratory  
19100 SE Federal Highway  
Tequesta, FL 33469

**Subject: Marine Turtle Removal Monthly Summary  
January 2018**

Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for January 2018. This month we captured 41 *Caretta caretta*, 142 *Chelonia mydas*, and nine *Lepidochelys kempii* in the intake canal of the St. Lucie power plant on Hutchinson Island. The capture of nine Kemp's ridleys resulted in the power plant exceeding the take limit established by the most recent Biological Opinion as set forth by the National Marine Fisheries Service (NMFS). Five sea turtles were sent for rehabilitation and there were five mortalities (4 causal, 1 non-causal) during the month of January. As with all sea turtle strandings at the Saint Lucie Plant (alive or dead), the Florida Fish and Wildlife Conservation Commission (FWC) was consulted and strandings forms were filed with the state through the Sea Turtle Stranding and Salvage Network.

The incidental take limit established by the 2016 Biological Opinion set forth by NMFS is eight non-lethal captures (take) of Kemp's ridley sea turtles per calendar year. This month alone, we captured nine Kemp's ridleys. Even though all of the turtles were in good condition and released, FPL has nevertheless exceeded its take limit and must reinitiate a section 7 consultation with the NMFS.

Three loggerhead and two green turtles were sent to rehabilitation facilities for non-causal injuries this month. Two lethargic and underweight subadult loggerheads were proactively removed from the intake canal. Both were transported to Loggerhead Marinelife Center (LMC) in Juno Beach for rehabilitation. A juvenile loggerhead was removed from the 5-inch barrier net that had a large healing injury to its carapace and a fishing hook imbedded in its throat. Inwater Research Group (IRG) biologists took the turtle to LMC where it remained overnight. The next day, it was transferred to the Gumbo Limbo Nature Center (GLNC) in Boca Raton. A lethargic juvenile green turtle was dip-netted after entrainment into the canal. After consultation with FWC, an LMC volunteer picked up and transported the turtle to their facility for rehab. A juvenile green was dip-netted with an old crack in its anterior carapace. A GLNC volunteer transported the turtle to their facility in Boca Raton for rehab. All five turtles that were sent to rehab were considered non-causal.

There was one non-causal mortality this month. A severely decomposed juvenile green turtle was found on the 5-inch barrier net by Underwater Engineering Services (UESI) divers. Most of the flippers were missing and the scutes were sloughing off; the turtle was too decomposed for necropsy. The turtle was buried after consultation with FWC. Although the cause of death could not be ascertained, the animal was regarded to have been entrained postmortem and was thereby considered non-causal.

There were four causal mortalities this month. All were juvenile green turtles recovered by UESI divers below the water's surface on the 8-inch A-1-A net. Only one was fresh dead and could be necropsied; the necropsy findings were consistent with a causal drowning. The other turtles were in advanced states of decomposition. The consensus is that

turtles are most likely alive at the time when they that pass through the 5-inch barrier net; therefore, these decomposed turtles were deemed causal.

UESI continued to inspect the A-1-A barrier net weekly until mid-month, at which point they began working around the clock to prepare for the installation of the new 5-inch barrier net (expected completion in February). The 8-inch A-1-A net was frequently inspected and the 5-inch overlay that had been attached to the A-1-A barrier net in October of last year was removed. Furthermore, IRG also began 24-hour surveillance of the intake canal and redoubled efforts to proactively remove turtles. Two john boats were used to dip net turtles at the barrier net both day and night. Of the 192 turtles captured this month, 133 were proactively removed. In addition, IRG continued to inspect the entire length of the intake canal (up to the security barrier) at least twice daily for turtles that may have made it past the primary or secondary barrier nets. The area between the 5-inch and 8-inch barrier nets was also monitored periodically with a small john boat.

The primary 5-inch barrier net encountered negligible amounts of algae and jellyfish during the month. Four turtles were recovered between the first two barrier nets this month (the four turtles that were removed from the 8-inch A-1-A barrier net by UESI divers). No turtles were observed west of the secondary 8-inch barrier net or intake wells in January. 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 2018. In addition, this spreadsheet 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 2005.

Please feel free to contact me with any questions.

Sincerely,

Steve

Steve Weege

Sr. Environmental Specialist

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**Sent Date:** 2/9/2018 11:17:29 AM  
**Received Date:** 2/9/2018 11:17:40 AM  
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**Created By:** steveweege@gmail.com

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MESSAGE	5633	2/9/2018 11:17:40 AM
January 2018 Marine Turtle Captures.pdf		108654
Monthly Report Notes 2018.pdf	61343	

FPL St. Lucie Capture Summary 2018.pdf  
Power Plant Causal Turtles.pdf

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**MARINE TURTLE REMOVALS  
ST. LUCIE PLANT INTAKE CANAL  
JANUARY 2018**

