From:	Aaron Garstin <agarstin@inwater.org></agarstin@inwater.org>
Sent:	Monday, July 10, 2023 7:39 AM
То:	meghan.koperski@myfwc.com
Cc:	'Eldridge, Jodie'; MTP@myfwc.com; Michael Bresette;
	EndangeredSpecies Resource; SCO@dep.state.fl.us;
	Vince.Munne@fpl.com; Kristin.Eaton@fpl.com;
	William.Nurnberger@fpl.com; audra.livergood@noaa.gov; Cody Mott;
	Jeff Guertin; Ryan Welsh; Annessia Michaels; Andrea Fisher;
	Robert.Craven@fpl.com; Damon.Hobson@fpl.com;
	Andrew.McHenry@fpl.com; Timothy.Falkiewicz@fpl.com
Subject:	[External_Sender] June 2023 FPL Marine Turtle Removal Monthly Report
Attachments:	June 2023 Marine Turtle Captures.pdf; monthly report notes 2023.pdf; FPL St. Lucie Capture Summary 2023.pdf

Mrs. Meghan Koperski Tequesta Field Laboratory 19100 SE Federal Highway Tequesta, FL 33469 **Subject: Marine Turtle Removal Monthly Summary June 2023** Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for June 2023. This month we captured 102 *Caretta caretta*, 77 *Chelonia mydas*, and one *Lepidochelys kempii* in the intake canal of the St. Lucie power plant on Hutchinson Island. Two sea turtles were sent for rehabilitation (one causal, one non-causal), and there were no mortalities in June. As with all sea turtle strandings at the St. Lucie Plant, the Florida Fish and Wildlife Conservation Commission (FWC) was consulted, and stranding forms were filed with the state through the Sea Turtle Stranding and Salvage Network.

One sea turtle was sent to rehab for causal injuries this month. On June 11th, an adult female green was found with a 20 cm crack along the anterior carapace that was through bone tissue. This injury was old and reopened during entrainment and therefore has been classified as causal. This turtle was taken to Loggerhead Marinelife Center in Juno Beach for rehab and subsequently released on June 14th at Juno Beach.

One sea turtle was sent to rehab for non-causal injuries this month. On June 12th, a subadult green reported a positive result on a metal detector screening. This turtle was taken to Brevard Zoo for rehab. Because this injury was unrelated to the power plant, it was classified as a non-causal stranding.

The primary 5-inch barrier net encountered moderate-to-severe amounts of algae this past month. IRG performed around-the-clock monitoring of the intake canal and barrier net system either as warranted by sufficiently high debris intrusion levels or whenever directed by FPL oversight personnel. Furthermore, Underwater Engineering Services (UESI) divers inspected and cleaned the 5-inch barrier net as needed. Altogether, the primary barrier net has performed as designed and no turtles have been observed beyond the 5- inch net.

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 2023. In addition, this

spreadsheet tracks fresh scrapes incurred on captured turtles for the current month, as well as the entire year.

Please feel free to contact me with any questions.

Aaron Garstin Environmental Specialist Inwater Research Group, Inc. 4160 NE Hyline Dr. Jensen Beach, FL 34957 agarstin@inwater.org (201) 301-4563

Hearing Identifier:	NRR_DRMA
Email Number:	2154

Mail Envelope Properties (SJ0PR03MB68733274E360299E602028DDA330A)

Subject:	[External_Sender] June 2023 FPL Marine Turtle Removal Monthly Report
Sent Date:	7/10/2023 7:39:23 AM
Received Date:	7/10/2023 7:39:54 AM
From:	Aaron Garstin

Created By: agarstin@inwater.org

Recipients:

"'Eldridge, Jodie'" <Jodie.Eldridge@nexteraenergy.com> **Tracking Status: None** "MTP@myfwc.com" <MTP@myfwc.com> **Tracking Status: None** "Michael Bresette" <mbresette@inwater.org> Tracking Status: None "EndangeredSpecies Resource" <EndangeredSpecies.Resource@nrc.gov> Tracking Status: None "SCO@dep.state.fl.us" <SCO@dep.state.fl.us> **Tracking Status: None** "Vince.Munne@fpl.com" <Vince.Munne@fpl.com> **Tracking Status: None** "Kristin.Eaton@fpl.com" <Kristin.Eaton@fpl.com> **Tracking Status: None** "William.Nurnberger@fpl.com" <William.Nurnberger@fpl.com> **Tracking Status: None** "audra.livergood@noaa.gov" <audra.livergood@noaa.gov> **Tracking Status: None** "Cody Mott" <cmott@inwater.org> **Tracking Status: None** "Jeff Guertin" <jguertin@inwater.org> Tracking Status: None "Ryan Welsh" <rwelsh@inwater.org> Tracking Status: None "Annessia Michaels" <amichaels@inwater.org> **Tracking Status: None** "Andrea Fisher" <afisher@inwater.org> **Tracking Status: None** "Robert.Craven@fpl.com" <Robert.Craven@fpl.com> **Tracking Status: None** "Damon.Hobson@fpl.com" <Damon.Hobson@fpl.com> **Tracking Status: None** "Andrew.McHenry@fpl.com" <Andrew.McHenry@fpl.com> Tracking Status: None "Timothy.Falkiewicz@fpl.com" <Timothy.Falkiewicz@fpl.com> **Tracking Status: None** "meghan.koperski@myfwc.com" <meghan.koperski@myfwc.com> Tracking Status: None

Post Office: SJ0PR03MB6873.namprd03.prod.outlook.com

Files	Size
MESSAGE	2704
June 2023 Marine Turtle Cap	otures.pdf
monthly report notes 2023.pd	df
FPL St. Lucie Capture Sumn	nary 2023.pdf

Options	
Priority:	Normal
Return Notification:	No
Reply Requested:	No
Sensitivity:	Normal
Expiration Date:	

