

NRR-PMDAPEm Resource

From: Stephen Weege [steveewege@yahoo.com]
Sent: Thursday, August 02, 2012 1:44 PM
To: MTP@MyFWC.com
Cc: Dave Niebch; Dave Clark; Ed Hollowell; Jodie Gless; Ken Frehafer; Mike Bresette; Shelley Norton; Vince Munne; Meghan Koperski; EndangeredSpecies Resource
Subject: July 2012 FPL Marine Turtle Removal Monthly Report
Attachments: July 2012 Marine Turtle Captures.docx; Monthly Report Notes 2012.pdf; FPL St Lucie Capture Summary 2012.pdf

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

Dear Dr. Robbin Trindell,

Attached, please find the monthly summary of marine turtle removals for July 2012. This month, we captured thirty-three (33) *Caretta caretta*, ten (10) *Chelonia mydas*, and one (1) *Eretmochelys imbricata* in the intake canal of the St. Lucie power plant on Hutchinson Island. There were no mortalities or sea turtles sent for rehabilitation in July.

Throughout the month, the 5" barrier net experienced light to severe loads of jellyfish that entered into the intake canal, whereas algae 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 captured during the month have been included (see attachments/addendums). Also included is a spreadsheet for all captures, mortalities, injuries, and causal events delineated by species and by month for the year 2012. 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.

Sincerely,

Steve Weege
Sr. Environmental Specialist
Inwater Research Group, Inc.
4160 NE Hyline Dr.
Jensen Beach, FL 34957
sweege@inwater.org
(772) 349-7252

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Created By: steveweege@yahoo.com

Recipients:

"Dave Niebch" <david_niebch@fpl.com>
Tracking Status: None
"Dave Clark" <dclark@inwater.org>
Tracking Status: None
"Ed Hollowell" <Ed_Hollowell@FPL.com>
Tracking Status: None
"Jodie Gless" <Jodie_Gless@FPL.com>
Tracking Status: None
"Ken Frehafer" <Ken_Frehafer@FPL.com>
Tracking Status: None
"Mike Bresette" <mbresette@inwater.org>
Tracking Status: None
"Shelley Norton" <Shelley.Norton@NOAA.gov>
Tracking Status: None
"Vince Munne" <Vince_Munne@fpl.com>
Tracking Status: None
"Meghan Koperski" <Meghan.Koperski@MyFWC.com>
Tracking Status: None
"EndangeredSpecies Resource" <EndangeredSpecies.Resource@nrc.gov>
Tracking Status: None
"MTP@MyFWC.com" <MTP@MyFWC.com>
Tracking Status: None

Post Office: web130204.mail.mud.yahoo.com

Files	Size	Date & Time
MESSAGE	1518	8/2/2012 3:35:10 PM
July 2012 Marine Turtle Captures.docx	20392	
Monthly Report Notes 2012.pdf	98897	
FPL St Lucie Capture Summary 2012.pdf	540504	

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MARINE TURTLE REMOVALS ST. LUCIE PLANT INTAKE CANAL JULY 2012

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
7/1/2012	<i>Caretta caretta</i>		BBR282/BBR283	63.6	65.2	69.4	68.1	54.4	51.6	40.9	North net
7/1/2012	<i>Caretta caretta</i>		BBR284/BBR285	66.9	68.2	72.3	67.5	56.0	53.3	41.1	North net
7/1/2012	<i>Caretta caretta</i>	1	UUH859/UUX680	71.6	72.0	77.5	73.6	58.6	53.7	51.6	Dip net
7/5/2012	<i>Caretta caretta</i>	2	BBP224/BBP225	59.3	60.7	63.0	60.3	50.4	48.8	30.1	Dip net
7/6/2012	<i>Caretta caretta</i>	3	BBR187/BBR188	70.0	71.2	76.5	69.9	55.2	53.8	46.5	Hand capture
7/6/2012	<i>Caretta caretta</i>	4	BBR286/BBR287	91.9	91.9	98.4	88.2	66.5	71.8	93.1	Hand capture
7/6/2012	<i>Caretta caretta</i>		BBR288/BBR289	66.0	67.0	71.5	67.5	54.3	52.5	40.6	Hand capture
7/6/2012	<i>Caretta caretta</i>	5	BBR290/BBR291	88.4	89.9	98.5	85.0	65.2	66.6	90.4	Hand capture
7/6/2012	<i>Caretta caretta</i>		BBR292/BBR293	64.0	64.9	69.2	66.0	52.7	48.9	38.1	Hand capture
7/7/2012	<i>Caretta caretta</i>	6	BBP192/BBR294	69.5	70.6	74.6	72.0	57.2	54.5	45.5	South net
7/7/2012	<i>Chelonia mydas</i>	7	BBP244/BBP245	36.7	37.4	39.8	35.1	30.2	30.9	7.0	Hand capture
7/7/2012	<i>Chelonia mydas</i>	8	BBR134	50.6	50.9	54.7	47.1	40.3	43.8	19.2	Hand capture
7/7/2012	<i>Caretta caretta</i>		BBR295/BBR296	53.0	54.8	61.7	61.3	49.3	44.6	27.7	Hand capture
7/7/2012	<i>Caretta caretta</i>	9	BBR297/BBR298	100.9	101.5	109.0	101.2	76.9	75.2	147.1	South net
7/7/2012	<i>Chelonia mydas</i>	10	BBR299/BBR300	46.5	46.7	50.3	46.0	38.1	38.0	14.2	Hand capture

