

NRR-PMDAPEm Resource

From: Stephen Weege [steveweege@yahoo.com]
Sent: Monday, June 04, 2012 4:56 PM
To: MTP@MyFWC.com
Cc: Meghan Koperski; Dave Niebch; Dave Clark; RidsNrrDlr Resource; Ed Hollowell; Jodie Gless; Ken Frehafer; Mike Bresette; Shelley Norton; Vince Munne
Subject: May 2012 FPL Marine Turtle Removal Monthly Report
Attachments: May 2012 Marine Turtle Captures.rtf; Monthly Report Notes 2012.pdf; FPL St Lucie Capture Summary 2012.pdf

**Subject: Marine Turtle Removal Monthly Summary
May 2012**

Dear Dr. Robbin Trindell,

Attached, please find the monthly summary of marine turtle removals for May 2012. This month, we captured thirty-seven (37) *Caretta caretta* and eight (8) *Chelonia mydas* in the intake canal of the St. Lucie power plant on Hutchinson Island. There were no mortalities and only one sea turtle was sent for rehabilitation in May.

On May 18th, a subadult loggerhead sea turtle was proactively captured while floating at the surface of the intake canal. The animal was lethargic and had a moderate fresh scrape on its head from entrainment (the skull was exposed just above the left eye). A concussion was suspected because the turtle was behaving abnormally even though it otherwise appeared to be in good general health. The animal was transported to the Loggerhead Marinelife Center in Juno Beach by the Florida Fish and Wildlife Conservation Commission's (FWC) sea turtle stranding coordinator. The preliminary determination by Inwater Research Group biologists was that the turtle suffered acute trauma during entrainment which required medical intervention and rehabilitation. After consultation with FWC, the prevailing opinion was that the animal's diminished health was due to a causal injury attributable to power plant operations (pending veterinarian review and final determination).

Throughout the month, the 5" barrier net experienced light to severe loads of algae that entered into the intake canal, whereas jellyfish entrainment was light. The temporary barrier net has performed as designed and no turtles have been observed beyond the 5-inch net. To date, Florida Power & Light and Morgan & Eklund, Inc. continue to work together on the installation of a permanent 5-inch barrier net.

The tag numbers and morphometric data for all turtles are attached. Also included is a spreadsheet for all captures, mortalities, injuries, and causal events delineated by species and by month for 2012. This spreadsheet also 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.

Sincerely,

Steve Weege
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Files	Size	Date & Time
MESSAGE	2395	6/4/2012 4:56:17 PM
May 2012 Marine Turtle Captures.rtf		140333
Monthly Report Notes 2012.pdf	152577	
FPL St Lucie Capture Summary 2012.pdf		538594

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**MARINE TURTLE REMOVALS
ST. LUCIE PLANT INTAKE CANAL
MAY 2012**

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
5/1/2012	<i>Caretta caretta</i>		BBR147/BBR148	70.6	72.0	77.2	75.4	59.0	53.5	50.9	North net
5/1/2012	<i>Caretta caretta</i>	1	BBR149/BBR150	86.8	88.9	94.0	90.2	70.1	68.0	115.0	North net
5/1/2012	<i>Caretta caretta</i>		BBR151/BBR152	66.7	68.0	72.3	70.6	58.1	53.3	48.6	South net
5/1/2012	<i>Caretta caretta</i>		BBR153/BBR154	65.7	67.4	70.3	67.8	53.0	53.0	40.3	South net
5/2/2012	<i>Caretta caretta</i>		BBR155/BBR156	63.5	65.0	69.9	67.4	56.7	49.2	37.2	North net
5/5/2012	<i>Caretta caretta</i>	2	BBR048/BBR049	56.9	57.4	61.8	58.6	46.2	43.8	27.1	North net
5/5/2012	<i>Caretta caretta</i>		BBR157/BBR158	63.0	64.5	68.8	69.3	55.8	50.4	38.2	South net
5/5/2012	<i>Caretta caretta</i>		BBR159/BBR160	56.1	57.4	61.3	60.2	51.2	44.7	30.7	North net
5/5/2012	<i>Caretta caretta</i>	3	BBR161/BBR162	86.8	87.4	93.3	83.1	65.3	66.9	98.9	South net
5/6/2012	<i>Chelonia mydas</i>	4	BBR112/BBR113	44.2	44.4	46.6	42.1	35.8	36.4	11.8	Hand capture
5/6/2012	<i>Caretta caretta</i>		BBR163/BBR164	61.0	61.9	66.7	62.9	50.6	49.8	33.6	Hand capture
5/6/2012	<i>Caretta caretta</i>	5	BBR165/BBR166	89.9	90.8	98.8	92.1	68.9	70.8	115.7	Hand capture
5/7/2012	<i>Caretta caretta</i>		BBR167/BBR168	56.6	58.0	61.9	61.1	50.6	47.2	30.0	Hand capture
5/7/2012	<i>Caretta caretta</i>		BBR169/BBR170	61.8	63.5	67.2	58.9	52.0	49.1	34.9	Hand capture
5/8/2012	<i>Caretta caretta</i>	6	BBR171/BBR172	82.6	84.1	89.0	81.6	60.5	62.1	79.4	Hand capture