<b>Date</b>	<b>Species</b>	<b>Note</b>	<b>Tag #'s</b>	<b>SMCL (cm)</b>	<b>SSCL (cm)</b>	<b>CSCL (cm)</b>	<b>CMCW (cm)</b>	<b>SMCW (cm)</b>	<b>SMPL (cm)</b>	<b>Weight (kg)</b>	<b>Method</b>
1/2/2018	<i>Chelonia mydas</i>	1	MMX173/MMX174	56.8	57.0	61.1	54.4	43.7	46.0	24.4	South net
1/3/2018	<i>Chelonia mydas</i>		982000402166095	24.5	24.7	25.5	22.3	19.4	20.5	1.8	Dip net
1/3/2018	<i>Caretta caretta</i>		MMX175/MMX176	52.9	53.8	57.0	57.0	47.8	42.2	24.2	North net
1/3/2018	<i>Chelonia mydas</i>	2	MMX177/MMX178	48.6	48.8	51.8	44.4	38.3	38.1	14.8	North net
1/3/2018	<i>Chelonia mydas</i>	3	MMX177/MMX178	48.6	48.8	51.8	44.4	38.3	38.1	14.8	North net
1/3/2018	<i>Chelonia mydas</i>		MMX179/MMX180	43.0	43.3	46.0	40.2	35.1	35.2	10.5	North net
1/3/2018	<i>Chelonia mydas</i>	4	MMX181/MMX182	53.2	53.2	56.5	51.2	42.4	43.5	21.7	North net
1/3/2018	<i>Chelonia mydas</i>		MMX183	28.2	28.5	30.1	26.1	22.5	23.8	3.4	North net
1/4/2018	<i>Chelonia mydas</i>		MMX184/MMX185	67.4	67.5	72.3	62.8	53.5	55.1	40.2	North net
1/4/2018	<i>Caretta caretta</i>		MMX186/MMX187	70.0	72.2	77.5	72.0	58.1	55.4	51.4	South net
1/4/2018	<i>Chelonia mydas</i>		MMX188	25.2	25.6	26.8	21.9	19.3	21.4	2.1	Dip net
1/4/2018	<i>Chelonia mydas</i>		MMX189	26.5	27.2	29.5	26.3	23.6	23.8	3.1	Dip net
1/4/2018	<i>Chelonia mydas</i>	5	STW180104-01	27.5	27.8	29.6	23.4	21.2	22.4	2.2	Between barrier nets
1/5/2018	<i>Chelonia mydas</i>		MMX190/MMX191	47.3	47.7	51.0	42.3	36.0	39.9	13.5	North net
1/5/2018	<i>Chelonia mydas</i>		MMX192	26.2	28.6	30.0	25.1	22.1	23.6	2.8	Barrier net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/5/2018	<i>Caretta caretta</i>		MMX193/MMX194	65.2	65.9	71.2	67.1	53.5	49.8	36.1	South net
1/5/2018	<i>Chelonia mydas</i>		MMX195	25.0	25.1	26.6	22.1	20.1	20.4	2.0	Dip net
1/6/2018	<i>Chelonia mydas</i>		MMX196/MMX197	51.9	52.1	56.4	50.4	41.3	42.3	19.0	North net
1/6/2018	<i>Chelonia mydas</i>		MMX198	28.5	29.0	30.0	26.1	23.3	24.7	3.2	Dip net
1/7/2018	<i>Chelonia mydas</i>		MMX199	29.2	29.6	30.9	25.3	23.0	24.4	3.3	Barrier net
1/7/2018	<i>Chelonia mydas</i>		MMX200	31.1	31.3	32.3	28.0	25.6	25.7	3.7	Dip net
1/8/2018	<i>Caretta caretta</i>		MMX201/MMX202	62.3	63.5	68.0	64.9	51.7	48.5	31.8	North net
1/8/2018	<i>Chelonia mydas</i>		MMX203/MMX204	43.1	43.7	46.3	41.5	35.1	33.6	11.0	South net
1/9/2018	<i>Chelonia mydas</i>	6	MMX036	51.9	52.4	56.5	49.0	39.9	42.5	17.9	Dip net
1/9/2018	<i>Caretta caretta</i>		MMX205/MMX206	69.8	70.9	77.0	73.2	58.2	55.0	49.8	South net
1/9/2018	<i>Chelonia mydas</i>		MMX207/MMX208	46.3	47.0	50.3	43.6	37.0	37.8	13.9	Dip net
1/9/2018	<i>Chelonia mydas</i>		MMX209/MMX210	28.9	29.2	31.5	27.5	24.3	23.5	3.7	Dip net
1/9/2018	<i>Chelonia mydas</i>		MMX211	27.2	27.9	29.4	26.3	22.6	23.0	3.1	Hand capture
1/9/2018	<i>Chelonia mydas</i>		MMX212	26.6	26.9	29.0	26.5	24.0	22.7	3.0	Dip net
1/9/2018	<i>Chelonia mydas</i>	7	MMX213/MMX214	53.1	53.5	56.7	47.7	40.3	43.7	18.1	Dip net
1/9/2018	<i>Chelonia mydas</i>		MMX215/MMX216	31.5	31.5	33.9	28.7	24.6	26.4	4.3	Dip net
1/10/2018	<i>Caretta caretta</i>	8	LLS554/MMX223	69.9	71.9	77.1	72.7	56.1	52.0	45.4	North net
1/10/2018	<i>Caretta caretta</i>		MMX217/MMX218	60.1	60.9	66.0	64.1	49.5	47.4	29.5	Dip net
1/10/2018	<i>Caretta caretta</i>	9	MMX217/MMX218	61.0	61.6	65.4	64.5	50.4	48.4	28.9	Dip net
1/10/2018	<i>Chelonia mydas</i>		MMX219/MMX220	43.1	43.9	46.6	41.5	35.8	35.2	10.8	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/10/2018	<i>Chelonia mydas</i>		MMX221/MMX222	36.6	36.9	40.5	32.0	27.2	28.7	6.5	Dip net
1/10/2018	<i>Chelonia mydas</i>		MMX224/MMX225	71.6	72.2	77.0	66.4	53.7	58.3	50.3	Dip net