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
7/8/2012	<i>Caretta caretta</i>	11	BBR301/BBR302	86.3	87.7	92.4	86.2	65.6	67.4	92.7	Hand capture
7/9/2012	<i>Caretta caretta</i>		BBR303/BBR304	67.0	69.5	72.0	72.0	58.6	46.0	44.6	Hand capture
7/9/2012	<i>Caretta caretta</i>		BBR305/BBR306	58.3	59.5	64.4	63.7	53.7	47.2	33.4	Hand capture
7/10/2012	<i>Chelonia mydas</i>	12	BBR307/BBR308	92.4	93.3	97.4	92.7	75.4	76.1	110.6	Hand capture
7/11/2012	<i>Caretta caretta</i>		BBR309/BBR310	58.7	60.2	65.2	63.5	52.7	47.4	32.6	Hand capture
7/11/2012	<i>Caretta caretta</i>		BBR311/BBR312	66.2	67.6	73.5	67.5	55.9	49.8	40.1	Hand capture
7/12/2012	<i>Chelonia mydas</i>	13	453060194B	51.7	52.0	55.3	48.9	40.8	43.8	20.5	Hand capture
7/12/2012	<i>Caretta caretta</i>	14	BBR257/BBR258	65.8	66.9	70.0	68.5	54.7	51.2	41.4	Hand capture
7/12/2012	<i>Chelonia mydas</i>	15	BBR313/BBR314	55.2	55.3	58.7	55.3	45.0	45.0	22.8	Hand capture
7/14/2012	<i>Caretta caretta</i>		BBR315/BBR316	72.0	73.2	80.0	71.3	57.0	55.2	53.7	Hand capture
7/18/2012	<i>Caretta caretta</i>	16	BBR317/BBR318	94.3	95.3	100.9	93.1	76.2	74.5	134.5	Hand capture
7/18/2012	<i>Caretta caretta</i>	17	BBR319/BBR320	86.0	89.0	95.5	87.0	68.9	70.1	94.1	Hand capture
7/18/2012	<i>Caretta caretta</i>		BBR321/BBR323	71.0	72.3	76.0	71.5	59.4	53.6	49.5	Hand capture
7/18/2012	<i>Caretta caretta</i>		BBR324/BBR325	71.5	71.9	77.9	69.8	56.2	54.5	52.0	Hand capture
7/19/2012	<i>Chelonia mydas</i>		BBR326/BBR327	40.9	41.7	43.7	37.8	33.3	33.7	8.7	South net
7/20/2012	<i>Caretta caretta</i>	18	BBR328/BBR329	85.4	86.6	89.8	82.9	68.9	67.1	89.5	South net
7/21/2012	<i>Chelonia mydas</i>	19	BBP273/BBP274	44.6	44.8	47.4	41.6	36.3	37.1	12.1	Hand capture
7/21/2012	<i>Chelonia mydas</i>	20	BBR112/BBR113	44.5	44.7	47.1	42.2	36.0	36.7	11.1	Hand capture
7/21/2012	<i>Caretta caretta</i>		BBR330/BBR331	62.7	64.0	68.2	65.9	54.4	50.8	35.9	Hand capture
7/23/2012	<i>Caretta caretta</i>	21	BBR332/BBR333	89.8	91.1	95.1	91.7	74.1	70.7	108.6	North net

