

Honulani

LANIAKEA

NORTH SHORE

2003-

July 2003 - alco™ 2004

JUNE 2004

Composition Book

Name GEORGE BALAZS

(808) 281-2899

School

Grade

2 OF 3

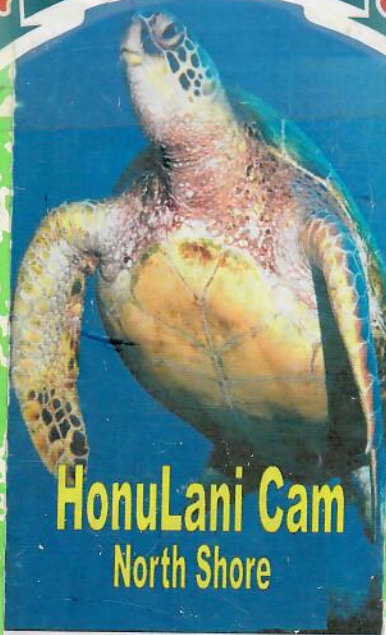
Wide Ruled

61-581 KAHAKU LOA WAY
96712

9 3/4 v



HONU BEER



Honulani Cam
North Shore



THIS SIGN IS
U.S. GOVERNMENT
PROPERTY

BALAZS

(82)

October 9, 03
THURSDAY

Above shore at Lomakes

1:30 pm. As I was pulling in the driveway ^{MT L7} with Gray ^{3/4 lid} TDR was hauling out to bask. L10 already ashore far end by rocks. Put box on him with Joanne's help 2:16 pm - took out single screw and unslid lid - easy to do - lifted out MK9 - some sand inside - replaced it with new MK9, screws lid back on and let the turtle go. Almost at the same time as release Brutus (old L1) hauled out nearby to bask - boxed 2:33 pm ^{motor} released 10 min later to let the paint dry. At about 4 pm "L4" female with TDR black hauled out to bask - PVC has some deep scrapes. L4 was still out at 11:15 pm night when I last checked, but not at 5:15 am when Joanne checked.

At 7 pm (Sunset ~ 6:15 pm) L8 hauled out 10 yards from L4. Rained about 8 pm, and off and on, but turtles stayed put.

From ~ 2 pm to 5 pm Hawaiian

* NOTE Between ~~Friday~~ 10/26/03 and Wednesday 10/8/03 There were
(no turtles basking - due to north wind)
Thursday a man and woman with plastic bags of Ulva
feed the turtles - shared lime with
Japanese and local tourists couple.

At times they had 6 turtles around them including L7.
L8 was also there basking at 1115pm, but not at 515am. L10 went back about sunset.

About 430pm Joanne showed me the "Honorary Nation" turtle flag she had made from a green bought at a faleiiva shop. She hoisted it and I took pictures.

Oct. 10, 03 - (100pm L4 ^{TDR} is one of several in shallow water swimming w/people)
Friday

Up ~ 7am - worked on computer.
Picked Ulva on far limestone bench (one small bucket full)
3-4 elderly people came to swim ~ 8am.
Turtle in water first seen ~ 1030am.
Sat on beach with notes 1130am - 1pm.

1pm ~ 30 people, 3 in water - no major feeding happening; perhaps 3 turtles total in water includes L4.
Overcast but periods of sun, gentle swell ~ 20 surfers offshore. L3 & L4 in water next to one another.

115pm Lots of people -
115pm L3 out in wave wash near,
144pm L1 got to bask - far beach.

(84)

L6

OCT 10, out 209pm out to bask.

03

Friday LI returned ~ 245pm

Demonstrated that turtles can be attracted into shallow enough water to capture.

LI BASK
out = 145pm

230 - 300 pm I fed bucket

of OLVA 4 came = L4 +

Small Adult ♀ right posterior eye nodules +
Small maturing ♂ + long tail maturing MALE

German Couple came back after tour 10/9/03

262-1000 ~~wood~~ ^{sent}

~~Hawaiian~~ DIETER'S ^{Daily} arrive ~ 3pm ^{sent}

DIETER'S CREATIVE TOURS
HAWAIIAN ISLE KAILUA, HI 196

~ 4pm

4 up LI L10 L6 & ^{mountain} ^{to} ^{mountain}

Boxed unmarked now "L11" Michael SAIZ

Shawn Cummings assisted + Health worker doing story on Community service.

L11 was boxed and released without the two nearby turtles going back into the water.

~ 6pm Shawn returned from snorkeling - had caught a small turtle entangled. We worked it up at the unit and released about sunset.
MT = CL for "Claire". Depart ~ 7pm for home.

Need close PAIRS

(85)

10/13/03
Monday
(Discovery's Day)

Respect Haver's HONU's

(Arrive ~ 4 PM.
L4, L1, L6 basking -
L4 went back in but
came out about 5 PM
right next to L1 =

Nose to tail
then along side.

3 There ~~was~~ when I left at 7:15 PM
(Sunset ~ 6:15 PM).

Painted pipes of camera mount black. put
up American flag sticker.

Started making 2 set-up signs for
the beach.

Joanne noted that Easter Sunday was the
day there were 7 basking ashore -
lots of people.

Idea: Turtle Sand Creation contest.

Categories:

JOANNE told of recently seeing "island people" on the beach
at night - by turtle handling turtle. She asked them to
leave the turtles alone.

Sent

Hawaii
HealthGuide

www.HawaiiHealthGuide.com

Michael Saiz

michael@hawaiihealthguide.com

808.638.0888

Hawaii Health Guide

P.O. Box 562

Haleiwa, Hawaii 96712

(86)

October 16, 03 Arrive 2:45 pm
Thursday

→ 3PM LI hauled out.
"DANGER no swimming sign" is posted.
Currents? Swell^{surf} up but not washing
up the beach very much. 2 channels ^{separated by lay}
wedding at 4:30pm. Fishers off properly
a few days.
Depart 6:30pm.

October 17, 03 Arrive Lanihale ~ 2:30pm - bought
Friday ^{a small} dinner at Costco.

Weekend LI was on the beach when I got there -
wave wash hitting him every so often. Glare
from setting (afternoon) sun getting worse
presumably due to sun moving southward
(toward Kaena Point).
COW
Tide
8pm

Johnnie reports that LI was
out from 11AM today. Returned at 4PM
as swell got larger. A surfer said
the surf had doubled in size in just
the last 2 hours.

At ~ 4:30pm I walked the beach from
Lanihale to Papaloa right of way. Nightband
dove at first house "Kai HALE LOA" is gone.

need ^{connect} move signs up higher, done

→ picture of beach w/cam - daily shown

(87)

10/17/03 only one turtle seen - it didn't seem to be Friday faddy. Walked back on roody picture of sunset, at 6:06 PM fisherman w/3 poles silhouetted.

Dinner at Phoebes, Campfire on beach when I left at 6:45 pm. They didn't stay past ~9 pm. Marc Rice arrived Jan 8:30 pm.

No turtles out basking - last check ~ 11 PM.

10-18-03 SATURDAY up ~ 7:30 am - surf large 10-15' rolling in up to ironwood tree at

Largest North swell yet of the season

On the water
OAHU SURF REPORT
Forecast surf heights are estimates of the height of the faces or fronts of waves. This may be up to twice the surf height traditionally reported in Hawaii.

Wave height forecast:
North: 10 to 12 feet
South: 2 to 4 feet
East: 3 to 5 feet
West: 6 to 8 feet

Extended forecast:
Surf heights are expected to reach the North Shore advisory level of 15 feet tonight and persist through tomorrow. Other swells are expected next week.

MARINE ADVISORIES
Coastal waters: Winds north-east at 15-20 knots today. Wind waves 3 to 5 feet; a 4-foot north-west swell. Visibility generally clear to the horizon.

Friday 17 Oct 03 HSB



times. ~ 20 people on beach - several in water at a time, but no adult turtles around them. Painted top of ~~12 noon~~ Sony camera black to mask. Spotted 4-5 juvenile turtles in calmer, protected areas of cove, near rocks. (next page)

10/18
Melissa Mc Callon
54-026 Waikulama St.
Honolulu, HI 96717

HSB antihale sent 1/04
Ava - baby NAME
Take picture regularly of baby on blanket next to basking turtle.

(88)

Oct 18, 2003 ^{juveniles not normally} seen in here.

Saturday need onset tidbit under boulders
of core-tie line also (or, silicon it into crack of
rock and place in ocean).

concrete do not touch BASKING JAPANESE
English

Sign Count =

~~BOLTED UP~~
SIGN COUNT =

Moved 3 concrete signs ^{landward} inland. ^{"migrated for the winter"} left heaviest one ^{wedged} between
Pech's Cove, Chunt, Aci, PAPA/LOA,
Puenalont.

No large turtles seen close to shore, even
though a number of people were in the water
playing in the surf.