Date & Time

7/10/2023 7:39:54 AM 450961 201350

250637

MARINE TURTLE REMOVALS ST. LUCIE PLANT INTAKE CANAL

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
6/1/2023	Lepidochelys kempii		FFS335/FFS336	55.9	56.6	58.9	64.5	56.3	43.1	24.1	North net
6/1/2023	Caretta caretta	1	FFS337/FFS338	86.9	90.2	92.6	88.5	65.4	65.3	96.6	South net
6/1/2023	Caretta caretta		FFS339/FFS340	82.9	83.8	89.0	79.9	62.9	64.5	82.8	North net
6/1/2023	Caretta caretta	2	FFS342/FFS341	95.5	96.6	101.1	89.9	72.0	72.4	131.8	North net
6/1/2023	Caretta caretta		FFS343/FFS344	83.3	84.8	89.1	81.1	60.8	63.0	79.4	North net
6/1/2023	Caretta caretta	3	FFS345/FFS346	89.4	90.6	95.6	85.2	63.4	65.9	101.1	South net
6/1/2023	Caretta caretta	4	FFS347/FFS348	85.3	87.3	92.5	87.5	69.0	67.8	97.6	North net
6/1/2023	Caretta caretta		FFS349/FFS350	77.3	78.9	83.7	77.3	60.1	59.5	67.1	South net
6/1/2023	Caretta caretta		FFS351/FFS352	82.6	83.7	88.3	83.0	61.9	64.6	82.4	North net
6/1/2023	Chelonia mydas	5	FFS353/FFS354	97.7	98.2	103.5	90.5	70.3	80.0	127.5	North net
6/1/2023	Chelonia mydas	6	FFS355/FFS356	95.0	95.2	98.2	86.1	72.5	71.3	100.7	North net
6/1/2023	Caretta caretta	7	FFS357/FFS358	90.9	92.2	96.4	82.5	89.4	50.5	99.1	North net
6/1/2023	Caretta caretta	8	FFS359/FFS360	86.3	87.0	92.6	63.8	81.0	63.2	92.4	North net
6/1/2023	Chelonia mydas	9	FFS361/FFS362	106.4	107.0	113.1	99.0	82.5	85.4	162.3	North net
6/1/2023	Caretta caretta	10	FFS364/FFS365	88.3	89.8	93.5	82.0	63.6	69.2	95.0	North net
6/1/2023	Chelonia mydas		FFS366/FFS367	59.7	60.2	61.1	46.2	55.0	49.2	19.5	North net
6/2/2023	Chelonia mydas	11	FFS368/FFS369	101.1	102.7	107.9	94.8	79.7	84.3	149.1	Hand capture
6/2/2023	Chelonia mydas	12	FFS370/FFS371	92.3	92.9	95.5	86.5	73.5	75.3	108.3	North net
6/2/2023	Chelonia mydas		FFS372/FFS373	83.7	84.6	88.3	79.5	63.6	70.0	78.0	South net
6/2/2023	Caretta caretta	13	FFS374/FFS375	84.3	86.3	90.3	86.7	64.0	68.6	104.1	South net
6/2/2023	Chelonia mydas	14	FFS376/	52.4	52.8	55.3	47.4	40.6	41.3	18.1	South net
6/2/2023	Caretta caretta	15	FFS377/FFS378	93.7	94.5	98.3	88.3	71.5	71.8	119.9	North net
6/2/2023	Caretta caretta	16	FFS379/FFS380	92.9	94.6	96.5	93.2	72.6	73.4	127.2	North net
6/2/2023	Chelonia mydas	17	FFS381/FFS382	99.6	99.8	107.0	100.6	77.2	78.9	147.6	North net
6/2/2023	Chelonia mydas	18	FFS383/FFM431	54.4	54.5	56.5	52.4	43.0	45.3	21.3	Dip net
6/2/2023	Caretta caretta		FFS384/FFS385	79.7	80.6	87.1	78.5	64.7	59.8	81.4	North net

6/2/2023	Chelonia mydas		IRG0668/IRG0669	26.1	26.9	26.9	22.2	20.2	21.7	2.1	Hand capture
6/3/2023	Chelonia mydas	19	FFS386/FFS387	92.3	92.7	96.8	84.6	71.5	75.6	112.3	North net
6/3/2023	Caretta caretta		FFS388/FFS389	78.2	78.9	80.1	78.6	63.6	61.8	71.3	North net
6/3/2023	Caretta caretta		FFS390/FFS391	76.0	77.0	81.8	74.1	61.5	56.0	63.3	North net
6/3/2023	Chelonia mydas		FFS392/FFS393	52.6	52.8	54.6	48.2	41.2	43.2	19.0	Dip net
6/3/2023	Caretta caretta	20	FFS395/FFS394	87.4	89.0	92.5	85.4	65.8	66.3	90.6	North net
6/3/2023	Chelonia mydas	21	FFS396/FFS397	86.8	87.3	91.8	84.1	71.2	73.2	98.9	North net
6/3/2023	Caretta caretta		FFS398/FFS399	83.2	84.8	92.5	84.5	68.0	63.1	95.4	North net
6/3/2023	Caretta caretta		FFS400/FFS401	81.0	81.4	86.0	78.5	65.0	61.3	87.1	North net
6/3/2023	Chelonia mydas	22	FFS402/FFS403	96.3	96.3	100.7	88.5	72.2	77.4	110.1	North net
6/3/2023	Chelonia mydas	23	FFS404/FFS405	94.3	95.0	100.0	88.8	71.8	80.4	124.5	North net
6/3/2023	Caretta caretta	24	FFS406/FFS407	86.7	86.8	91.5	83.2	65.6	64.5	96.9	North net
6/3/2023	Caretta caretta	25	FFS408/FFS409	82.3	85.2	87.7	84.5	68.3	66.3	85.3	North net
6/3/2023	Caretta caretta	26	FFS410/FFS411	91.4	93.5	101.1	91.2	74.9	70.9	121.3	North net
6/4/2023	Chelonia mydas	27	FFS413/FFS414	87.2	87.7	91.6	85.7	68.3	71.3	95.6	North net
6/4/2023	Chelonia mydas	28	FFS415/FFS416	90.4	91.6	96.5	90.3	70.1	73.9	118.3	South net
6/4/2023	Chelonia mydas	29	FFS417/FFS418	102.2	102.3	105.8	96.8	82.4	84.9	165.3	South net
6/4/2023	Chelonia mydas	30	FFS419/FFS420	77.1	77.4	81.5	70.9	59.7	62.8	56.3	North net
6/4/2023	Caretta caretta		FFS421/FFS422	79.5	81.1	84.3	81.1	63.1	62.2	81.4	South net
6/4/2023	Caretta caretta	31	FFS423/FFS424	88.4	89.0	93.3	82.5	66.5	66.3	102.9	South net
6/4/2023	Caretta caretta	32	FFS425/FFS426	88.8	90.4	95.5	83.3	68.1	68.3	101.7	North net
6/4/2023	Caretta caretta	33	FFS427/FFS428	89.5	91.2	100.5	88.3	68.8	69.2	102.6	North net
6/4/2023	Caretta caretta	34	HA8458/FFS412	81.6	83.0	88.0	79.1	62.6	64.4	82.9	North net Hand
6/5/2023	Chelonia mydas	35	FFS429/FFS430	98.0	98.9	103.9	92.0	75.9	78.7	122.4	capture
6/5/2023	Chelonia mydas	36	FFS431/FFS432	89.5	90.0	93.9	89.5	72.5	69.4	91.8	North net
6/5/2023	Caretta caretta		FFS433/FFS434	82.1	82.3	87.0	79.5	65.8	62.3	83.1	North net
6/5/2023	Chelonia mydas	37	FFS435/FFS436	106.9	107.3	110.8	102.0	81.9	86.4	162.2	South net
6/6/2023	Caretta caretta	38	FFS427/FFS428	90.6	91.6	99.5	89.4	71.3	68.9	101.2	North net
6/6/2023	Chelonia mydas	39	FFS437/FFS438	94.9	95.7	100.9	91.1	72.9	78.0	124.6	Hand capture