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
5/10/2012	<i>Caretta caretta</i>		BBR173/BBR174	68.4	69.5	75.5	69.0	57.7	53.2	43.2	South net
5/11/2012	<i>Caretta caretta</i>		BBR175/BBR176	67.3	67.7	71.5	68.4	55.6	50.7	41.0	North net
5/13/2012	<i>Caretta caretta</i>		BBR177/BBR178	62.9	63.8	69.3	65.6	53.0	48.7	36.6	North net
5/13/2012	<i>Caretta caretta</i>	7	BBR179/BBR180	92.2	94.2	98.8	90.4	68.5	66.7	109.6	North net
5/15/2012	<i>Caretta caretta</i>	8	BBR181/BBR182	84.1	85.5	89.8	82.1	67.7	64.8	85.2	South net
5/18/2012	<i>Caretta caretta</i>	9	STW120518-01	55.3	56.9	61.4	60.3	47.8	43.5	25.8	Dip net
5/20/2012	<i>Caretta caretta</i>	10	UUH859/UUX680	71.1	72.4	76.8	72.4	59.3	53.9	53.7	North net
5/20/2012	<i>Chelonia mydas</i>	11	YYR423	44.3	44.4	48.2	42.1	34.5	36.2	11.0	South net
5/24/2012	<i>Caretta caretta</i>	12	BBP224/BBP225	59.4	59.9	64.0	59.8	49.5	48.0	28.9	North net
5/24/2012	<i>Caretta caretta</i>		BBR183/BBR184	68.7	69.5	73.0	68.7	56.2	52.2	41.6	South net
5/25/2012	<i>Caretta caretta</i>		BBR185/BBR186	74.4	75.8	83.4	74.8	59.9	56.2	62.8	South net
5/25/2012	<i>Caretta caretta</i>		BBR187/BBR188	69.0	70.3	75.3	78.6	55.6	53.5	45.4	South net
5/27/2012	<i>Caretta caretta</i>		BBR189/BBR190	69.8	71.4	76.2	70.6	57.1	54.9	48.4	Hand capture
5/27/2012	<i>Caretta caretta</i>		BBR191/BBR192	64.1	64.7	69.8	69.4	58.0	50.3	40.3	South net
5/27/2012	<i>Caretta caretta</i>	13	BBR193/BBR194	86.0	87.6	92.9	85.7	74.3	67.6	99.0	South net
5/27/2012	<i>Caretta caretta</i>		BBR195/BBR196	69.2	70.8	76.2	74.3	59.8	55.2	49.0	South net
5/29/2012	<i>Caretta caretta</i>	14	BBR197/BBR198	95.0	95.9	103.6	92.0	71.6	73.1	133.7	South net
5/30/2012	<i>Chelonia mydas</i>	15	BBP166/BBP167	50.9	51.4	54.2	46.5	41.1	42.3	18.9	Hand capture
5/30/2012	<i>Chelonia mydas</i>		BBR199	31.0	31.4	33.0	26.5	24.2	25.8	3.6	Hand capture
5/30/2012	<i>Caretta caretta</i>		BBR200/BBR201	78.7	80.0	85.3	76.7	61.7	61.3	81.9	Hand capture