Departed ~ 3:30 pm

Summary: From ~ 3:30 pm ^{10/17} Friday to 3:30 pm
10/18/03 Saturday - no baskers / no pods
in shallows near beach. Further no
no baskers seen Friday am or Sat. pm.
Largest surf yet of this season.

need-vitamin C
- ZINC 60 mg

(89)

10-26-03 Sunday

Arrive 2:45 pm "L2" basking ("L2" is fading or growth getting on it).

3:30 pm LI out nearby.

Surf declining. one turtle seen in water near people.
- Put turtle emblems on signs + posts.

Beachgoer said LI out all day "SAT. 10/25".
Also she saw LI mounted on LIJ (innkeeper Hale?), 5 turtles in the water - "when people came (to feed) the turtles came."

Depart 6:30 pm. Low tide + surf seems down.

10/26/03

(Sent)

Heidi Bailey
66-429-B PAALAA Pt
Haleiwa, HI 96712

Person met at the beach at 6:15 pm - participates in Mark's beach clean-ups - lives on North Shore.

Hardouts sent 2/2/04 + 2/1/04

Both L1 & L2 on the beach when I left at 6:30 pm. Joanne and friend walked beach last night 10/25 and tonight and reported seeing

Grand Cayman Island 10/20 - 10/25/03

10/26/03 juvenile with double golf-ball sized
Sunday tumor above right eye.

11/6/03 Arrive 3pm. 4 out basking
Thursday L7-L2 L4-L6 ^{middle} beach

overnight Earlier L2 & L6 ^{impact} were seen 11:50pm
from camera before I left.

Washed camera lens. ITP Scoping meeting
Haleima. L2 & L7 there at 11PM
when I went to bed. L7 only at 6:45am

11/7/03 Friday going back to the ocean,

11/7/03 Friday Depart Lanikea 7:15 am. 1 hour to drive
to office. Not heavy traffic.

11/8/03 Arrive Lanikea ~4pm w/K.S. Cheung
Saturday w/gov. truck. wedding at main house
(\$1900 on daytime only). 4 on beach
including L7 (L1, L2, L4).
Rotated (EXchanged) L7. T&E

Depart 6:15 pm.

10-31-03 Friday

See p. 119

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TO, Genieka arrived 4:30 pm Friday 10-31-03 low tide
 but no surf. No baskers all day
 but L7 seen feeding on rocks to right
 - 2 pm. 3:15 pm (L7) hauled out right
 when 7-15 people from tour van walked
 down beach. 3:40 pm Andy, Joanne and
 I boxed the turtle. Unscrewed lid
 and took out MK9 TDR # 0290200 - #0290199
 replaced with one previously removed/downloaded
 from MK L7. Reversed lid and screws
 Box off at 3:45 pm. Turtle went back into the water.
 Depart 5 pm

11-16-03 Sunday Arrive 7:00 pm. L1, L2
 and L7 near on the beach.
 Brought East Island 2 buckets of sand to store
 Boulder stored across the street for wall of
 new home to be built. Sand seems to have
 same back a lot as Honolulu beach.

11/17/03 Monday

"The turtles show
 When the people show"

Departed - 2 PM 11/17/03

~~Wool~~ but returned
 to deliver
 Kim Barnhart
 134 Kapahulu Ave.
 Honolulu, HI 96818

Tattoo AT Live
 Bikini Hawaii
 11-8-03

not
11/17/03

Melissa Ortong
375-9130

+ "Georgia"
"GA"

cloudy

313 Kam Hwy
Atlantis (By Letters)

AT
FF employees
"stumpy"

Rent - Been their since
July - but neighbor friends
have been their longer.

"frumpy"
NO MT on their
beach

Right-of-way access nearby.

1627 h

12/17/03

released LI

Mistakenly
written here

See p. 95

leftovers

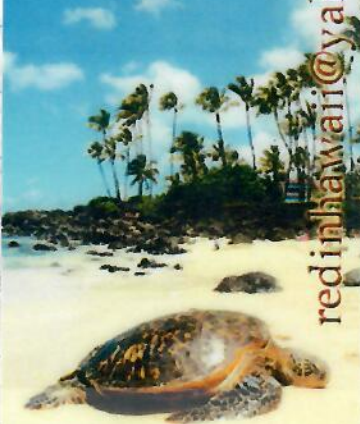
93

Melissa Ortiona called on 8/20/03 to report "AT" was basking by Alligator Rock. She also said she saw "GA" a few days before basking in the same area. Cody took the call.

Melissa called again on 8/22/03 to report seeing "GA" basking behind her house. She wanted to know more about tumors, like will they cause blindness, etc. Regina took the call.

"GA" was first reported on 10/26/02 by Bob Thorp via Regina in front of contact's house, 61-303 Kam Hwy, Haleiwa. Regina and Cody responded. SCL: 77.3. Tumors on eyes, mouth, neck, FFFs, TS=3. 6cm hook found. imbedded in LFF tumor. Released on 10/29/02 by GB/SE at Haleiwa Alii Beach Park. Sighted again on 1/8/03- Alligator Rock, 5/5/03- Chun's Reef, 8/17/03- Alligator Rock, and 8/22/03- Haleiwa. PIT Tags: RHF: 4135206432 and LHF: 41357E622D

Red Mahani
Photography
Digital Art



redmahani@yahoo.com

(808) 371-6008



BANANA
.....
SLUG
.....
STRING BAND

Doug Greenfield

303 Keystone Ave Santa Cruz CA 95062
831 429.9806 ph/fax
dougdir@bananaslugstringband.com
www.bananaslugstringband.com

Slugs on the Path

December 4, 03

Wednesday

Arrive 2:45 pm
LI on the beach

between rocks.
Washed lens.
Took first picture of Beach
showing erosion.

December 14, 2003

Sunday 2:15 pm arrival

L4 & L7 out basking by
rocks. Pictures taken.
Met man of Hungarian ancestry,
Monica Letler reported
that her sons saw small turtles
with tumors on a night point
rocks. Joanne and I retrieved
it - very emaciated. SCL = 50.5
TO MHC 12/15/03. 6pm departed
L4 L7 out

December 15, 2003

Monday

Arrive 1:30 pm

(L1, L11 & L6)

near each other mid
beach. Depart 6pm all 3
still there.

Need 120' extension cord

(95)

12/15/03 Telecom with Monday Jerry Bacon

Saw LF 12/7/03 on beach at Lanika and wanted information tel. 754-5059

12/17/03 Arrive 12:10 PM Big Surf!

Wednesday Move at 12:30 PM body with electronic scale concrete "bite" sign 1 PM

Geop. 45 13:18h LI up emerged to park Attached (new) MK 7 7 7 7 7 7 7 7

people that came to watch,

need print picture Ryan Cragion Family welder 1618 MEADOW PL (rent) SUO HOMISH WA 98290

TATTOO on ARM Holding child w/ wife

(rent) Amy Hargrave 1945 Kikawelo St #B Wahiawa, HI 96786

need print picture 2 daughters Grandmother Grandfather

Geop. 50

"Sacred Balance" video recommended by * Evelyn LANE * COMPLAINED ABOUT MULTIPLE THINGS.

called DOCARE

Ernest Crawalo (Ernie)

opole has home in Kaimuki - large shells

FATHER 80 years old Turtles taken - Airport fished

(96)

Marc and I took concrete sign (first one) out of rocky area and up beach away.

12/17/03
Wednesday

~ 7^{PM} Marc took us to rocky cove next door
Red Star 7 turtles here

Dinner at Cholos | 3 nights ago.
None seen tonight

Checked beach at ~ 11:30 PM - no turtles, even though tide is suppose to be 1.7 ft high it seems low. (due to exposed rocks?).

12/18/03
Thursday

up ~ 7:30 AM - surf down

from yesterday
2 juveniles seen feeding in the cove.
no baskers all day.

Caught juvenile at rocky point - motor pool

4:17 PM LI hauled out while we watched.

Still there at 6:30 pm, but

not there at 8 pm - waves on beach where it was basking.

Dinner Again at Cholos ^{some other place}

8:30 - 9:15 pm GB, JPM, ^{some other place} walk of rocky coast Honolulu to Cholo's

only 1 sea turtle seen ^{50m} in beach cove. no others seen

Before Rock Cove, near Lanikai is Tucker Cove - near Dr. Tucker's house

Need

**UNIVERSITY OF
WISCONSIN
MADISON**

Yun-Che Wang
Ph.D. Candidate

Engineering Mechanics and Astronautics Program
Department of Engineering Physics

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yunchew@cae.wisc.edu
http://www.cae.wisc.edu/~yunchew

From
Towson
w/whan

Present
with LI
12/17/03



David Podraza
Travel Counselor

Travel

Sent

American Express Travel
2840 S. 123rd Ct.
Omaha, NE 68144
Tel: 402.697.5300 Ext. 13267

American Express Travel Related
Services Company, Inc

need pictures -
helped to take
LI back to
the notes 12/17/03

Found a rock w/ PkA to silicon cement in T.D bit layer.
need 2.