6/6/2023	Chelonia mydas	40	FFS439/FFS440	96.7	97.4	101.2	93.1	76.5	78.0	113.0	North net
6/6/2023	Caretta caretta	41	FFS441/FFS442	84.8	85.7	88.6	85.4	68.7	69.2	98.6	North net
6/6/2023	Caretta caretta	42	FFS443/FFS444	95.4	96.3	100.1	92.3	69.9	74.2	124.0	South net
6/6/2023	Chelonia mydas		FFS445/FFS446	55.0	55.5	59.1	51.7	43.7	45.4	23.0	North net
6/6/2023	Caretta caretta	43	FFS447/FFS448	90.8	92.6	98.3	87.8	70.5	69.8	111.6	North net
6/6/2023	Caretta caretta	44	FFS449/FFS450	85.6	86.3	92.0	82.9	68.3	67.9	91.7	South net
6/6/2023	Chelonia mydas	45	FFS451/FFS452	94.3	94.3	99.6	93.9	74.5	75.2	117.2	North net
6/6/2023	Caretta caretta		FFS453/FFS454	56.5	57.8	62.4	61.4	49.9	45.1	30.0	North net
6/6/2023	Caretta caretta		FFS455/FFS456	83.4	84.4	92.2	85.5	66.1	66.9	88.7	South net
6/6/2023	Chelonia mydas	46	FFS457/FFS458	90.2	90.3	94.3	89.8	70.1	72.6	94.0	South net
6/6/2023	Caretta caretta		FFS459/FFS460	77.0	78.1	82.3	73.4	60.0	60.6	70.0	North net
6/6/2023	Caretta caretta		FFS461/FFS462	75.0	75.6	81.6	70.4	56.4	57.4	65.3	South net
6/6/2023	Chelonia mydas	47	FFS463/FFS464	96.1	96.1	101.5	99.6	81.3	78.3	136.7	North net
6/6/2023	Caretta caretta		FFS465/FFS466	76.6	78.3	82.3	76.6	59.6	57.9	65.9	North net
6/6/2023	Chelonia mydas	48	FFS467/FFS468	99.3	99.5	406.0	94.5	74.9	81.8	144.3	South net
6/7/2023	Caretta caretta	49	FFS469/FFS470	92.7	94.1	101.5	89.1	68.2	70.3	102.5	North net
6/7/2023	Chelonia mydas	50	FFS471/FFS472	87.2	87.4	92.7	82.5	69.4	70.3	74.8	North net
6/7/2023	Chelonia mydas	51	FFS473/FFS474	96.3	96.7	102.5	94.4	73.3	78.4	17.7	North net
6/7/2023	Caretta caretta	52	FFS475/FFS476	84.7	85.6	91.9	85.1	65.8	63.8	90.1	North net
6/7/2023	Caretta caretta	53	FFS477/FFS478	85.4	86.4	90.6	81.5	64.4	65.2	86.9	South net
6/7/2023	Caretta caretta	54	FFS479/W2121	72.7	74.6	80.6	25.5	59.5	55.7	58.6	North net
6/7/2023	Chelonia mydas	55	FFS480/FFS481	94.4	94.5	98.2	86.6	72.2	75.0	100.5	South net
6/7/2023	Caretta caretta	56	FFS482/FFS483	89.3	90.6	96.6	87.6	70.0	67.6	112.0	North net
6/7/2023	Chelonia mydas	57	FFS484/FFS485	95.5	95.7	100.9	96.2	74.0	77.6	121.3	South net
6/7/2023	Chelonia mydas		FFS486/FFS487	70.3	71.0	76.7	67.4	53.6	56.5	41.7	North net
6/7/2023	Caretta caretta		FFS488/FFS489	80.4	82.4	88.5	77.4	63.5	60.2	84.1	South net
6/7/2023	Caretta caretta	58	FFS490/FFS491	90.4	93.3	99.4	91.6	73.8	72.3	116.7	North net
6/7/2023	Chelonia mydas	59	FFS492/FFS493	94.4	95.0	99.9	88.4	71.3	75.7	116.2	North net
6/7/2023	Chelonia mydas	60	FFS494/FFM363	70.3	71.0	75.8	65.9	54.0	55.6	46.2	South net