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCl (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
5/30/2012	<i>Caretta caretta</i>		BBR202/BBR204	63.9	65.7	70.5	67.0	56.8	52.3	41.1	Hand capture
5/30/2012	<i>Caretta caretta</i>		BBR205/BBR206	65.1	66.7	73.3	68.2	54.9	52.1	43.5	Hand capture
5/30/2012	<i>Chelonia mydas</i>		BBR207	31.0	31.1	32.5	29.9	26.2	25.1	4.3	Hand capture
5/30/2012	<i>Chelonia mydas</i>	16	BBR208/BBR209	49.0	49.5	51.5	44.8	39.1	40.6	14.6	Hand capture
5/30/2012	<i>Caretta caretta</i>	17	BBR210/BBR211	98.5	99.5	106.5	89.3	77.6	71.1	127.7	Hand capture
5/30/2012	<i>Caretta caretta</i>		BBR212/BBR213	53.8	55.5	60.3	60.5	48.6	44.0	26.8	Hand capture
5/30/2012	<i>Caretta caretta</i>	18	BBR214/BBR215	86.6	87.3	93.0	84.7	65.9	65.3	84.7	Hand capture
5/30/2012	<i>Chelonia mydas</i>	19	UUG488	42.1	42.4	45.1	38.4	32.8	34.3	9.3	Hand capture
5/31/2012	<i>Chelonia mydas</i>		BBR216/BBR217	44.0	44.2	47.5	40.9	34.4	36.4	11.1	Hand capture
5/31/2012	<i>Caretta caretta</i>		BBR218/BBR219	61.1	62.0	67.1	65.0	53.0	48.6	34.7	Hand capture

Monthly reports due by the 10th.

Notes should include the following:

Adults

Recaptures

Strange Tags

Tag Returns

Papillomas

Mortalities

Rehab Turtles

Hybrids (choose >)

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/9/11 and 1/8/12.
2. 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 and 1/9/12.
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 7/28/09, 12/3/09, 2/11/10, 9/3/10, 5/18/11 and 1/9/12. Turtle missing 15% from terminal end of RRF (healed). New inconel tag inserted today in LFF.

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 10/9/11, 1/8/12 and 2/5/12.
2. REHAB (NON-CAUSAL). STSSN# CRM120213-01. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/4/06. Turtle hand captured immediately after entrainment while floating down canal. Emaciated and lethargic. Transported by IRG biologists the same day to Loggerhead Marine Life Center.
3. REHAB (NON-CAUSAL). STSSN# STW120226-02. Turtle captured in tangle nets set daily by Inwater Research Group (IRG) biologists. Long line hook lodged in throat. Transported half-way to Sea World by IRG staff. Turtle transferred to Sea World personnel at Yeehaw Junction.

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NOTES

1. Adult female. Weight estimated using CCL to mass regression published by James, Sherrill-Mix, Myers (2007).
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/16/12 and 3/28/12.

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NOTES

1. REHAB (NON-CAUSAL). STSSN# DRC120401-01. Turtle underweight and lethargic with scutes sloughing off. Bone exposed on carapace from scute sloughing in two places (not fresh scrapes) and 5% of posterior carapace missing from an old injury (healed). Heavy epibiont load/coverage. SMCL is an estimate. MLC staff picked up turtle and transported it to the Loggerhead Marinelife Center in Juno for rehab.
2. REHAB (NON-CAUSAL). STSSN# JRG120409-01. Severely emaciated and lethargic. Recovered from 5-inch barrier net in the morning. Eyes sunken in and heartbeat visible (moribund state). Missing 15% from LRF and 10% from RRF (both healed). Heavy epibiont load. Turtle transported to LMC in Juno Beach by IRG biologists in the morning.
3. REHAB (NON-CAUSAL). STSSN #STW120411-01. Recovered floating at surface near barrier net (may have buoyancy issues). Perimeter of carapace broken at right anterior margin (14cm x 6cm; necrotic). Broken bone exposed with opening into body cavity. Lethargic & underweight with sloughing of scutes on carapace. Small 1cm hole in right anterior inframarginals of plastron. Transported by FWC sea turtle stranding coordinator (Amber) to MLC in Juno Beach.
4. Dermochelys coriacea. Relatively small leatherback sea turtle. Weight estimated at 450lbs (~200kg). Old discolored scar in left shoulder. CSCL was taken on the right side of keel. Over the keel curved length was 148.5. Fresh scrapes were minor. Biopsy taken.
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11 and 4/26/12. New inconel tag #BBR134 inserted today in RFF.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/12/07, 2/28/07, 7/12/07, 8/5/07, 9/8/07, 3/31/09, 12/2/09, 3/22/10, 10/12/10, 6/23/11, 10/20/11 and 4/27/12. Small deformity (lump) on last two vertebral scutes.
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/12/11 and 4/29/12. Recent shark bite in inguinal/ventral area of RRF. Bite was 10cm across and still healing. Shark rakings also on plastron, presumably from same attack (healing).