12/18/03 Walked back along highway.
Thursday TO bed ~ 11:30 PM - last check at
wall using light - no turtles seen.

12/19/03 UP ~ 7:30 am. no turtles or tracks.
Friday present. Marc departed ~ 9 am.

Considered setting up Howlani Cam with
video recording capability - but - didn't want
to disassemble camera to tap in (but covered
cut hole in case); and need for AC power.

During past 10 days Jenne
commented on seeing L8 on
beach at night

12/19/03 I left ~ 10:45 am - Christmas party
Friday at Lab.

12/21/03 Arrive ~ 3:45 PM
SUNDAY 20 people on the beach.
Unmarked ♀ with slight prolapsed
slooca sdited against rocks - no
PITS. SCH 87.3. photo ^{between swim} _{upping signs.}

L7 on the beach when I arrived
but just going back in ~ 4 PM. Stayed
in for awhile then came out.
~ 4:30 PM several people feeding
algae. L3 was there eating
algae from people, + smaller (subadult)
and maybe also a juvenile (uncertain).

Saw Nalu & San Juan emptying recycle
containers ~ 6:15 PM.

At 6:25 PM I exchanged MK9
in L7 + ~~0290197~~ pot (11).

~~0290000~~ Taken out for FedEx
to Macc Rice 12/22 Monday.

Corrosion again noted on water contacts.
Departed Lameda 6:35 PM

12/23/03 Arrive w/ DATA 330pm
Tuesday No turtles out basking, but
beachgoers said (L4) was in
shallow by beach "most of the
afternoon". no turtles ^{night}

12/24/03 ~
Wednesday 10 AM large turtle no apparent
marks chose to beach -
a few people feeding it small pieces
of lime. Another turtle seen
feeding off point. 11 AM (L4) + 2 others
close to shore NO MARK
Beach closed?

Depart 11:55 AM

12/25/03 No turtles out basking the entire day.
Thursday Repeated checks made with the camera.

12/26/03 via camera 5:55 - 6pm sunset dark
Friday out Basking: L11, L1 and ONK (facing
mid-beach camera can't see
Side-truck)
+ L3 near beach

2:30pm via camera L3 + L11 (adjacent to 2 rock low towers)

Saturday - Calm in Honolulu Cove - Surf break down,
no wind.
2:45 pm Saturday arrive GB Jib

12/27/03 ~ 3pm. L1 out to bask
L3 already out when we arrived.

12/27/03
Saturday

Talk ^{cleaning lady} with Donna
SEAVIEW INN Donna
Grandpa LANTAKA (Philippine)
owned pens - fish w/ nets of your boat Puna Point

L3 back in from basking
at 403pm.
L6 (L7) + 2 adult no marks
in shallows feeding from at least
2 330 pm to perhaps 430pm.

Beach goer reported seeing L2 broken shell
yesterday.

12/28/03
Sunday

helped
w/L2
marking

digital and
print film
photo of him, wife, daughter, pregnant
(died 12/03) and
one or two daughters
and other children
George Kenai
178 Lakeview Circle
Wahiawa, HI 96786
Kenaijr@hawaii.rr.com
or Kenai03@cyber.com

need
post-mortem
picture
w/turtles

MK7 #007083 (W)

(101)

640 pm 1
12/27/03

BASKING
OUTSIDE LI -

Saturday DAEA & I "Boxed" IN dark - 3pm 6:40pm HURD TO PLY OUT TDA. IN BOX 2 KM W

Traded - Took out MK7 #007084^{OUT} Fedex to MACC.

Storm clouds on horizon - some distant lightning flashes. water of this MK7 are smooth (without corrosion) on surface of cast.

LI returned to the sea after box was removed - about 645 pm.

Got pizza from pizza Hut Haleiwa brought it back to Honolulu.

Low pressure said to be approaching - = rain to start to night.

10 pm - lots of flash-in-sky lightning (but not lightning bolts).

12/27/03 - Checked at 11 pm - no turtles
SAT

12/28/03 Checked at 4 AM - no
NO WIND & CALM SEAS - Good surfing - Partly cloudy w/sun.

Sunday turtles - But fisherman there with 3 large poles. He left ~ 7 AM - 9:30 am UNMARKED TURTLE IN shallow water by beach.

12 NOON L7 hauled out to bask.

LI FT. Ineed/LOOK AROUND A LITTLE WHEN BREATHING
MID-Beach.

Need -
Turtle Decays
on beach
of Humms
Decays
on beach

But the rocks on the beach look like turtles?

Please Take one
width of sawhorse =

12/28/03 L3 1230pm
Sunday unmarked 1240pm
L1 1245pm
L7 ~ 1pm

out basking
mid beach
mid beach
mid beach

L11 - ~ 1pm

Wood post

G1cheez97@yahoo.com

Print picture

Nick Chase

4605 Parktrail Ct.
Santa Rosa, CA 95405

TORTISE
TATTOO
Right Arm

See
data sheet
p. 55

w/Andrew
little boy (girlfriends
5025

♀ - Dana, Joanne, and I boxed an unmarked
Boxed at 115pm - while we
were collecting data there were 3 other
turtles nearby on the beach

L1, L7, L11 (immature male)

boxed for TDE switch
2/27/03 6pm

1130AM Pat Tid bit sliced into smooth rock
into tidepool in cove

Afterwards Dana and I walked to
Joan Peck's rocky cove. Met Diane &
Scott, Diane is Joan's daughter.

~4 in cove - 1 large Subadult and 3 juveniles - one

Pictures
between
pictures, 1
by the people.

"Why are all the
Big Turtles here,
and small ones
at the other places?"

103

12/28/03 Pods
Sunday of the juveniles was up 3/4 dry on a
rock looking very uncomfortable. Seen
from a distance (no tumors visible).

Departed at ~3 pm.

12/28/03
Sunday AT 5:30 pm L1, L7 and L11
were still out basking.

12/29/03
Monday 115 pm via Camera L1 came
out basking.

1/1/04
Thursday (like people) after the rain started.
Heavy RAIN in the pm.
"Artsy" picture of RAIN on
globe using Hovulapi CAM.
Grass ~~was~~ flooded.

12/04 GB & GCB
Friday Arrive ~ 12:45 pm L1
Mid beach out - RAINING
steady.

1/2/04
Friday

1:55 pm L1

Shell 81°F

Flippers 79°

Sand & rock nearby 78°F

Sand & rock under tree 73°F

Needed seawater though!

Departed 5 pm L1 still on the beach
and still raining "cats & turtles". Calm Sea

1/3/04

NO RAIN - Sunny - drying up.

Saturday via camera at 12:30 pm

JUST out = L10 and L3

AT 2:10 pm - at least 3:45 pm L6

L11 + TORTURIE likely L4
(Five total.)

Same 5 (and one that was behind
a rock) still on basking at dark
6:30 pm. Electric gate open.

1/4/04

Sunday

VIA
camera
from home

9:45 am

btst

L1 & L10

Mid beach

newly up today?

ARRIVE
w/DARA
1/4/04
Sunday

1 PM
UPON ARRIVAL
4 Turtles out -

Michael Herrera
Foot TATTOO
Surf Magazine
(AS for Heidi)

(105)

1/4/04 Sunday
L1 L3, L11 L10

Boyfriend
MARK
TOGETHER

photos
Very INTERESTED
IN SEA
TURTLES.

Cindy Rishavy
1445 Frankson Ave.
St. Paul, MN 55108

Deakos
works
for Lou Herrera

rish0009@umn.edu
651-492-8868

Send literature assortment
2nd year student
Rent

University of Minnesota Veterinary School

1/4/04
Sunday

2:2 PM
L3 = feel

in wet sand 94°-96° F
FF 91° F HF = 82° F
wet sand = 78° F

L10 = Shell
Dry Sand - 98° F
Sand = 85° F
Head - 91° F
FF - 88° F

L1 = Semi-damp Sand = 89-92° F
Shell 105° F 106° F
FF 99° F
Head - 91° F

82° = ~~Shell~~ BOX
90° Shell
GOTO p. 108

106

Date: Mon, 5 Jan 2004 07:52:59 -1000
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Papailoa turtles

James Baptista, 637-4048, 61-769 Papailoa Road.

Acut

He said that he knows there are basking turtles at Papailoa for some times now. Lots of people have been taking photos of the baskers, there are some people (like the haoles and tourists) that are getting too close to the turtles and bothering them. He's warned people, they don't listen. He knows he should be calling enforcement, but wanted us to know.

L2 ^{seen} Thanksgiving Day #3517 HPD officers

next to L1

(108)

L11 - shell
FF 99°F

106°F

LOPING

Head - 99°F
Sand - 92°F

Water 68 - 72°F

~5 day old - first seen
3-4th lateral RIGHT
Dime-size
Bore - deep injury TO L11

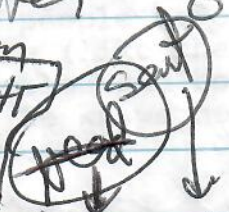


photo with
TWINS

Chelsey & Talia Ruth
1247 Ala Kapuna St. #303
Honolulu, HI 96819

320m picture

1/4/04

sent
LISA SCHWARTZ

252 W. 30th St #8A
New York, NY 10001

2 picture w/ Girl
1/9/04 Friend of L3
2 Baskets L1

~430pm Renewed ^{Motorboat} point on L11, L3
and L10. evidence, especially
on L10, of glowing ^{MT} book.