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
7/25/2012	<i>Caretta caretta</i>	22	BBR334/BBR335	90.6	91.9	96.8	91.6	72.8	71.7	99.4	Hand capture
7/25/2012	<i>Caretta caretta</i>	23	BBR336/BBR337	84.8	85.7	88.5	82.2	65.6	65.3	80.6	Hand capture
7/25/2012	<i>Caretta caretta</i>		BBR338/BBR339	47.5	48.3	53.1	49.0	39.5	36.0	15.6	Hand capture
7/25/2012	<i>Caretta caretta</i>		BBR340/BBR341	65.8	66.9	71.7	69.4	53.7	50.8	44.3	Hand capture
7/27/2012	<i>Caretta caretta</i>		BBR342/BBR343	64.2	65.5	69.9	67.8	56.6	52.0	42.5	Hand capture
7/27/2012	<i>Caretta caretta</i>	24	BBR344/BBR345	92.8	94.2	100.5	93.5	74.6	71.9	116.4	Hand capture
7/27/2012	<i>Caretta caretta</i>	25	BBR346/BBR347	95.6	97.2	102.0	90.6	73.5	74.5	117.4	Hand capture
7/27/2012	<i>Eretmochelys imbricata</i>	26	BBR348/BBR349	72.4	76.5	81.5	76.0	57.8	56.9	54.9	Hand capture
7/31/2012	<i>Chelonia mydas</i>		BBR350/BBR375	81.5	82.2	85.6	79.8	66.0	66.9	72.8	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.

SMCL = Straight Minimum Carapace Length

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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 Marinelife 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. PAPILLOMAS (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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NOTES

1. Adult female. Tail length = 222 mm. Necrotic bite marks on ventral side of neck (presumably from mating activity). Turtle also missing 50% of right rear flipper (healed).
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/27/12 and 6/10/12. Turtle missing 10% from the inside trailing edge of the left rear flipper (healed).
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 6/11/12 and 6/12/12.
4. Adult female. Tail length = 265 mm. Moderate fresh scrape above left eye. Turtle missing 25% from terminal end of right front flipper (healed).
5. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 1/7/10 and 6/12/12. Small broken J-hook in left front flipper near shoulder (necrotic tissue present). Minor healed flipper damage. Inconel tag inserted this capture in RFF. Extra photos taken of hooking injury.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 6/12/05, 4/17/09, 11/12/11 and 6/13/12.
7. Adult male. Tail length = 430 mm. Minor healed rear flipper damage. Moderate fresh scrapes on head and above eye (skull exposed on both).
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 12/4/08, 8/18/09, 9/15/09 and 6/20/12. Moderate fresh scrape on head (skull exposed). New inconel tags inserted today.
9. Adult female. Tail length = 256 mm. Shark attack victim. Large healing cuts and lacerations in right rear flipper from shark attack (5% missing; granulated tissue). Tooth puncture holes from shark bite in right posterior marginals.
10. Adult female. Tail length = 221 mm.
11. STRANGE TAG (PIT tag in right front flipper). Source of tag yet to be determined. Two new inconel tags inserted today. Possible mating wounds on neck.
12. Adult female. Tail length = 219 mm.
13. STRANGE TAG (inconel tag #XXV093 and PIT tag). Source of tag yet to be determined. Inconel tag #BBR267 inserted today.

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NOTES

1. 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, 5/20/12 and 7/1/12.
2. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/9/11, 1/8/12, 2/5/12, 5/24/12 and 7/5/12.
3. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/25/12 and 7/6/12. Turtle missing 40% from terminal end of left front flipper (healed). Old shark rakings on carapace (scarring evident).
4. Adult female. Tail length = 232 mm.
5. Adult female. Tail length = 200 mm. Wide and deep moderate fresh scrape immediately below nares.
6. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/18/07, 8/21/07, 8/24/07, 9/2/07, 9/10/07, 10/25/07, 12/17/07, 1/25/08, 4/6/08, 4/30/08, 7/13/08, 8/24/08, 9/13/08, 10/6/08, 10/18/08, 4/17/09, 6/17/09, 8/13/09, 10/27/09, 6/11/10, 9/15/10, 9/15/11, 10/21/11, 11/30/11 and 7/7/12. New inconel tag inserted today in left front flipper.
7. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/12/11, 4/29/12 and 7/7/12. Turtle has irregular scute pattern. Old injury on right posterior carapace.
8. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 9/18/11, 4/26/12 and 7/7/12. Turtle has only one inconel tag.
9. Adult female. Tail length = 303 mm. Old mating scar on ventral side of neck.
10. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 8/5/08, 5/10/11, 6/13/11, 7/25/11 and 7/7/12. Deep moderate fresh scrape under right eye.
11. Adult female. Tail length = 185 mm. Mating scar on left side of neck adjacent to carapace. Claw broken on left front flipper and compound fracture of distal phalange from entrapment (moderate fresh scrape).
12. Adult female. Tail length = 201 mm.
13. STRANGE TAG (PIT Tag #453060194B in right front flipper). Source of tag yet to be determined.
14. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 6/25/12 and 7/12/12.
15. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 3/1/04, 11/3/04, 11/21/04, 7/8/05, 8/12/05, 9/13/05, 4/24/06, 9/29/06, 11/19/06, 12/4/06, 12/9/07, 2/10/08, 4/3/08, 9/14/08, 11/26/08, 12/18/08, 12/14/09, 1/11/10, 9/21/10, 7/25/11, 10/13/11 and 7/12/12. New inconel tags inserted today. Turtle missing part of both rear flippers (flipper damage is healed).
16. Adult female. Tail length = 210 mm. Turtle missing 25% from lateral side of left rear flipper (healed).
17. Adult female. Tail length = 186 mm.
18. Adult female. Tail length = 182 mm. Multiple deep fresh scrapes around eyes and nares (moderate scrapes from entrapment).
19. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 10/04/07, 10/20/11 and 7/21/12.
20. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 4/11/12, 5/6/12 and 7/21/12.
21. Adult female. Tail length = 180 mm. Turtle is missing 40% from terminal end of right front flipper and 5% from distal trailing edge of left front flipper. Flipper damage is healed.
22. Adult female. Tail length = 211 mm.
23. Adult female. Tail length = 206 mm.
24. Adult female. Tail length = 240 mm.
25. Adult female. Tail length = 244 mm.
26. Adult female hawksbill. Tail length = 137 mm. Moderate fresh scrapes on head (skull exposed).