6/7/2023	Chelonia mydas	61	FFS495/FFS496	89.5	89.5	94.7	85.8	68.9	72.7	103.0	North net
6/7/2023	Chelonia mydas	62	FFS497/FFS498	96.6	96.6	100.1	92.7	75.8	76.9	114.8	North net
6/7/2023	Chelonia mydas	63	FFS499/FFS500	92.9	93.3	95.6	89.2	71.5	72.0	98.9	North net
6/7/2023	Chelonia mydas	64	FFT000/FFT001	94.7	95.1	100.6	92.2	73.2	73.8	108.0	North net
6/8/2023	Chelonia mydas	65	FFT002/FFT013	86.1	87.3	91.9	84.2	68.8	73.1	91.1	South net
6/8/2023	Chelonia mydas	66	FFT003/FFT004	99.4	99.4	103.6	91.4	72.0	78.7	111.6	Barrier net
6/8/2023	Caretta caretta		FFT005/FFT006	73.3	74.9	82.1	75.0	59.2	56.5	60.9	South net
6/8/2023	Caretta caretta		FFT007/FFT008	70.4	72.2	78.1	75.0	59.2	53.6	53.6	North net
6/8/2023	Caretta caretta	67	FFT009/FFT010	94.5	95.7	102.0	93.1	75.2	70.8	112.2	North net
6/8/2023	Caretta caretta	68	FFT011/FTT012	87.7	89.0	95.2	88.9	69.2	68.6	111.7	North net
6/8/2023	Chelonia mydas	69	FFT014/FFT015	94.1	94.5	95.0	67.7	71.8	74.9	104.7	North net
6/8/2023	Chelonia mydas	70	FFT016/FFT017	94.8	95.6	100.2	87.7	71.4	74.5	107.6	South net
6/9/2023	Chelonia mydas	71	FFM037/FFM038	51.4	51.5	53.5	47.5	40.4	41.3	16.0	South net
6/9/2023	Chelonia mydas	72	FFS383/FFM431	54.3	54.3	57.0	53.7	42.6	45.0	21.2	North net
6/9/2023	Caretta caretta	73	FFT018/FFT019		102.3	108.1	102.0	72.7	77.1	154.0	South net
6/9/2023	Caretta caretta		FFT020/FFT021	82.4	83.1	90.3	83.0	64.5	65.3	81.8	South net
6/9/2023	Caretta caretta	74	FFT022/FFT023	89.5	91.7	98.5	91.1	73.8	69.5	115.4	South net
6/9/2023	Caretta caretta	75	FFT024/FFT025	85.0	87.3	93.0	89.2	67.1	72.5	108.1	North net
6/9/2023	Caretta caretta	76	FFT026/FFT027	92.5	92.7	98.6	88.9	70.5	69.4	109.5	North net
6/9/2023	Chelonia mydas	77	FFT028/FFT029	95.9	96.2	100.5	94.6	72.7	75.0	106.0	Hand capture
6/9/2023	Caretta caretta	78	FFT030/FFT031	86.9	88.0	95.5	86.2	66.7	65.0	92.6	South net
6/9/2023	Caretta caretta		FFT032/FFT033	79.6	80.2	90.0	81.0	62.9	60.9	77.6	South net
6/9/2023	Chelonia mydas	79	FFT034/FFT035	86.3	87.1	93.8	85.9	66.4	68.9	83.5	South net
6/9/2023	Chelonia mydas	80	FFT036/FFT038	95.0	95.0	100.3	92.1	74.7	76.3	119.5	South net
6/9/2023	Caretta caretta		FFT039/FFT040	76.7	78.0	83.8	76.6	58.5	58.0	68.3	South net
6/9/2023	Chelonia mydas	81	FFT041/FFT042	101.4	101.6	107.9	93.1	73.9	80.0	141.8	South net
6/9/2023	Caretta caretta	82	FFT043/FFT044	89.1	90.3	95.7	89.7	67.2	67.3	112.6	North net
6/9/2023	Chelonia mydas	83	FFT045/FFT046	95.0	95.2	100.5	94.8	74.2	77.1	127.2	South net
6/9/2023	Chelonia mydas	84	FFT047/FFT048	95.9	96.6	101.9	94.0	77.1	78.0	129.6	South net