L3 = 86.9 SCL
L10 = 65.2 SCL 64.8 = 10/2/03
L11 = 78.1 SCL

1/4/04

Heidi reports that L11 had (has) hook
in left front flippers.

Monday
1/5/04

Arrive w/ Cody + Heisty Wong ^{Heaven}
1245pm - Departed

about 4:15pm. Sunny. Choppy dirty
water surf. only a few surfers - but out further -

"HIMALAYAS"

Cody jobs: Archaeology of - Pottaku LOA

- Cost of Rental House
- ~~Mantaras~~ (me - turtle decay).
- MANNEQUINS/MAWIKIN
- Greg Ambrose Surf sites book

Second Day of LI there about 3:20pm ^{VIA Canyon}, but not there
 putting at 1245pm arrival.
 no (other) turtles out to bask during our
 "handouts" time there, but at least three seen
 in house close to shore back and forth, at times
 being fed sops by people. One of these
 was L10 (fresh painted yesterday) +
 a subadult with no apparent MT
 but light-colored (new growth) areas
 along the seams. Should be
 recognizable in the future.

We proceeded to put out "Warning Turtles
 Can Bite" concrete sign - on rocks
 just above "Do not touch the turtles"
 sign. Then we removed large (first)

watched for turtles feeding in seaweed
cove in front of estate - several seen - one
with large tumor on head.
1-5-04 Concrete sign from beach due to
Monday 1) Sharp edges 2) Sand-eroded lettering
3) excessive weight of this one.
~ 2:30pm put 2nd Rock w/ IDBITE in Tidep
~ 3pm The 3 of us walked to
Pect's Cove (via road). No turtles on
or within cove rocks. one seen surfacing
in channel. walked back along
rocks to cottage.

Drove to Papilio's Right-of-way.
walked to left. Lots of dirty water wave
action. A few juveniles seen but not very
close to beachrock.

Probably been out since 1PM today
Tuesday Arrived ~ 4:30pm Home.
1-6-04 LI out. Calm wind.
Water still dirty.

LI Still out 11:30 PM, getting
but splashed by waves, Cold A/R!
GRASS 54°F Rock/Tree 61°F
w/Radiometer.

At Sunset I picked seaweed.

PLANNED & sent 1/8/04 TO: N=7

- Dieters Creative Hawaiian Isle
- Polynesian Adventure TOURS
- Island Scenery
- Russia Hawaii TOURS
- Island World tickets & TOURS
- E. NOA Corporation
- Roberts

1-7-04 up ~ 7:15am no turtles
 Wednesday on the beach - but
 waves had washed up to
 where LI was laying last night.
 12 NOON - L10 got to beach.
 ~ 1:15 SEVERAL people in the water, feeding 2-3
 turtles. Between 2-2:40pm I
 fed the algae collected last night.
 L12 and unmarked came
 to eat - unmarked (w/ 7 cents - full
 size female). Didn't seem all that
 hungry, but did eat. Seemed to get
 more excited when L12 showed up.
 Several times during feeding the
 unmarked was in the shallow
 wave wash letting herself be exposed.
 water still dirty. Very little wind.

Depart 3:30pm

(11)
1/7/04
Wednesday

3:15 pm in shallow

L11 + another unwashed (♀?)
+ (L4) + unwashed
+ L12
5 total in shallow

L10 = 103-104° F shell
sand on shell - 95° F

3:30 pm

Light
to
NO
WIND

102-103° F Neck

96-98° F FF

102-103° F Head

86-87° F wet sand

L11 just out 3:35 pm

89-90° F dry side of shell

74-75° F wet side

Neck - 83° F

Seawater 73-74° F

NOTE

2 GIRLS - Grandparents + parents
from Carola - "waited a whole
year to come back to see the
turtles"

Oahu Tour Operators- Laniakea

| Name: | Address: | Phone: |
|---|--|-------------------------------------|
| <i>sent 1/8/04</i> Dieter's Creative Hawaiian Isle | PO Box 1796 | Kailua 96734 262-1000 |
| <i>sent 1/24/04</i> X Discovering Hidden Hawaii Tours | 3121 Mokihana Street PO Box 88022 | Honolulu 96817 737-3700 |
| <i>sent 1/24/04</i> Discovery Aloha Inc. | 2155 Kalakaua Ave., Suite 620 | Honolulu 96815 926-4716 |
| <i>sent 1/8</i> E Noa Corporation | Pier 31 791 N. Nimitz Hwy. | Honolulu 96817 596-8073 |
| <i>sent 1/24/04</i> Ichiban Taxi and Limousine | 2114 Liliha Street | Honolulu 96817 595-7733 |
| <i>sent 1/8/04</i> Island Scenery | 339 Saratoga Road | Honolulu 96815 |
| <i>sent 1/8</i> Island World Tickets and Tours | 205 Lewers Street | Honolulu 96815 923-8687 |
| <i>sent 1/24/04</i> Oahu Nature Tours <i>Telecom 1/22/04</i> | PO Box 8059 Michael Walther- owner | Honolulu 96815 924-2473 |
| <i>sent 1/8/04</i> Polynesia Adventure Tours Inc. | 1049 Kikowaena Place | Honolulu 96819 833-9600 |
| <i>sent 1/8</i> Roberts Hawaii Tours | 680 Iwilei Road, Suite 700 Paul Dower- Operations Dept. | Honolulu 96817 523-7750 831-1555 |
| <i>sent 1/8</i> Rossian Hawaiian Tours | | |
| <i>sent 2/5/04</i> Hawaii POLONIA TOURS | 2825 S. King Street Suite 2701 | Honolulu 955- 96826 4567 |

[See page 193 about high surf - wind & storm]

Returned from Kobe 1/12/04

1/18/04 ARRIVE ~ 1 PM Aloha - met David's Sunday mother/father/next weeks.

L1 basking upon arrival but behind beach rocks out of view of camera or when standing on wall noted surf had knocked down mildly 2 concrete signs on rocks. New sand replenished high on beach. Sign by tree moved. Basking sign up high severely bent because I only used 2 bolts.

811
Watched Menowitz family from Missouri feeding
turtle. Man had cell phone on belt. Gave them
1/18/04 coloring books.
Comment made by tourist about
Sunday turtles being "branded"

L4 seen with other ^{turtle} ~~curved~~ + maybe L1
in shallows being fed 1-1:30pm, and
maybe the earlier also than 1pm.

At about 4pm I saw L4 basking
behind rocks next to L1. Could
have been there as early as ~2pm.
Several pictures taken, digital + prints.

5:05 - ~ 5:15pm Radiometer Readings
wet (damp) sand by turtles - 74°F

Dry sand by turtles - 79°F

L4 Shell 90 - 94°F w/ cloud shadow
variation

TDF box on L4 (gray plastic) 102°F

L4 FF = 86°F Shoulder Skin = 87°F

L1 Shell - 90-91°F

L1 Tail 90°F

Seawater in shallows 68-70°F

Departed 6:15pm after sunset - L1 & L4
still on the beach.

1-23-04 Arrive 3:15pm L6 & L7
Friday out basking, lots of overcast
L6 went back in at 3:40pm -
possibly related to group of people
around taking pictures.
Individual turtle ^{Behavior} difference? thresholds.

L7 6:06PM ^{no Box} removed screw with
pliers (head stripped) and
took out MK9 0290197

and put in MK9 0290200
that had washers/basin and
flat and small silicon dams
between washers.

Noted that on washer on 0290197
has the same appearing corrosion.
Fedex 0290197 to Marc
Monday 4:11.

Done 6:08PM - L7 didn't
move.