1/10/2018	<i>Chelonia mydas</i>		MMX226/MMX227	32.8	32.9	36.0	28.9	24.5	27.2	4.2	Dip net
1/10/2018	<i>Chelonia mydas</i>	10	MMX228/MMX229	61.5	62.0	67.1	59.0	50.4	52.6	31.7	South net
1/12/2018	<i>Chelonia mydas</i>		MMX230/MMX231	61.9	62.5	66.2	56.9	47.3	51.8	29.4	North net
1/12/2018	<i>Caretta caretta</i>		MMX232/MMX233	73.7	73.7	78.5	77.6	61.6	58.1	57.1	South net
1/14/2018	<i>Caretta caretta</i>	11	CRM180114-01	69.5	70.4	77.1	75.6	59.1	53.2	42.0	Barrier net
1/16/2018	<i>Caretta caretta</i>	12	422E742232	77.9	78.3	81.6	76.7	60.0	55.7	66.2	South net
1/16/2018	<i>Chelonia mydas</i>	13	MMX234	30.7	30.9	34.0	28.7	25.0	25.7	3.9	South net
1/16/2018	<i>Caretta caretta</i>		MMX235/MMX236	76.7	77.2	84.8	74.7	60.5	58.9	56.3	South net
1/16/2018	<i>Chelonia mydas</i>	14	MMX237/MMX238	46.0	47.0	50.9	45.0	38.3	38.9	11.5	South net
1/16/2018	<i>Caretta caretta</i>	15	MMX239/MMX240	57.8	59.3	63.1	61.4	52.4	47.2	28.3	Barrier net
1/16/2018	<i>Caretta caretta</i>		MMX241/MMX242	58.2	59.4	63.7	61.0	50.0	44.2	26.1	South net
1/17/2018	<i>Caretta caretta</i>		MMX243/MMX244	67.0	71.0	75.6	74.6	59.9	56.5	48.3	Barrier net
1/17/2018	<i>Chelonia mydas</i>		MMX245/MMX246	47.5	47.9	50.8	44.1	39.1	40.4	14.5	North net
1/17/2018	<i>Chelonia mydas</i>		MMX247/MMX248	57.4	57.6	60.7	54.4	44.5	48.1	23.6	North net
1/17/2018	<i>Chelonia mydas</i>		MMX249/MMX250	54.6	55.0	58.1	51.9	42.6	45.2	22.0	North net
1/17/2018	<i>Chelonia mydas</i>		MMX251	27.6	27.9	29.0	25.6	22.3	23.0	2.6	Barrier net
1/17/2018	<i>Chelonia mydas</i>		MMX252/MMX253	30.9	31.2	33.1	28.3	25.0	25.5	4.0	Hand capture
1/18/2018	<i>Caretta caretta</i>		MMX254/MMX255	59.4	60.3	64.7	62.2	52.0	47.4	34.3	North net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCl (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/18/2018	<i>Chelonia mydas</i>		MMX256/MMX257	56.6	57.5	60.0	54.6	44.6	46.3	24.3	South net
1/18/2018	<i>Chelonia mydas</i>		MMX258/MMX259	45.5	45.8	49.2	42.0	36.1	38.1	12.1	South net
1/18/2018	<i>Chelonia mydas</i>		MMX260	54.4	55.3	58.4	52.6	44.6	46.4	22.0	Barrier net
1/18/2018	<i>Chelonia mydas</i>		MMX261/MMX262	65.7	66.1	71.1	59.1	49.7	54.8	36.2	Dip net
1/18/2018	<i>Chelonia mydas</i>		MMX263/MMX264	32.9	33.0	34.5	27.9	25.3	26.9	4.3	Dip net
1/18/2018	<i>Chelonia mydas</i>		MMX265/MMX266	29.5	30.0	31.0	26.5	32.5	25.4	3.5	Dip net
1/18/2018	<i>Chelonia mydas</i>		MMX267	29.5	29.9	31.1	27.1	24.4	24.4	3.4	Dip net
1/18/2018	<i>Chelonia mydas</i>		MMX268/MMX269	53.9	54.1	58.5	48.4	41.6	45.7	20.2	Dip net
1/18/2018	<i>Chelonia mydas</i>	16	STW180118-01	27.8	27.9	30.6	26.7	22.2	23.7	2.3	Between barrier nets
1/18/2018	<i>Chelonia mydas</i>	17	STW180118-02	24.4	25.2	27.1	23.6	20.5			Between barrier nets
1/19/2018	<i>Chelonia mydas</i>		MMX270	27.9	28.2	29.5	25.6	23.6	22.2	2.8	Barrier net
1/19/2018	<i>Chelonia mydas</i>		MMX271/MMX272	34.0	34.3	36.1	32.0	28.2	28.6	5.2	Barrier net
1/19/2018	<i>Chelonia mydas</i>		MMX273/MMX274	49.6	50.0	53.0	48.6	40.0	41.8	15.9	South net
1/19/2018	<i>Chelonia mydas</i>		MMX275/MMX276	50.2	50.5	54.0	47.1	39.3	41.9	16.3	South net
1/19/2018	<i>Chelonia mydas</i>		MMX277/MMX278	43.7	44.1	47.5	39.4	33.8	35.6	11.6	South net
1/19/2018	<i>Chelonia mydas</i>		MMX279/MMX280	63.6	64.0	67.7	58.5	48.1	51.8	31.5	South net
1/19/2018	<i>Chelonia mydas</i>	18	MMX281/MMX282	38.1	38.3	41.0	34.5	28.7	32.0	7.6	North net
1/19/2018	<i>Caretta caretta</i>		MMX283/MMX284	66.3	67.5	75.2	70.5	53.9	51.4	43.6	Dip net
1/19/2018	<i>Caretta caretta</i>		MMX285/MMX286	58.6	59.3	63.5	61.3	48.1	45.2	27.1	North net
1/19/2018	<i>Chelonia mydas</i>		MMX287/MMX288	40.5	41.1	43.5	36.4	32.0	33.1	8.7	North net



Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/19/2018	<i>Chelonia mydas</i>		MMX289	27.3	28.1	30.0	28.0	22.8	23.4	2.9	Dip net
1/19/2018	<i>Chelonia mydas</i>		MMX290	26.2	26.5	27.7	23.5	21.3	21.2	2.6	Dip net
1/20/2018	<i>Chelonia mydas</i>		982000402163075	27.3	27.7	29.0	25.0	21.8	23.1	2.7	Dip net
1/20/2018	<i>Chelonia mydas</i>	19	JRG180120-01	26.2	26.3	27.6	24.4	21.0	21.1	1.7	Between barrier nets
1/20/2018	<i>Chelonia mydas</i>	20	MMX022/MMX023	47.6	47.9	50.6	45.1	37.3	39.0	13.6	Dip net
1/20/2018	<i>Chelonia mydas</i>	21	MMX207/MMX208	46.8	47.5	50.3	43.4	37.4	38.2	13.9	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX291/MMX292	39.0	39.4	41.1	36.2	32.0	32.2	7.1	Dip net
1/20/2018	<i>Chelonia mydas</i>	22	MMX293/MMX294	36.5	37.3	41.1	34.5	29.7	31.5	6.3	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX295	28.2	28.7	30.0	25.3	22.7	24.0	2.9	Hand capture
1/20/2018	<i>Chelonia mydas</i>		MMX296/MMX297	30.9	31.2	32.7	27.5	25.6	26.0	3.8	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX298	27.6	27.9	28.4	23.5	20.4	23.3	2.2	Hand capture
1/20/2018	<i>Chelonia mydas</i>		MMX299/MMX300	48.5	48.8	52.4	48.9	40.0	40.4	16.3	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX301/MMX302	50.5	51.9	55.5	51.1	42.2	41.1	19.1	Dip net
1/20/2018	<i>Caretta caretta</i>		MMX303/MMX304	58.5	60.1	63.8	65.7	52.1	47.0	32.0	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX306/MMX307	48.2	48.8	51.5	44.0	38.0	39.2	14.3	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX308	27.4	27.9	29.6	25.5	22.5	23.3	2.7	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX309/MMX310	36.0	36.6	38.3	32.8	28.3	28.7	6.4	Dip net
1/20/2018	<i>Chelonia mydas</i>	23	MMX311/MMX312	39.3	39.6	41.6	35.6	30.7	32.6	6.9	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX313/MMX314	50.6	51.1	54.7	46.0	39.9	42.1	15.5	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX315	27.4	27.7	29.5	26.7	24.0	23.0	3.0	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/20/2018	<i>Chelonia mydas</i>		MMX316/MMX317	31.7	32.3	33.7	28.0	25.3	27.1	4.1	Dip net
1/20/2018	<i>Chelonia mydas</i>	24	MMX318/MMX319	61.5	62.2	65.7	59.5	46.6	50.9	31.1	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX320/MMX321	64.1	65.1	69.1	59.7	52.7	52.8	33.3	Dip net
1/20/2018	<i>Chelonia mydas</i>	25	MMX322/MMX323	59.8	60.4	62.6	60.6	47.7	48.6	30.2	Dip net
1/20/2018	<i>Caretta caretta</i>		MMX324/MMX325	65.0	66.5	72.5	69.7	56.6	51.5	41.4	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX326	26.4	26.5	27.5	22.7	20.8	21.2	2.2	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX327	27.6	27.9	29.2	25.3	22.0	22.9	2.6	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX328	29.0	29.5	30.8	26.7	23.8	24.4	3.5	Dip net
1/20/2018	<i>Chelonia mydas</i>		MMX329/MMX330	45.0	45.4	49.1	41.8	35.8	38.6	12.9	Dip net
1/20/2018	<i>Chelonia mydas</i>	26	MMX331/MMX332	61.2	61.5	65.2	55.9	49.1	51.2	29.8	Dip net
1/20/2018	<i>Chelonia mydas</i>	27	RCW180120-01	30.1	30.4	31.6	27.1	23.6	24.5	3.4	Dip net
1/21/2018	<i>Chelonia mydas</i>		982000402163860	24.0	24.3	26.1	21.3	19.2	19.8	1.8	Barrier net
1/21/2018	<i>Chelonia mydas</i>	28	MML477/MML478	51.3	51.4	54.6	49.6	41.4	43.6	17.1	Dip net
1/21/2018	<i>Chelonia mydas</i>	29	MMX062/MMX063	63.6	64.0	68.4	59.3	50.3	52.1	33.0	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX333	27.4	27.9	29.3	26.1	21.8	23.3	2.7	Dip net
1/21/2018	<i>Chelonia mydas</i>	30	MMX334/MMX335	48.0	48.4	54.3	45.1	39.1	41.0	14.6	Dip net
1/21/2018	<i>Caretta caretta</i>	31	MMX336/MMX337	81.0	84.0	91.6	79.2	62.4	63.0	73.8	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX338	27.6	28.0	29.5	24.3	21.4	23.8	2.7	Dip net