6/9/2023	Chelonia mydas		FFT049/FFT050	73.2	73.6	78.4	73.1	58.2	59.3	50.8	South net
6/9/2023	Caretta caretta		FFT051/FFT052	82.4	84.1	88.9	82.2	62.4	66.3	88.6	South net
6/10/2023	Chelonia mydas	85	FFT053/FFT054	92.3	92.7	96.9	91.8	69.3	75.9	120.2	North net
6/10/2023	Chelonia mydas	86	FFT055/FFT056	98.5	99.0	106.4	95.6	73.1	79.9	140.7	North net
6/10/2023	Chelonia mydas	87	FFT057/FFT058	84.1	85.1	89.9	80.7	66.4	69.0	80.6	North net
6/10/2023	Chelonia mydas	88	FFT059/FFT060	97.4	97.4	104.7	96.8	71.8	77.5	139.0	North net
6/10/2023	Chelonia mydas	89	FFT061/FFT062	91.4	91.9	96.6	83.9	72.0	77.9	113.9	South net
6/10/2023	Caretta caretta		FFT063/FFT064	79.4	80.5	86.7	80.8	61.9	62.3	73.8	North net
6/11/2023	Caretta caretta	90	FFS065/FFS066	94.5	95.2	102.6	92.0	72.3	73.7	119.8	South net
6/11/2023	Chelonia mydas	91	FFS376/	52.5	52.8	55.8	47.9	40.5	41.4	17.3	South net
6/11/2023	Chelonia mydas		FFT067/FFT068	51.7	52.0	54.4	48.1	40.7	42.3	15.9	North net
6/11/2023	Caretta caretta		FFT069/FFT070	81.6	83.0	87.8	80.8	62.5	63.4	78.1	North net
6/11/2023	Chelonia mydas	92	FFT071/FFT072	98.0	98.8	104.3	96.4	76.2	78.5	135.5	North net
6/12/2023	Chelonia mydas	93	FFT073/	55.9	56.7	58.9	48.8	43.7	47.7	21.9	South net
6/12/2023	Caretta caretta	94	FFT074/FFT075	90.9	91.7	99.8	87.9	69.6	68.6	102.3	North net
6/13/2023	Caretta caretta		/FFT076	80.4	80.5	85.5	79.0	62.9	61.9	73.2	Hand capture
6/13/2023	Caretta caretta	95	FFT077/FFT078	85.9	87.9	94.2	83.3	66.8	66.6	91.4	South net
6/13/2023	Caretta caretta		FFT079/FFT080	81.5	82.9	87.5	78.7	63.1	62.4	74.5	South net
6/13/2023	Caretta caretta		FFT081/FFT082	74.5	75.3	78.5	74.2	57.3	57.6	64.2	North net
6/13/2023	Caretta caretta	96	FFT083/FFT084	90.1	91.0	98.3	91.0	70.3	68.5	108.9	South net
6/13/2023	Chelonia mydas		FFT085/FFT086	43.3	43.9	46.5	40.2	36.0	36.5	10.5	North net
6/13/2023	Caretta caretta		FFT087/FFT088	78.2	80.8	89.8	77.2	57.2	61.6	83.1	South net
6/13/2023	Chelonia mydas	97	FFT089/FFT090	98.2	99.1	104.4	95.2	78.5	78.5	146.1	South net
6/13/2023	Chelonia mydas	98	FFT091/FFT092	89.7	90.1	94.1	87.3	70.9	69.8	92.1	South net
6/13/2023	Caretta caretta		FFT093/FFT094	80.6	81.5	88.1	78.3	61.8	61.7	75.2	South net
6/14/2023	Caretta caretta		FFT095/FFT096	83.2	83.6	91.6	81.5	63.5	63.2	84.7	North net
6/14/2023	Caretta caretta	99	FFT097/FFT098	91.3	93.3	99.8	88.1	68.1	72.3	100.6	North net
6/14/2023	Caretta caretta		FFT099/FFT100	79.9	80.5	86.5	79.6	62.0	62.5	76.1	North net
6/14/2023	Caretta caretta	100	FFT101/FFT102	90.9	92.8	98.2	89.1	73.6	72.1	109.4	South net

6/14/2023	Caretta caretta	101	FFT103/FFT104	87.0	88.1	93.8	86.7	69.8	66.5	98.5	North net
6/14/2023	Chelonia mydas	102	FFT105/FFT106	89.4	90.6	93.9	89.7	72.9	72.4	89.1	South net
6/15/2023	Caretta caretta		FFT107/FFT108	80.8	81.3	86.2	78.4	62.3	61.9	69.3	Hand capture
6/15/2023	Caretta caretta	103	FFT109/FFT110	86.2	87.1	92.8	80.7	63.6	61.3	82.9	Hand capture
6/15/2023	Chelonia mydas	104	FFT111/FFT112	95.0	95.4	100.2	43.7	73.3	77.3	121.4	Hand capture
6/15/2023	Caretta caretta	105	FFT113/FFT114	83.8	85.1	91.0	81.0	64.2	64.9	85.0	North net
6/16/2023	Caretta caretta		FFT115/FFT116	83.4	84.7	91.6	86.3	66.2	61.8	89.4	North net
6/16/2023	Caretta caretta	106	FFT117/FFT118	86.8	87.5	93.5	88.5	68.3	67.0	99.6	South net
6/16/2023	Caretta caretta	107	FFT119/FFT120	85.6	87.5	93.7	87.2	71.0	67.4	88.7	South net
6/16/2023	Caretta caretta	108	FFT121/FFT122	92.5	93.3	100.0	89.9	68.0	70.8	117.4	North net
6/16/2023	Chelonia mydas	109	FFT123/FFT124	100.6	101.2	107.6	92.3	73.0	80.0	146.1	North net
6/17/2023	Caretta caretta	110	FFS284/FFS285	84.3	85.8	90.7	83.5	66.5	64.4	82.8	North net
6/18/2023	Chelonia mydas	111	FFM392/FFM393	56.9	57.0	60.9	56.0	44.3	47.8	22.5	North net
6/18/2023	Caretta caretta	112	FFT125/KKU011	87.4	88.3	95.3	88.5	72.1	67.9	100.6	South net
6/18/2023	Caretta caretta	113	FFT126/FFT127	89.4	91.3	102.4	89.4	69.4	69.1	114.8	North net
6/19/2023	Chelonia mydas	114	FFT128/FFT129	83.9	85.0	90.5	88.9	69.5	70.1	80.1	South net
6/19/2023	Chelonia mydas	115	FFT130/FFT131	96.1	97.9	104.5	97.8	78.4	77.6	137.6	South net
6/19/2023	Caretta caretta	116	FFT132/FFT133	99.9	101.5	106.0	96.4	73.9	76.0	149.9	North net
6/19/2023	Caretta caretta		FFT134/FFT135	80.1	80.3	87.5	75.7	58.6	60.0	66.7	South net
6/20/2023	Caretta caretta	117	FFT136/FFT137	87.4	89.4	96.1	90.7	67.7	68.6	109.4	South net
6/22/2023	Chelonia mydas	118	FFT138/FFT139	103.3	103.4	108.4	98.7	76.7	83.0	139.4	Hand capture
6/22/2023	Chelonia mydas	119	FFT140/FFT141	55.9	56.6	58.9	64.5	56.3	43.1	24.1	North net
6/23/2023	Caretta caretta	120	FFT142/FFT143	86.9	90.2	92.6	88.5	65.4	65.3	96.6	North net
6/24/2023	Caretta caretta	121	FFT144/FFT145	90.8	92.3	99.6	87.5	68.4	72.5	113.4	South net
6/25/2023	Chelonia mydas	122	FFT146/FFT147	107.0	107.1	114.3	102.5	81.1	84.8	156.3	North net
6/25/2023	Caretta caretta	123	FFT148/FFT149	93.4	93.7	99.0	92.1	71.3	71.0	114.9	South net
6/26/2023	Caretta caretta		FFT150/FFT151	74.9	76.8	84.9	76.1	59.7	59.6	66.4	North net
6/26/2023	Caretta caretta		FFT152/FFT153	71.6	72.8	78.4	74.4	59.6	55.1	56.9	North net
6/26/2023	Chelonia mydas		FFT154/FFT155	53.5	54.0	56.5	48.8	43.4	44.8	18.3	South net