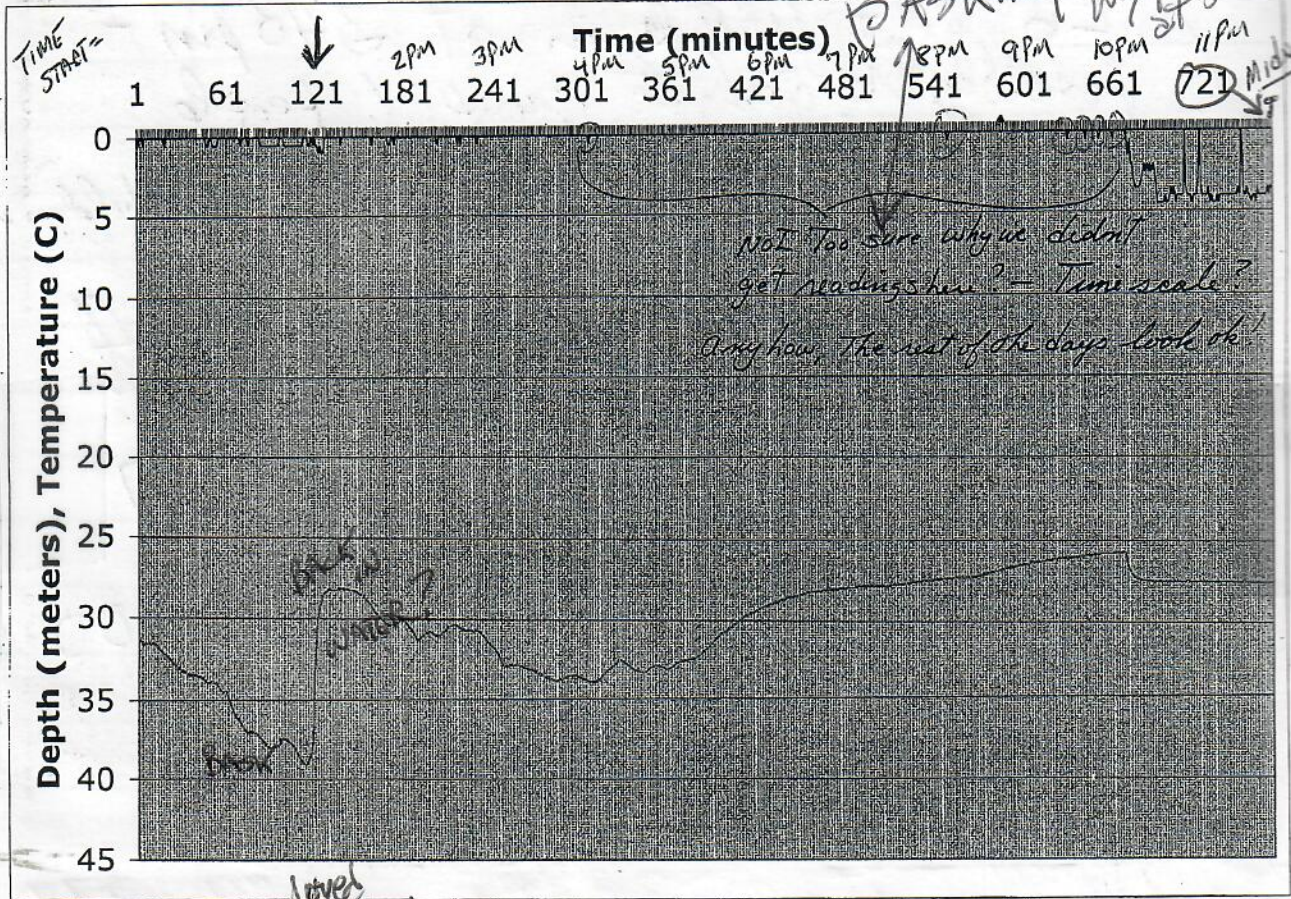
Depart 6:25pm L7 still
at the beach

(116)

L7 ♂ see page 40

L7 - 9/26/03 Friday 1/2 lid on box.
HONOLULU

BASKING 5 per photo at sunset



TDR deployed
in water 10:05 PM
9/26/03

Data + Cinds

1/24/04 ARRIVE 5:25 PM

SATURDAY repainted repainted repainted

L6, L3, L2 (mid)