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NOTES

1. Adult female. Tail length = 225 mm. Moderate fresh scrape above left eye.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 2/16/12 and 5/5/12.
3. Adult female. Tail length = 190 mm. Large carbuncle on dorsal surface of neck (possible mating wound; 6cmx9cm). Multiple mating scars on ventral surface of neck. Deep moderate fresh scrape above left eye (skull exposed; 1cmx1cm).
4. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12 and 5/6/12.
5. Adult female. Tail length = 220 mm. Broken phalanges and circumferential laceration in distal LFF (necrotic tissue).
6. Adult male. Tail length = 420 mm. Sex determined based on tail length (even though SCL is not greater than 85cm).
7. Adult male. Tail length = 520 mm. Healed 12cm gash in anterior carapace along left side of nuchal and 1st vertebral scute (possible old boat strike injury).
8. Adult female. Tail length = 205 mm.
9. REHAB (CAUSAL). STSSN #STW120518-01. Subadult loggerhead recovered floating at surface immediately after entrainment. Animal lethargic with moderate fresh scrape on head (skull exposed just above left eye). Concussion was suspected because the turtle was behaving abnormally but otherwise appeared to be in good general health. Preliminary determination by IRG biologists was causal pending veterinarian review. Transported by FWC sea turtle stranding coordinator to Loggerhead Marinelifelife Center in Juno Beach.
10. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/12/07, 2/28/07, 7/12/07, 8/5/07, 9/8/07, 3/31/09, 12/2/09, 3/22/10, 10/12/10, 6/23/11, 10/20/11, 4/27/12 and 5/20/12. Granulated tissue evident in deep gash in dorsal surface of neck (2.5 cm long; possible old hooking wound).
11. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/30/08, 11/07/11 and 5/20/12. PAPILOMAS (Tumor Score = 1). One small pap at ventral base of RFF.
12. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/9/11, 1/8/12, 2/5/12 and 5/24/12.
13. Adult female. Tail length = 224 mm.
14. Adult female. Tail length = 195 mm. Deep gash in right side of face near jaw. Appears to be a recent injury, but not a fresh scrape (healing). Extra photo taken.
15. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 11/25/08, 11/4/09, 9/12/10, 9/7/11, 10/31/11 and 5/30/12.
16. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/21/05, 3/28/09 and 5/30/12. New inconel tags inserted today.
17. Adult male. Tail length = 523 mm.
18. Adult female. Tail length = 250 mm.
19. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/19/09, 3/8/10 and 5/31/12. Turtle has one extra vertebral scute.

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	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-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date
Captures	12	23	2	9	0	0	1	1	0	0	15	33
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	2	0	0	0	0	0	0	0	0	0	2
Fresh Scrapes	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date	Mar-	Year to Date
None	0	3	0	4	0	0	0	0	0	0	0	7
Minor	9	17	2	5	0	0	1	1	0	0	12	23
Moderate	3	3	0	0	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	25.0%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	9.1%

	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-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date
Captures	29	52	9	18	0	0	1	2	0	0	39	72
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	3	5	0	0	0	0	0	0	0	0	3	5
Fresh Scrapes	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date	Apr-	Year to Date
None	7	10	1	5	0	0	0	0	0	0	8	15
Minor	20	37	7	12	0	0	1	2	0	0	28	51
Moderate	2	5	1	1	0	0	0	0	0	0	3	6
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	6.9%	9.6%	11.1%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	8.3%

	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-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date
Captures	37	89	8	26	0	0	0	2	0	0	45	117
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	1	1	0	0	0	0	0	0	0	0	1	1
Sent to rehab	1	6	0	0	0	0	0	0	0	0	1	6
Fresh Scrapes	May-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date	May-	Year to Date
None	7	17	1	6	0	0	0	0	0	0	8	23
Minor	26	63	7	19	0	0	0	2	0	0	33	84
Moderate	4	9	0	1	0	0	0	0	0	0	4	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	10.8%	10.1%	0.0%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.9%	8.5%

	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	
	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date	Jun-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#DIV/0!	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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	
	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date	Jul-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date	Aug-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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	
	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date	Sep-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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	
	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date	Oct-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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	
	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date	Nov-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%

	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	
	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date
Captures	0	89	0	26	0	0	0	2	0	0	0	117
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	1	0	0	0	0	0	0	0	0	0	1
Sent to rehab	0	6	0	0	0	0	0	0	0	0	0	6
Fresh Scrapes	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date	Dec-	Year to Date
None	0	17	0	6	0	0	0	0	0	0	0	23
Minor	0	63	0	19	0	0	0	2	0	0	0	84
Moderate	0	9	0	1	0	0	0	0	0	0	0	10
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	10.1%	#DIV/0!	3.8%	#DIV/0!	#####	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	8.5%