6/26/2023	Caretta caretta		FFT156/FFT157	80.4	81.7	85.4	89.0	71.8	67.5	104.0	North net
6/27/2023	Caretta caretta	124	FFT158/FFT159	91.5	93.5	103.2	97.8	77.6	71.6	123.3	North net
6/27/2023	Caretta caretta		FFT160/FFT162	75.7	76.7	83.9	76.3	57.1	62.2	67.5	South net
6/28/2023	Caretta caretta	125	FFS267/FFS268	87.8	88.8	95.0	84.7	65.0	66.8	92.0	South net
6/29/2023	Caretta caretta	126	FFT163/FFT164	90.3	91.4	98.7	64.9	83.9	64.4	100.4	North net
6/29/2023	Chelonia mydas	127	FFT165/FFT166	96.3	96.4	101.6	91.0	72.7	77.0	119.6	North net
6/29/2023	Caretta caretta		FFT167/FFT168	78.4	81.0	90.0	83.3	62.2	61.1	83.3	North net
6/30/2023	Caretta caretta		FFT169/FFT170	75.6	76.4	81.8	76.4	60.6	57.1	61.6	Dip net
6/30/2023	Caretta caretta		FFT171/FFT172	80.4	82.5	90.5	78.2	62.0	63.8	76.8	South net

- 1. Adult female loggerhead. TL= 215 mm.
- 2. Adult female loggerhead. TL= 280 mm.
- 3. Adult female loggerhead. TL= 222 mm. 5% missing healed on RFF and 10% missing healed on RRF
- 4. Adult female loggerhead. TL= 160 mm. Healed wound to ventral side of RRF
- 5. Adult female green. TL= 216 mm. Carapace domed towards vertebral; One extra coastal scute
- 6. Adult male green. TL= 462 mm. Missing piece of upper tomium; 5% missing and healed RRF; concave plastron
- 7. Adult female loggerhead. TL= 405 mm. Plastron very short (Congenital defect). Healing wound in axilla region of LFF
- 8. Adult female loggerhead. TL= 220 mm.
- 9. Adult female green. TL= 270 mm. Extra costal and vertebral scutes
- 10. Adult female loggerhead. TL= 220 mm. FFS363 bad tag.
- Adult female green. TL= 258 mm. Turtle emerged overnight from the canal and was found in the parking area near
- the trailer by staff in the morning. Adult male green. TL= 404 mm. Missing 10% LFF, healed. Missing 5% both LRF and RRF, healed. Moderate scrape
- 12. on anterior carapace, first vertebral scute.
- Adult female loggerhead. TL= 235 mm. Broken phalange LRF, healed. Healed notch on RFF. RECAPTURE, from 4/27/18, 4/19/19, 6/3/19, 9/14/19, 10/8/19, 12/2/19, 1/3/20, 8/16/20, 1/23/21, 1/6/22, 12/14/22,
- 2/8/23, 2/19/23, 4/14/23. Healed constriction wound proximal RFF. Adult female loggerhead. TL= 265 mm. TAG RETURN 6/2/23 nesting in Zone P (27.33738, -80.23303) just south of

Walton Rocks entrance during IRG Turtle Walk (same day as capture and release). Healed wound to left

15. posterior side of carapace.

Adult female loggerhead. TL= 274 mm. Healed notch on left side of carapace. Healed notch on RRF. Possible *16.* healing hook wound on RFF.

17. Adult female green. TL= 225 mm. 10% missing healed LRF.

RECAPTURE, from 7/19/18, 12/10/18, 3/31/19, 12/9/19, 1/7/20, 2/15/20, 5/5/20, 8/11/20, 10/25/20, 1/13/21, 18. 4/22/21, 1/5/22, 3/17/22, 10/6/22, 12/22/22, 4/8/23.

- 19. Adult female green. TL= 215 mm.
- 20. Adult female loggerhead. TL= 192 mm. 50% RFF missing and has since healed. Lower number in RFF.
- Adult female green. TL= 215 mm. 20% missing from LRF that has since healed. Small healed notch on RRF. Adult male green. TL= 375 mm. Concave plastron; 10% missing from all flippers. Large indentations on left side of
- 22. carapace.
- 23. Adult female green. TL= 241 mm.
- 24. Adult female loggerhead. TL= 195 mm.
- 25. Adult female loggerhead. TL= 194 mm. FFS408 upside down (LFF)
- 26. Adult female loggerhead. TL= 175 mm.
- 27. Adult male green. TL= 362 mm. 10% missing and healed LFF.
- 28. Adult female green. TL= 208 mm. 5% missing and healed RRF; Broken phalange on RRF
- Adult female green. TL= 270 mm. 15% missing and healed LRF RECAPTURE, from 10/17/08, 11/26/11, 10/8/13, 10/25/17, 12/13/17, 1/21/18, 4/20/19, 12/6/19, 1/31/20, 9/16/20.
- 30. 20% missing and healed RFF.Healed notch posterior right side of carapace. Adult female loggerhead. TL= 251 mm. 50% missing and healed RRF, accompanied by missing marginals near RRF
- 31. (Potential shark bite wound).
- Adult female loggerhead. TL= 192 mm. Healed notch terminal end of RRF. Posterior carapace tapers in on both 32. sides (possibly genetic).
- Adult female loggerhead. TL= 202 mm.
 Adult female loggerhead. TL= 175 mm. TAG RETURN 6/17/23 false crawl in zone O during turtle walk
- 34. (27.342198, -80.2344769). STRANGE TAG, originally tagged by UCF at the ACCSTR in June 2010.