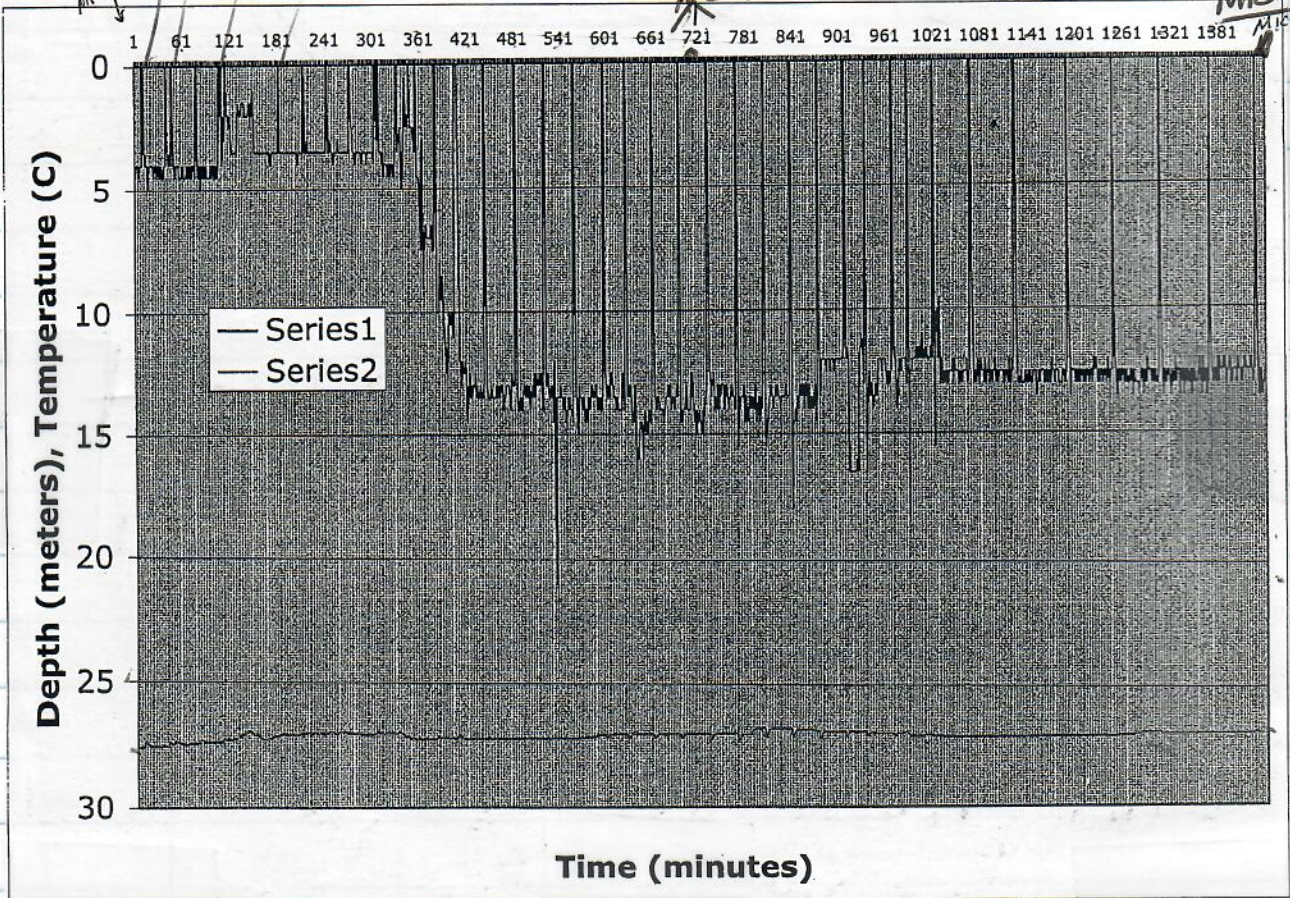
L1 (far) out basking

L7 - 9/27/03 Saturday

Midnight

NOON

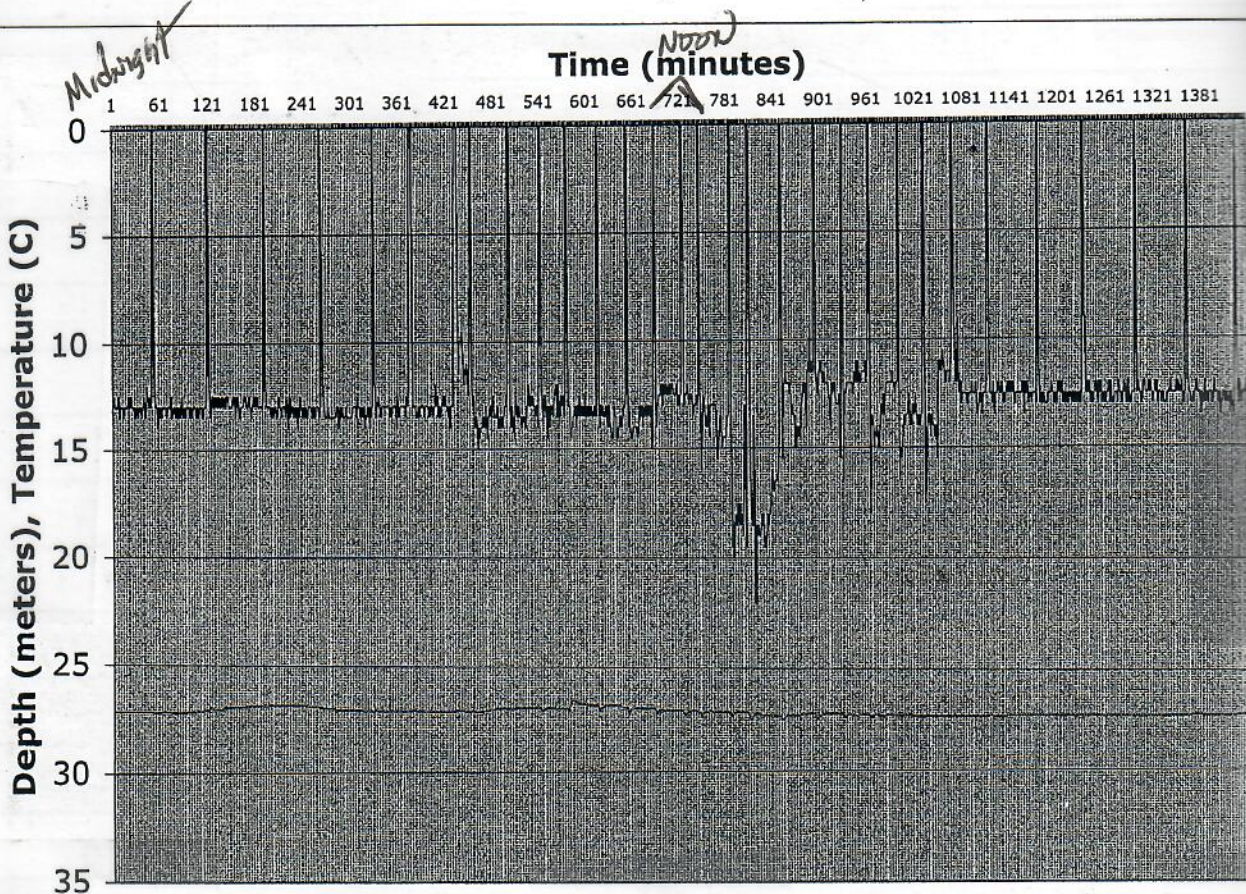
Midnight



Met ~~at~~ "Crazy about turtles" leaving in 4 hours
 Doug McCleave 1/24 pictures
 6858 S. Starflower way with L3 at
 West Jordan, Utah sunset
 84084 photos sent
 2/12/04

1/24/04 Depart 6:55 pm all 4 still
 on the beach

L7- 9/28/03 Sunday



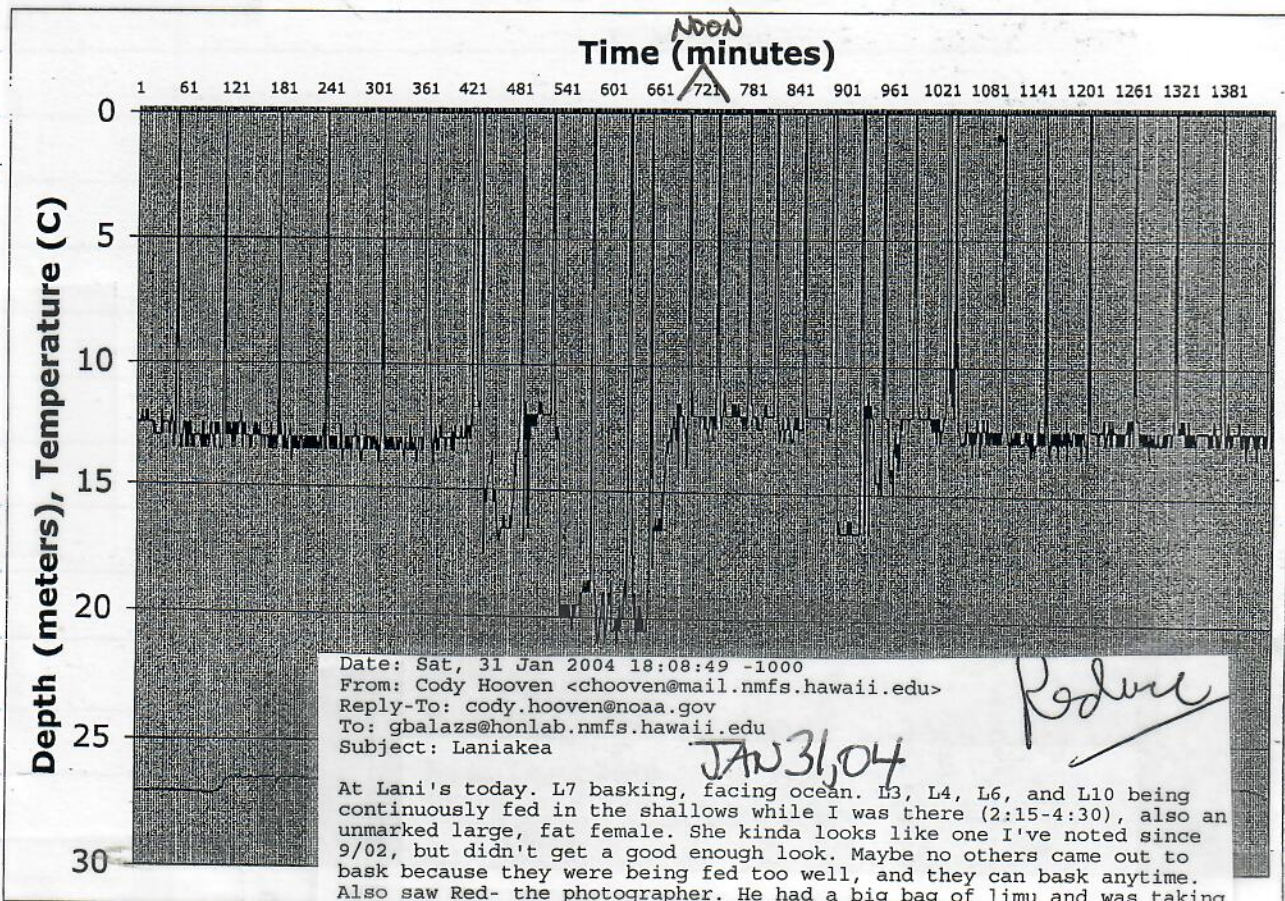
1/27/04 Arrive 245 pm. 2 turtles
Tuesday BASK L4 (far) L2 mid.
@ Light wind - modest surf - sunny.

515 pm Box on L4 - Rempred

520 pm in wave wash - she
returned to the water.

Put IN MK9 0390879 (Silicon Dam)
Took out MK9 0290199
Small corrosion on both washers.

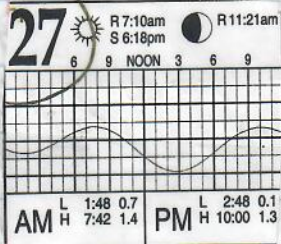
L7- 9/29/03 Monday



At Lani's today. L7 basking, facing ocean. L3, L4, L6, and L10 being continuously fed in the shallows while I was there (2:15-4:30), also an unmarked large, fat female. She kinda looks like one I've noted since 9/02, but didn't get a good enough look. Maybe no others came out to bask because they were being fed too well, and they can bask anytime. Also saw Red- the photographer. He had a big bag of limu and was taking photos the whole time I was there while a "model" fed the honu. Didn't see Joanne or the Wall visitors, had a juice (even though Honu beers looked tempting).
 If Marc is bringing girls and you need a chaperone, I'd volunteer!

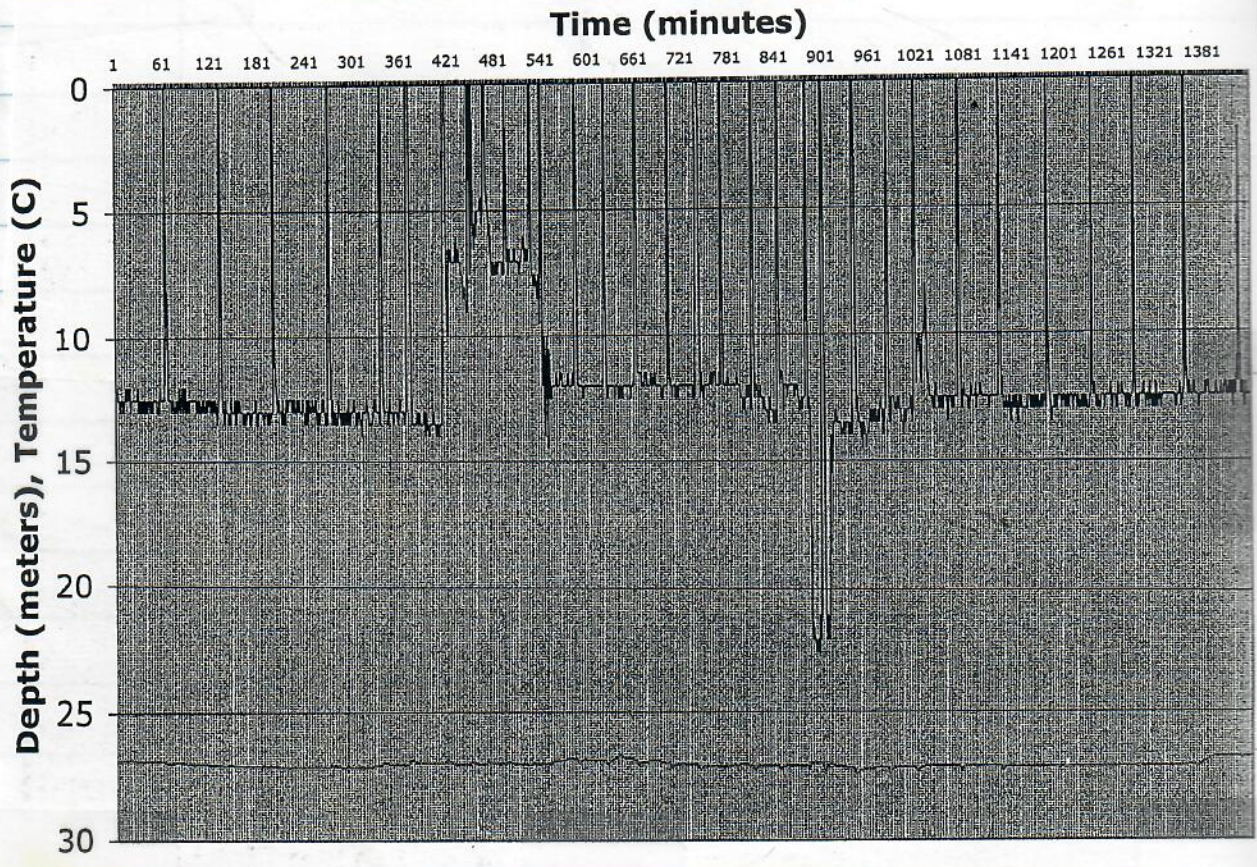
1/27/04
 Depart 6:30pm L2 still on the beach