1/21/2018	<i>Chelonia mydas</i>	32	MMX339/MMX340	45.6	45.6	47.7	42.8	36.7	37.9	13.2	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX341/MMX342	74.8	75.5	79.8	70.4	58.3	59.7	51.2	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/21/2018	<i>Chelonia mydas</i>		MMX343	26.4	26.8	28.3	25.2	22.3	22.5	2.7	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX344	28.2	28.4	30.5	25.7	22.4	23.8	2.9	Dip net
1/21/2018	<i>Chelonia mydas</i>	33	MMX345/MMX346	34.5	34.6	37.5	33.0	28.2	28.2	5.3	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX347/MMX348	45.2	45.5	49.1	44.3	37.4	37.6	12.5	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX349/MMX350	56.3	57.3	60.7	53.6	43.0	45.8	22.5	Dip net
1/21/2018	<i>Chelonia mydas</i>		MMX351/MMX352	59.5	60.2	63.4	52.5	46.4	48.5	23.8	Dip net
1/22/2018	<i>Chelonia mydas</i>	34	982000402163860	24.0	24.3	26.1	21.3	19.2	19.8	1.8	Hand capture
1/22/2018	<i>Chelonia mydas</i>		MMX353/MMX354	34.1	34.6	37.5	31.2	27.5	28.5	4.8	Dip net
1/22/2018	<i>Caretta caretta</i>		MMX355/MMX356	59.0	59.6	65.4	62.9	49.4	47.1	32.5	Dip net
1/22/2018	<i>Caretta caretta</i>		MMX357/MMX358	62.8	64.4	70.0	67.4	64.2	50.1	41.7	Dip net
1/22/2018	<i>Caretta caretta</i>	35	MMX359	98.0	100.1	106.5	97.4	74.3	75.7	128.0	Dip net
1/22/2018	<i>Chelonia mydas</i>		MMX360	26.4	27.1	27.7	24.8	21.8	22.6	2.6	Dip net
1/22/2018	<i>Lepidochelys kempii</i>		MMX361/MMX362	48.1	49.8	51.9	48.3	44.7	38.3	15.3	Dip net
1/22/2018	<i>Chelonia mydas</i>		MMX363/MMX364	30.6	30.9	34.2	30.0	26.0	25.2	3.8	Dip net
1/22/2018	<i>Chelonia mydas</i>		MMX365/MMX366	57.5	58.5	63.0	56.2	46.0	48.8	25.1	Dip net
1/22/2018	<i>Caretta caretta</i>		MMX367/MMX368	64.1	65.3	70.5	67.3	53.7	50.0	37.2	Dip net
1/22/2018	<i>Chelonia mydas</i>		MMX369	27.2	27.5	29.0	24.7	21.5	23.4	2.8	Hand capture
1/22/2018	<i>Caretta caretta</i>		MMX370/MMX371	61.4	62.3	70.2	66.3	56.1	49.3	40.5	Dip net
1/22/2018	<i>Caretta caretta</i>		MMX372/MMX373	65.3	66.5	71.5	68.8	53.9	50.7	39.9	Dip net
1/22/2018	<i>Chelonia mydas</i>		MMX374/MMX375	49.4	50.5	54.0	48.7	40.5	42.0	17.5	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/22/2018	<i>Chelonia mydas</i>		MMX376/MMX377	59.5	59.8	64.5	58.4	47.6	47.6	29.0	Dip net
1/22/2018	<i>Caretta caretta</i>		MMX378/MMX379	65.2	67.1	72.7	67.5	54.4	52.7	44.4	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX380/MMX381	54.3	55.3	59.4	57.8	47.7	42.6	28.0	Dip net
1/23/2018	<i>Lepidochelys kempii</i>		MMX382/MMX383	44.3	45.5	48.3	51.4	44.4	34.6	12.6	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX384/MMX385	46.6	48.0	52.5	54.4	44.7	37.1	19.6	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX386/MMX387	62.5	63.8	69.9	68.5	53.7	50.1	40.4	Dip net
1/23/2018	<i>Lepidochelys kempii</i>		MMX388/MMX389	49.5	50.3	53.3	56.1	50.4	39.3	17.4	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX390/MMX391	69.2	70.3	76.3	70.6	58.5	55.0	49.2	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX392/MMX393	62.4	63.4	69.1	67.7	54.4	47.6	37.1	Dip net
1/23/2018	<i>Caretta caretta</i>		MMX394/MMX395	80.3	81.6	88.2	82.0	61.6	63.4	72.0	Dip net
1/23/2018	<i>Lepidochelys kempii</i>		MMX396/MMX397	43.8	44.2	49.6	45.9	43.8	33.8	11.7	Dip net
1/23/2018	<i>Chelonia mydas</i>		MMX398/MMX399	38.7	39.1	45.7	35.1	31.2	31.9	7.4	Dip net
1/24/2018	<i>Lepidochelys kempii</i>		MMX400/MMX426	43.5	43.9	45.4	47.4	43.2	34.6	11.3	Dip net
1/24/2018	<i>Lepidochelys kempii</i>		MMX427/MMX428	52.0	53.2	54.9	56.1	51.0	41.3	20.5	Dip net
1/24/2018	<i>Chelonia mydas</i>		MMX429/MMX430	60.2	60.6	63.7	55.9	48.7	50.1	27.0	Dip net
1/24/2018	<i>Lepidochelys kempii</i>		MMX431/MMX432	51.7	52.1	53.5	60.3	55.5	39.4	19.6	Dip net
1/24/2018	<i>Chelonia mydas</i>		MMX433/MMX434	33.2	34.0	36.1	33.1	26.4	28.1	5.2	Dip net
1/24/2018	<i>Chelonia mydas</i>		MMX436	27.8	27.9	29.7	25.8	23.3	22.5	3.0	Dip net