- 35. Adult female green. TL= 248 mm. Found wondering alomg the road into parking lot.
- 36. Adult male green. TL= 335 mm. Missing 10% RFF, healed. Extra posterior vertebral scute.
- 37. Adult female green. TL= 255 mm. Healed wounds on plastron.
- 38. Adult female loggerhead. TL= 225 mm. RECAPTURE, from: 6/4/23.
- 39. Adult female green. TL= 233 mm.
- 40. Adult male green. TL= 470 mm. 10% missing healed LFF. 5% missing healed RFF. Healed notch on LRF.
- 41. Adult female loggerhead. TL= 204 mm.

Adult female loggerhead. TL= 220 mm. Workup with NMFS. Moderate FS on LFF. Old wound on right eye. 20% 42, missing healed on RFF. 45% missing healed on LFF.

- 43. Adult female loggerhead. TL= 235 mm. Work up with NMFS. Turtle missing unknown percentage on LFF and LRF.
- 44. Adult female loggerhead. TL= 203 mm. 2 cm deep hole on carapace 3x2.5cm. Healed notch on LRF.

Adult male green. TL= 455 mm. No notch in pygals. Old healed mating wound on tail. 5% missing on both 45. rear flippers.

Adult male green. TL= 366 mm. Extra costal scute. Badly embedded barnacle on carapace. Turtle missing 5% 46. healed RRF and 10% LRF.

- 47. Adult female green. TL= 205 mm. Moderate FS on head.
- 48. Adult female green. TL= 217 mm. Congenital deformation on both sides of anterior carapace. Adult female loggerhead. TL= 215 mm. Missing 5% healed right side of carapace. Healing wound on ventral scale
- 49. of RFF
- 50. Adult male green. TL= 375 mm. 5% missing healed on both rear flippers.
- *51.* Adult female green. TL= 230 mm.
- 52. Adult female loggerhead. TL= 226 mm. Healing wounds on ventral of neck, plastron, and LRF. Healed notch on LRF. Adult female loggerhead. TL= 151 mm. Necrotic wound to LFF, cuts through the flipper. 10% healed notch on RRF.
- 53. 5% missing healed notch on LRF.

STRANGE TAG, originally tagged in Florida Bay by NOAA/FWC on 6/27/05 south of Arsnickers, also captured 54. 6/7/08, 6/29/11, and 6/25/16 (SCL 73.2, weight 55.0). 45% missing healed RFF.

- 55. Adult male green. TL= 425 mm. Moderate FS on anterior portion of plastron. 5% missing healed on RFF and RRF. Adult female loggerhead. TL= 213 mm. 30% missing healing wound on RFF. Likely hook wound in axilla region of
- 56. the RFF.
- 57. Adult female green. TL= 295 mm. Mating wounds on ventral side, axilla region.
- 58. Adult female loggerhead. TL= 198 mm. Healing wound on ventral side of neck.
- 59. Adult female green. TL= 237 mm. Moderate FS on face, near right eye. Healed notch on RFF.
- 60. RECAPTURE, from 7/30/16, 9/17/16, 1/7/17, 10/23/17, 11/18/17, 5/2/18, 2/17/20, 8/13/20, 1/5/23.

Adult male green. TL= 414 mm. 2 extra costal scutes. Healed notches on both rear flippers. Mating wounds on 61. ventral side of font flippers. Concave plastron.

- 62. Adult male green. TL= 420 mm. 5% missing healed on both rear flippers. Adult male green. TL= 413 mm. 10% missing healed on both rear flippers. Healing notch on RFF. Healed indentation
- 63. on left side of carapace.
- 64. Adult male green. TL= 384 mm.
- 65. Adult male green. TL= 301 mm. Non-consecutive tags (FFT002 fell off sleeve and was missed for previous captures). Adult male green. TL= 458 mm. Missing 5% both RFs, healed. Fresh wound to claw on LRF. Healing wound on LFF.
- 66. Fresh would to claw on RFF. Moderate scrape on proximal RFF.
- 67. Adult female loggerhead. TL= 275 mm.
- 68. Adult female loggerhead. TL= 252 mm. Nodule growth on RFF.
- 69. Adult male green. TL= 410 mm. 10% missing healed RFF. 5% missing healed RRF.
- 70. Adult male green. TL= 429 mm. Nodule at base of ventral side of LFF. Healed notch on LFF and LRF.
- 71. RECAPTURE, from 2/1/22, 11/14/22, 12/31/22, 2/8/23, 5/13/23, 5/22/23.

RECAPTURE, from 7/19/18, 12/10/18, 3/31/19, 12/9/19, 1/7/20, 2/15/20, 5/5/20, 8/11/20, 10/25/20, 1/13/21, 4/22/21, 1/5/22, 3/17/22, 10/6/22, 12/22/22, 4/8/23, 6/2/23. 5% missing healed LFF. 10% missing healed on 72. both rear flippers.

Adult female loggerhead. TL= 335 mm. No SCL Min due to carapace damage. 13x9 cm, 5x1 cm, 14x5 cm, 5x5 cm

- 73. wounds on carapace. 30% missing healed on RFF. 40% missing healed on LRF. 5% missing healed on RRF.
- 74. Adult female loggerhead. TL= 211 mm. Moderate FS to anterior carapace. Extra costal scute.
- 75. Adult female loggerhead. TL= 247 mm. Healed notch on RFF.
- 76. Adult female loggerhead. TL= 170 mm.
- 77. Adult male green. TL= mm. Tail severely deformed in "Z" shape, no measurement taken.
- 78. Adult female loggerhead. TL= 235 mm. Healed hook wound on LFF.
- 79. Adult male green. TL= mm. Tail measurement was not correct according to photo. The measurement was 280mm.
- 80. Adult male green. TL= 400 mm. FFT037 bad tag. Healing wound on RRF.
- Adult female green. TL= 263 mm. Healed notch on LFF and RRF. Adult female loggerhead. TL= 232 mm. 5% missing healed on LFF. 10% missing healed on LRF. Healed notch on
- 82. RRF.
- 83. Adult female green. TL= 225 mm.
- 84. Adult female green. TL= 247 mm. Mating wound on LFF. Healed notch on RFF and RRF. Adult female green. TL= 245 mm. Mating wounds on left and right anterior carapace, ventral right axilla and ventral
- 85. neck.