L4 lost exchanged 10-31-03



91

L7 - 9/30/03 Tuesday



ARRIVE 2-2-04 Monday 345 PM

Repaired L11 on left Moto tool Ground back

L11 basing - Sand on back

Seawater near shore 63° F

(153 PM = L11 Partly covered w/ sand - Sand 90° F Shell surface 99-100° F

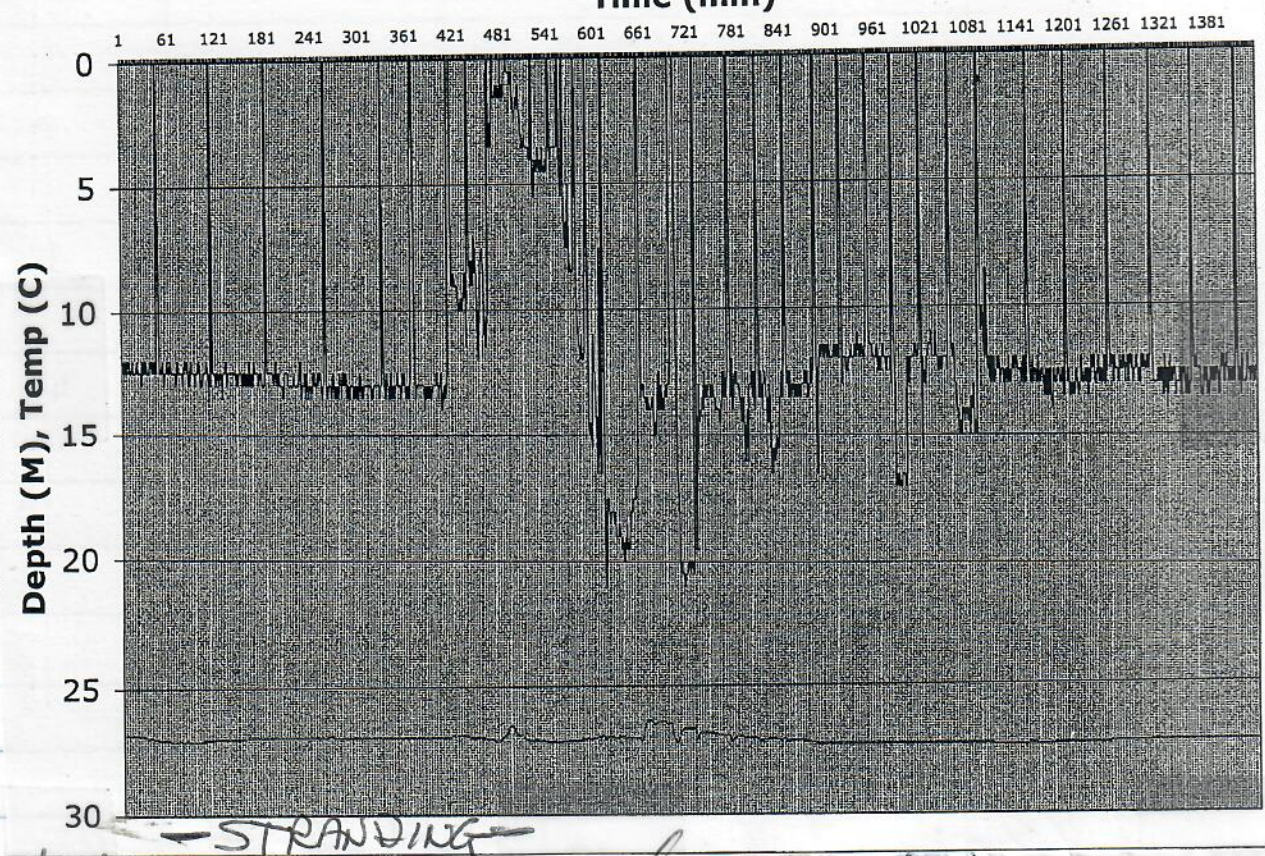
"Come up to TAN" SKIN Shoulder 92° F Head 95° F

Sunny side Shaded (East) Side = 83° F

(need thermo)

L7 10/1/03 Wednesday

Time (min)

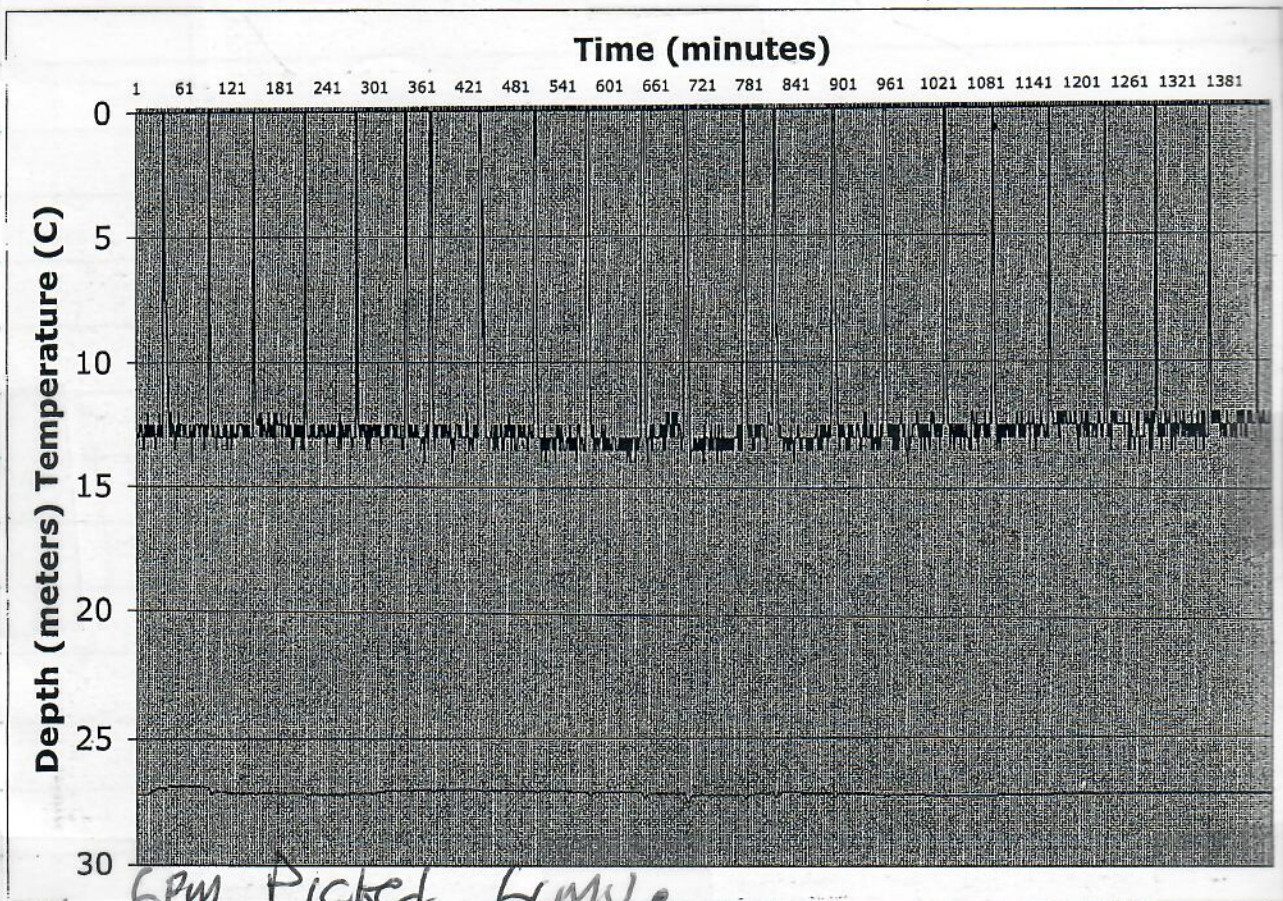


~~STRANDING~~

2/2/04 Call to Joanne (husband today diagnosed Monday ~7:30pm Friend of Joannes with recurring tumors) about Diane Henderson (small mired turtle - been on beach since this morning - high on beach maybe someone carried it there) Tel: 637-9818
 I drove to her home w/ Joanne. Large flat glottal tumor. moderate episcleth. modest vigor - but when placed on beach didn't crawl away. brought to Honuhoni, washed off, held in box for picture 2/3 AM by staff.