1/25/2018	<i>Caretta caretta</i>		MMX435/MMX437	54.5	60.8	65.5	73.7	58.3	53.0	43.3	Dip net
1/25/2018	<i>Chelonia mydas</i>		MMX438/MMX439	40.4	40.7	43.1	36.8	32.5	33.2	8.3	Dip net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/25/2018	<i>Caretta caretta</i>	36	YYY240	70.7	73.6	79.6	74.5	59.4	55.7	52.4	Dip net
1/26/2018	<i>Chelonia mydas</i>	37	MMX440/MMX441	71.0	72.2	77.4	65.9	54.1	60.9	48.2	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX442	29.0	29.5	31.1	26.5	23.1	24.9	3.1	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX443	27.9	28.3	29.5	24.8	22.9	23.6	2.8	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX444/MMX445	54.6	54.8	57.1	51.7	42.7	44.0	19.3	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX446/MMX447	59.0	59.5	64.0	56.2	47.6	49.0	26.7	Dip net
1/26/2018	<i>Chelonia mydas</i>	38	MMX448/MMX449	55.6	55.7	58.8	51.2	43.4	46.9	23.7	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX450	26.1	26.3	28.1	23.3	20.8	21.9	2.5	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX451	27.8	27.9	29.4	25.1	23.3	24.3	3.1	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX452	26.6	26.6	28.5	24.0	20.7	22.3	2.6	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX453	28.1	28.7	31.2	26.2	23.5	23.1	3.1	Dip net
1/26/2018	<i>Chelonia mydas</i>	39	MMX454	35.9	36.3	39.1	32.5	28.0	29.6	5.4	Dip net
1/26/2018	<i>Chelonia mydas</i>		MMX475	27.7	28.0	29.8	26.5	23.3	23.3	3.2	Dip net
1/27/2018	<i>Chelonia mydas</i>		982000402163712	24.7	24.9	26.0	22.3	20.0	20.7	1.8	Dip net
1/27/2018	<i>Chelonia mydas</i>		MMX455/MMX456	62.1	62.8	66.1	59.8	49.3	52.2	30.4	Dip net
1/27/2018	<i>Chelonia mydas</i>	40	MMX457/MMX458	57.7	57.8	63.0	55.8	46.3	47.0	24.2	Dip net
1/27/2018	<i>Chelonia mydas</i>	41	RCW180127-01	23.8	24.2	25.9	21.1	18.9	20.0	1.7	Dip net
1/28/2018	<i>Chelonia mydas</i>		MMX459/MMX460	32.4	32.8	34.3	29.4	26.9	26.8	4.3	Dip net
1/28/2018	<i>Caretta caretta</i>		MMX461/MMX462	64.5	65.5	71.7	67.2	52.9	49.5	36.9	Dip net
1/29/2018	<i>Chelonia mydas</i>	42	4A5A473052	50.8	50.1	54.5	47.5	39.5	43.5	17.5	South net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCl (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/29/2018	<i>Chelonia mydas</i>	43	CRM180129-01		25.0			22.0		2.6	Barrier net
1/29/2018	<i>Caretta caretta</i>		MMX463/MMX464	63.5	64.5	69.7	66.8	53.3	49.3	38.2	Dip net
1/30/2018	<i>Lepidochelys kempii</i>		MMX465/MMX466	47.4	48.1	50.2	52.3	46.2	36.7	13.3	South net
1/30/2018	<i>Caretta caretta</i>	44	MMX467/MMX468	65.9	66.8	71.0	69.2	54.7	50.2	38.1	Dip net
1/30/2018	<i>Caretta caretta</i>		MMX467/MMX468	65.9	66.8	71.0	69.2	54.7	50.2	38.1	Dip net
1/30/2018	<i>Lepidochelys kempii</i>		MMX469/MMX470	54.6	55.5	58.3	58.8	53.8	42.9	20.5	North net
1/30/2018	<i>Chelonia mydas</i>		MMX471/MMX472	58.6	59.5	63.7	51.9	43.1	49.0	25.3	North net
1/30/2018	<i>Chelonia mydas</i>		MMX473	27.2	28.0	29.0	25.8	22.9	23.0	2.7	Dip net
1/30/2018	<i>Chelonia mydas</i>	45	MMX474/MMX476	48.5	49.1	52.6	47.4	40.5	40.3	14.8	Dip net
1/31/2018	<i>Chelonia mydas</i>	46	MMX478/MMX479	45.5	45.7	49.8	43.0	36.8	36.0	11.7	Dip net
1/31/2018	<i>Chelonia mydas</i>		MMX480/MMX481	47.2	47.2	50.1	43.3	36.0	37.7	14.2	South net
1/31/2018	<i>Chelonia mydas</i>	47	MMX482/MMX483	40.8	41.5	45.4	37.9	31.2	33.0	9.1	South net
1/31/2018	<i>Chelonia mydas</i>		MMX484	25.2	25.5	26.8	23.5	20.8	21.0	2.1	Dip net
1/31/2018	<i>Caretta caretta</i>		MMX485/MMX486	62.2	63.9	68.6	67.8	56.3	57.0	38.3	South net
1/31/2018	<i>Chelonia mydas</i>		MMX487	28.7	28.8	30.5	25.3	22.7	23.3	2.9	Dip net
1/31/2018	<i>Chelonia mydas</i>	48	MMX488/MMX489	36.0	36.8	40.0	33.8	29.7	29.7	6.3	Dip net
1/31/2018	<i>Chelonia mydas</i>	49	MMX490/MMX491	51.7	52.0	55.8	51.0	40.5	42.6	18.8	Dip net