Adult female green. TL= 243 mm. STRANGE TAG, Originally tagged by UCF June 2015, SCL 96.1, SCW 67.7,

- 86. CCL 102.9, CCW 93.4. Healed notch on distal LFF. Moderate scrape on right dorsal head.
- 87. Adult male green. TL= 330 mm. Mating wounds on dorsal neck.
- 88. Adult female green. TL= 291 mm. Healed notch on RRF. Mating wounds on left and right anterior carapace.
- 89. Adult female green. TL= 225 mm. Missing 20% LRF, healed. Mating wounds on dorsal neck.
- Adult female loggerhead. TL= 195 mm. RECAPTURE, from 4/27/18, 4/19/19, 6/3/19, 9/14/19, 10/8/19, 12/2/19, 1/3/20, 8/16/20, 1/23/21, 1/6/22, 12/14/22.
- 91. 2/8/23, 2/19/23, 4/14/23, 6/2/23. 10% RFF missing, healed constriction wound proximal RFF. Adult female green. TL= 235 mm. REHAB (CAUSAL). STSSN#: HWB20230611-002. 20 cm crack along anterior carapace. Through bone. Associated with fresh scrapes. Injury causal to entrainment. Tags applied prior to rehab determination. Curved min: 103.9 cm. Transported to LMC. Released on 6/14/23 at Juno Beach.
- 92. FFT071 fell out prior to release. REHAB (NON-CAUSAL): STSSN# Transported to Brevard Zoo for Hook Removal. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 5). LFF tag only, RFF has PAPS near tagging location. COLLABORATION: Metal detector used to search for internal fishing hooks as part of Cody Mott's PhD
 93. research (FAU); Scan was POSITIVE.
- Adult female loggerhead. TL= 211 mm.
 Adult female loggerhead. TL= 210 mm. Turtle missing 5% healed LFF. Hole like circular wound ventral side of tail.
- 95. Nodule or skin tag on base of RFF.
- 96. Adult female loggerhead. TL= 225 mm.
- 97. Adult female green. TL= 245 mm.
- Adult male green. TL= 410 mm. PAPILLOMAS (Balazs Tumor Score = 1 {light}, Total Tumor Score = 5). 98. Tumors appear to be regressing. Missing 5% healed LRF. Old head wound on ventral side of neck.
- 99. Adult female loggerhead. TL= 180 mm. Missing 15% healed LRF. Healed notch on RFF.
- 100. Adult female loggerhead. TL= 262 mm. Missing 10% healed RFF.
- 101. Adult female loggerhead. TL= 238 mm.
- 102. Adult male green. TL= 370 mm.
- 103. Adult male loggerhead. TL= 440 mm. STRANGE TAG. Healed prop strike wound to left anterior carapace.
- 104. Adult female green. TL= 295 mm. Healed notches on both RFs.
- 105. Adult female loggerhead. TL= 200 mm.

- 106. Adult female loggerhead. TL= 232 mm.
- 107. Adult female loggerhead. TL= 219 mm. Healed notches in RRF and LRF. Adult female loggerhead. TL= 265 mm. Probable tag scars on both FF, however no PIT tag found. Missing 40% of
- 108. LFF, healed. Healed wound on mid to left posterior carapace, 31 cm in length. Healed notch on RFF.
- 109. Adult female green. TL= 300 mm. Small healed notch on RRF.
- 110. Adult female loggerhead. TL= 205 mm. RECAPTURE, from 5/28/23.
- 111. RECAPTURE, from: 2/7/23, 4/5/23, 5/3/23, 5/18/23.
- 112. Adult female loggerhead. TL= 250 mm. STRANGE TAG. New tag applied to LFF. Missing 5% both FFs, healed.
- 113. Adult female loggerhead. TL= 207 mm. Healed wound on LFF.
- 114. Adult female green. TL= 185 mm.
- 115. Adult female green. TL= 249 mm. Mating wounds on RFF and dorsal head. Healed notches on both RFs.
- 116. Adult female loggerhead. TL= 310 mm.
- 117. Adult female loggerhead. TL= 239 mm. 2 healed notches in LRF (10%).

Adult female green. TL= 235 mm. 5% healed notch on RRF. Turtle found in parking lot after having nested near

- 118. northern fence line.
- 119. Adult female green. TL= 221 mm.

Adult female loggerhead. TL= 211 mm. Healed wound on proximal ventral RFF, healing wound on right anterior *120.* plastron. Necrotic patch on left posterior plastron.

- 121. Adult female loggerhead. TL= 214 mm. Missing 50% RFF and 5% LFF, both which have since healed.
- 122. Adult female green. TL= 239 mm. Healed notch on proximal LFF. Small healed notch on RRF.
- 123. Adult female loggerhead. TL= 265 mm.
- 124. Adult female loggerhead. TL= 207 mm. Part of lower right tomium missing, healed.
- 125. Adult female loggerhead. TL= 242 mm. RECAPTURE, from 5/26/23.
- *126.* Adult female loggerhead. TL= 206 mm. STRANGE TAG.
- 127. Adult female green. TL= 281 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

	Loggerheads (Caretta caretta)		Green turtles (Chelonia mydas)		Hawksbills (Eretmochelys imbricata)		Leatherbacks (Dermochelys coriacea)		Kemp's ridley (Lepidochelys kempii)		Olive ridley (Lepidochelys olivacea)			
													Overall Totals	
	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date
Captures	102	235	77	282	0	1	0	2	1	4	0	1	180	525
Causal														
Mortalities	0	0	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	0	0
Causal														
Injuries	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Sent to														
rehab	0	6	2	4	0	0	0	0	0	0	0	0	2	10
Fresh Scrapes	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date	Jun-23	Year to Date
None	3	12	3	23	0	1	0	0	0	0	0	0	6	36
Minor	96	215	68	243	0	0	0	2	1	4	0	1	165	465
Moderate	3	8	6	16	0	0	0	0	0	0	0	0	9	24
Severe	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent														
with														
mod/sev														
scrapes	2.9%	3.4%	7.8%	5.7%	NA	0.0%	NA	0.0%	0.0%	0.0%	NA	0.0%	5.0%	4.6%