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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	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-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date
Captures	30	119	5	31	0	0	0	2	0	0	35	152
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-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date	Jun-12	Year to Date
None	5	22	0	6	0	0	0	0	0	0	5	28
Minor	22	85	3	22	0	0	0	2	0	0	25	109
Moderate	3	12	2	3	0	0	0	0	0	0	5	15
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	10.0%	10.1%	40.0%	9.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	9.9%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date
Captures	33	152	10	41	1	1	0	2	0	0	44	196
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-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date	Jul-12	Year to Date
None	4	26	2	8	0	0	0	0	0	0	6	34
Minor	26	111	7	29	0	0	0	2	0	0	33	142
Moderate	3	15	1	4	1	1	0	0	0	0	5	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	9.1%	9.9%	10.0%	9.8%	100.0%	100.0%	N/A	0.0%	N/A	N/A	11.4%	10.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date
Captures	0	152	0	41	0	1	0	2	0	0	0	196
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-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date	Aug-12	Year to Date
None	0	26	0	8	0	0	0	0	0	0	0	34
Minor	0	111	0	29	0	0	0	2	0	0	0	142
Moderate	0	15	0	4	0	1	0	0	0	0	0	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	9.9%	#DIV/0!	9.8%	#DIV/0!	100.0%	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	10.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date
Captures	0	152	0	41	0	1	0	2	0	0	0	196
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-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date	Sep-12	Year to Date
None	0	26	0	8	0	0	0	0	0	0	0	34
Minor	0	111	0	29	0	0	0	2	0	0	0	142
Moderate	0	15	0	4	0	1	0	0	0	0	0	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	9.9%	#DIV/0!	9.8%	#DIV/0!	100.0%	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	10.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date
Captures	0	152	0	41	0	1	0	2	0	0	0	196
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-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date	Oct-12	Year to Date
None	0	26	0	8	0	0	0	0	0	0	0	34
Minor	0	111	0	29	0	0	0	2	0	0	0	142
Moderate	0	15	0	4	0	1	0	0	0	0	0	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	9.9%	#DIV/0!	9.8%	#DIV/0!	100.0%	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	10.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date
Captures	0	152	0	41	0	1	0	2	0	0	0	196
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-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date	Nov-12	Year to Date
None	0	26	0	8	0	0	0	0	0	0	0	34
Minor	0	111	0	29	0	0	0	2	0	0	0	142
Moderate	0	15	0	4	0	1	0	0	0	0	0	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	9.9%	#DIV/0!	9.8%	#DIV/0!	100.0%	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	10.2%

	Loggerheads (<i>Caretta caretta</i>)		Green turtles (<i>Chelonia mydas</i>)		Hawksbills (<i>Eretmochelys imbricata</i>)		Leatherbacks (<i>Dermochelys coriacea</i>)		Kemp's ridley (<i>Lepidochelys kempii</i>)		Overall Totals	
	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date
Captures	0	152	0	41	0	1	0	2	0	0	0	196
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-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date	Dec-12	Year to Date
None	0	26	0	8	0	0	0	0	0	0	0	34
Minor	0	111	0	29	0	0	0	2	0	0	0	142
Moderate	0	15	0	4	0	1	0	0	0	0	0	20
Severe	0	0	0	0	0	0	0	0	0	0	0	0
Percent with mod/sev scrapes	#DIV/0!	9.9%	#DIV/0!	9.8%	#DIV/0!	100.0%	#DIV/0!	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	10.2%