## NOTES

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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, 3/1/15, 12/23/15, 1/30/16, 6/2/16, 1/5/17, 6/1/17, 9/27/17, and 1/2/18.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/11/16, 1/3/18, and a second time on 1/3/18. Turtle was captured twice in one day.
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/11/16 and 1/3/18.
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/14/11 and 1/3/18. Moderate fresh scrape in leading edge of right front flipper, just distal to humerus
5. DEAD (CAUSAL MORTALITY). Stranding# STW180104-01. Turtle found on 8-inch A-1-A barrier net by UESI (Underwater Engineering Services, Inc.) divers while performing a net inspection. The turtle was 5 feet down with its head resting between the mesh. Saltwater drained from the nares when recovered. Turtle presumably drowned. Cold front (water temperature was 67.1 degrees F). Held on ice for necropsy by Dr. Nancy Mettee, DVM. Necropsy findings were consistent with a causal drowning.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/28/10, 1/12/13, 12/22/14, 7/30/16, 10/21/17, and 1/9/18.
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/12/17 and 1/9/18.
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/6/14, 3/2/15, 6/2/16, 10/4/17, and 1/10/18.
9. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/10/18. Turtle was caught twice in the same day.
10. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 37).
11. REHAB (NON-CAUSAL). Stranding# CRM180114-01. Lethargic and underweight subadult loggerhead recovered from the permanent 5-inch barrier net in the morning. Inwater Research Group, Inc. (IRG) personnel transported the turtle to the Loggerhead Marinelifelife Center (LMC), Juno Beach for rehabilitation.
12. Adult male. Tail length = 468 mm. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/30/89, 9/6/90, 10/11/90, 10/15/90, 2/23/91, 8/10/92, 8/27/92, 9/21/92, 1/6/93, 6/8/93, 12/29/93, 3/22/94, 10/31/94, 3/17/95, 4/20/95, 2/7/96, 4/7/96, 7/11/96, 7/23/96, 7/29/96, 9/22/96, 10/9/96, 6/13/97, 5/15/98, 4/15/00, 6/13/00, 9/8/00, 11/19/00, 11/15/01, 9/16/02, 4/30/03, 11/24/03, 3/31/04, 9/15/04, 10/25/04, 8/10/05, 8/16/06, 4/30/08, 9/26/08, 8/19/09, 12/28/12, 4/17/13, 9/2/14, 10/7/17, 11/7/17, and 1/16/18.
13. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 32).
14. PAPILOMAS (Balazs Tumor Score = 3 {severe}, Total Tumor Score = 23).
15. REHAB (NON-CAUSAL). Stranding# RMC180116-01. Large 10cm x 16cm hole in right anterior carapace. Recreational fishing hook imbedded in throat. IRG personnel took the turtle to LMC where it remained overnight. It was transferred the following day to the Gumbo Limbo Nature Center in Boca Raton for rehab. Tags were applied prior to noticing injuries.
16. DEAD (CAUSAL MORTALITY). Stranding# STW180118-01. Moderately decomposed juvenile green turtle found on 8-inch A-1-A barrier net by UESI divers while performing a net inspection. Scutes sloughing. No wounds or abnormalities.
17. DEAD (CAUSAL MORTALITY). Stranding# STW180118-02. Severely decomposed juvenile green turtle found on 8-inch A-1-A barrier net, below the water's surface by UESI divers while performing a net inspection. Head and flippers mostly rotted away.
18. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 17).
19. DEAD (CAUSAL MORTALITY). Stranding# JRG180120-01. Moderately decomposed juvenile green turtle found on 8-inch A-1-A barrier net by UESI divers as part of overnight monitoring activities. .
20. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/22/13, 1/25/14, 12/3/15, 2/28/16, 8/6/16, 10/19/17, and 1/20/18.
21. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/9/18 and 1/20/18.

22. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 25).
23. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 26).
24. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/13/04, 4/11/08, 5/5/08, 9/25/08, 10/12/08, 7/12/10, 12/6/10, 9/10/11, 11/1/11, 1/9/12, 5/10/13, 9/5/13, 4/10/17, and 1/20/18. New Inconel tags applied on this capture event.
25. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 7/10/02, 9/27/03, 6/19/06, 7/8/06, 8/16/06, 10/24/11, 5/24/13, 2/6/14, and 1/20/18. New Inconel tags applied on this capture event.
26. 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, 3/11/15, 1/3/16, 1/20/17, and 1/20/18.
27. REHAB (NON-CAUSAL). Stranding# RCW180120-01. Juvenile green turtle seen struggling at the surface after entrapment. The animal was lethargic and was easily dip-netted. After consultation with the Florida Fish and Wildlife Conservation Commission (FWC), an LMC volunteer picked up and transported the turtle to their facility for rehab.
28. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/19/08, 6/28/13, 5/25/14, 2/12/16, 6/17/17, 9/19/17, 10/16/17, and 1/21/18.
29. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/17/08, 11/26/11, 10/8/13, 10/25/17, 12/13/17, and 1/21/18.
30. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 34).
31. PAPILOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 1). Shark rake marks in plastron.
32. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/5/13 and 1/21/18.
33. PAPILOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 1).
34. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/21/18 and 1/22/18.
35. Adult female. Tail length = 260 mm. Turtle missing 70% of right front flipper, mostly healed (possible old entanglement injury).
36. REHAB (NON-CAUSAL). Stranding# JRG180125-01. Underweight and lethargic subadult loggerhead dip-netted in the intake canal. The turtle was taken to LMC by Ecological Associates, Inc. personnel. STRANGE TAG, originally captured by South Carolina Department of Natural Resources on 4/20/10.
37. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 8).
38. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/24/14, 1/8/16, and 1/26/18. New Inconel tags inserted on this capture event.
39. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 22).
40. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 86).
41. REHAB (NON-CAUSAL). Stranding# RCW180127-01. Body cavity exposed in anterior carapace from 3cm x 4cm open wound. Additional damage to marginals near right shoulder, pygals, tomium and nares. Gumbo Limbo Nature Center volunteer transported the turtle to their facility in Boca Raton for rehab.
42. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/4/08, 8/18/09, 9/15/09, 6/20/12, 10/3/12, 12/6/12, 3/22/13, 7/11/13, 9/3/14, 12/29/14, 1/14/16, 4/26/16, 6/17/17, 10/10/17 PAPILOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 1). No tags applied due to papilloma near tagging area.
43. DEAD (NON-CAUSAL MORTALITY). Stranding# CRM180129-01. Severely decomposed juvenile green turtle found on 5-inch primary barrier net by UESI divers. Turtle missing 75% of all flippers and part of head. Scutes sloughing. Too decomposed to necropsy.
44. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/30/18. Turtle was caught twice on this date.
45. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 33).
46. PAPILOMAS (Balazs Tumor Score = 3 {heavy}, Total Tumor Score = 17).
47. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 47).
48. PAPILOMAS (Balazs Tumor Score = 2 {moderate}, Total Tumor Score = 10).
49. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on



4/28/11, 9/19/13, 7/24/17, and 1/31/18.

*SMCL = Straight Minimum Carapace Length*

*SMCL = Straight Standard Carapace Length*

*CSCC = 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-18	Year to Date	Jan-18	Year to Date	Jan-18	Year to Date	Jan-18	Year to Date	Jan-18	Year to Date	Jan-18	Year to Date
Captures	41	41	142	142	0	0	0	0	9	9	192	192
Causal Mortalities	0	0	4	4	0	0	0	0	0	0	4	4
Non-causal Mortalities	0	0	1	1	0	0	0	0	0	0	1	1
Causal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Sent to rehab	3	3	2	2	0	0	0	0	0	0	5	5
Fresh Scrapes												
None	6	6	124	124	0	0	0	0	0	0	130	130
Minor	35	35	15	15	0	0	0	0	9	9	59	59
Moderate	0	0	3	3	0	0	0	0	0	0	3	3
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	0.0%	0.0%	2.1%	2.1%	N/A	N/A	N/A	N/A	0.0%	0.0%	1.6%	1.6%

St Lucie Power Plant Causal Turtles		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	**2018	Injury / Mortality Totals by Species	
Loggerhead	Total Captures	484	419	227	420	260	295	302	232	302	275	274	316	250	41	4,097	
	Injuries	1	*3	0	1	1	0	0	1	1	0	0	0	0	0	0	8
	Mortalities	0	*21	0	0	0	1	0	0	0	0	0	1	1	0	24	
Green	Total Captures	428	267	101	299	161	444	217	127	197	134	181	159	182	142	3,039	
	Injuries	3	7	0	2	2	1	0	0	0	0	0	0	1	0	16	
	Mortalities	1	1	1	2	0	3	1	2	2	0	4	0	3	4	24	
Leatherback	Total Captures	0	1	1	0	1	2	0	2	2	0	2	1	0	0	12	
	Injuries	0	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	0	
Kemp's Ridley	Total Captures	3	3	0	2	0	7	0	0	0	2	7	6	1	9	40	
	Injuries	0	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	0	
Hawksbill	Total Captures	2	2	1	4	2	3	2	1	2	3	1	4	2	0	29	
	Injuries	0	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	0	
Injury & Mortality Yearly Totals		5	32	1	5	3	5	1	3	3	0	4	1	5	4	72	
Total Captures per Year		917	692	330	725	424	751	521	362	503	414	465	486	435	192	7,217	

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

\*\*2018 is a partial year.