151

L7 - 10/2/03 Thursday

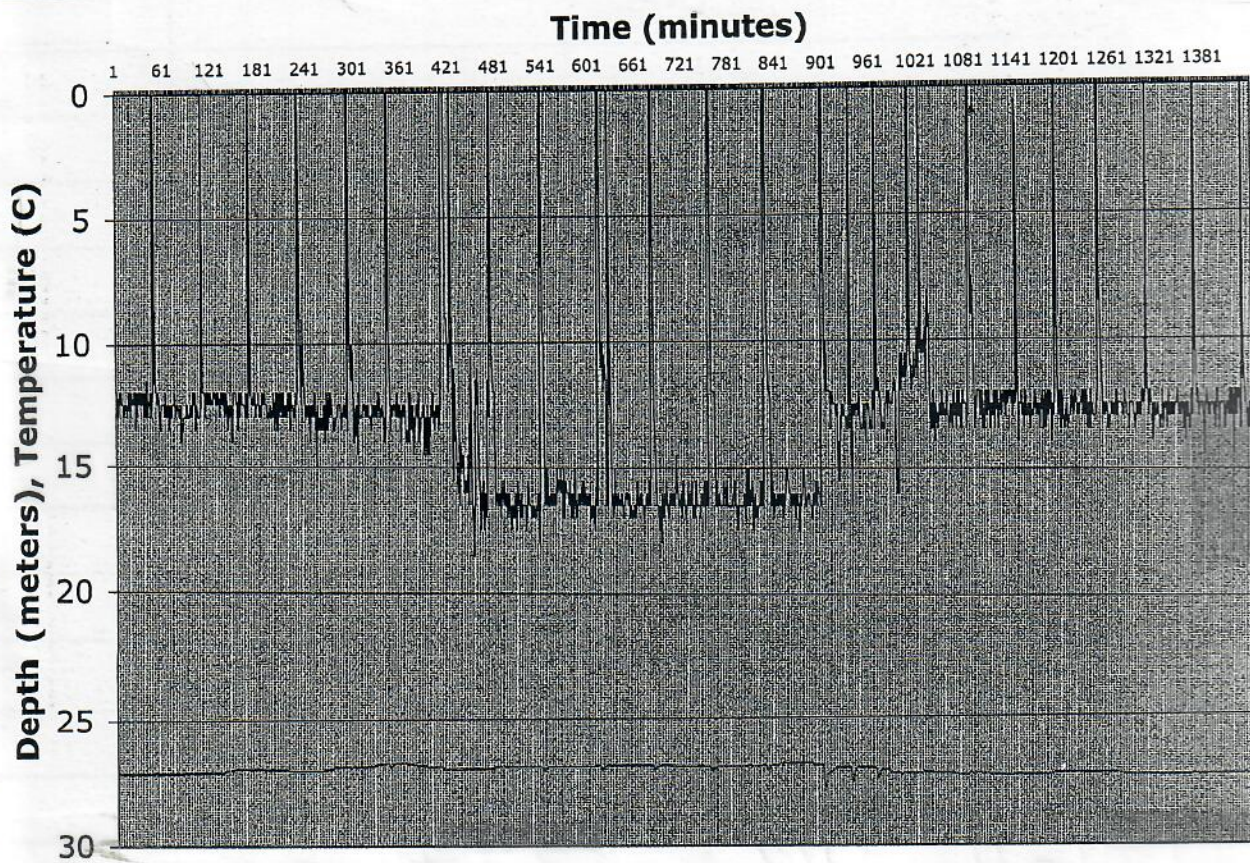


6pm Picked LMMU.

2/2/04 (Monday) 6:30 pm took a walk along through Peck's property - are juvenile Timors high & dry on rocks. Three others in the water shallow together.

Proceeded to toward Chems - at sandy area 6:45 pm barely still light. Saw 3 out dry - two juveniles together - no tumors, and are subadult. Carapace nearly total white from deposits - coralline algae.

L7 - 10/3/03 Friday



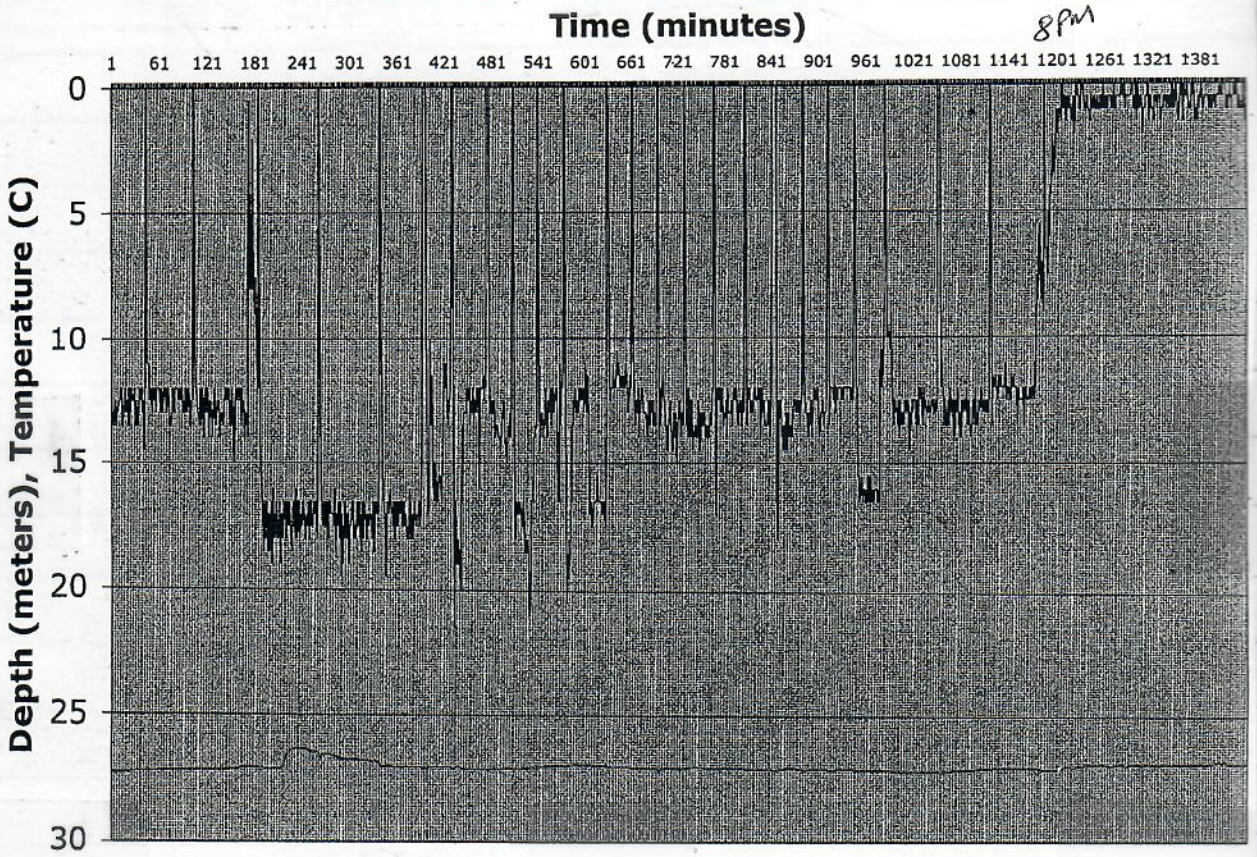
"Stay in their YAD" - "Red" 2-3-04
Photos of Lin/Dora.

7/2/04
Mowday

L7 ^{Sunset} on rocks - wave wash.
Here for protection? Wasn't eating that I could see, although in the vicinity there's lots of Pteralodia.
Walked back on road from Ethas.

851

L7 - 10/4/03 Saturday



7/3/04 9:45am 3 turtles - are very
 Tuesday large ♀ - in tight pocket shallow
 foraging between rocks.

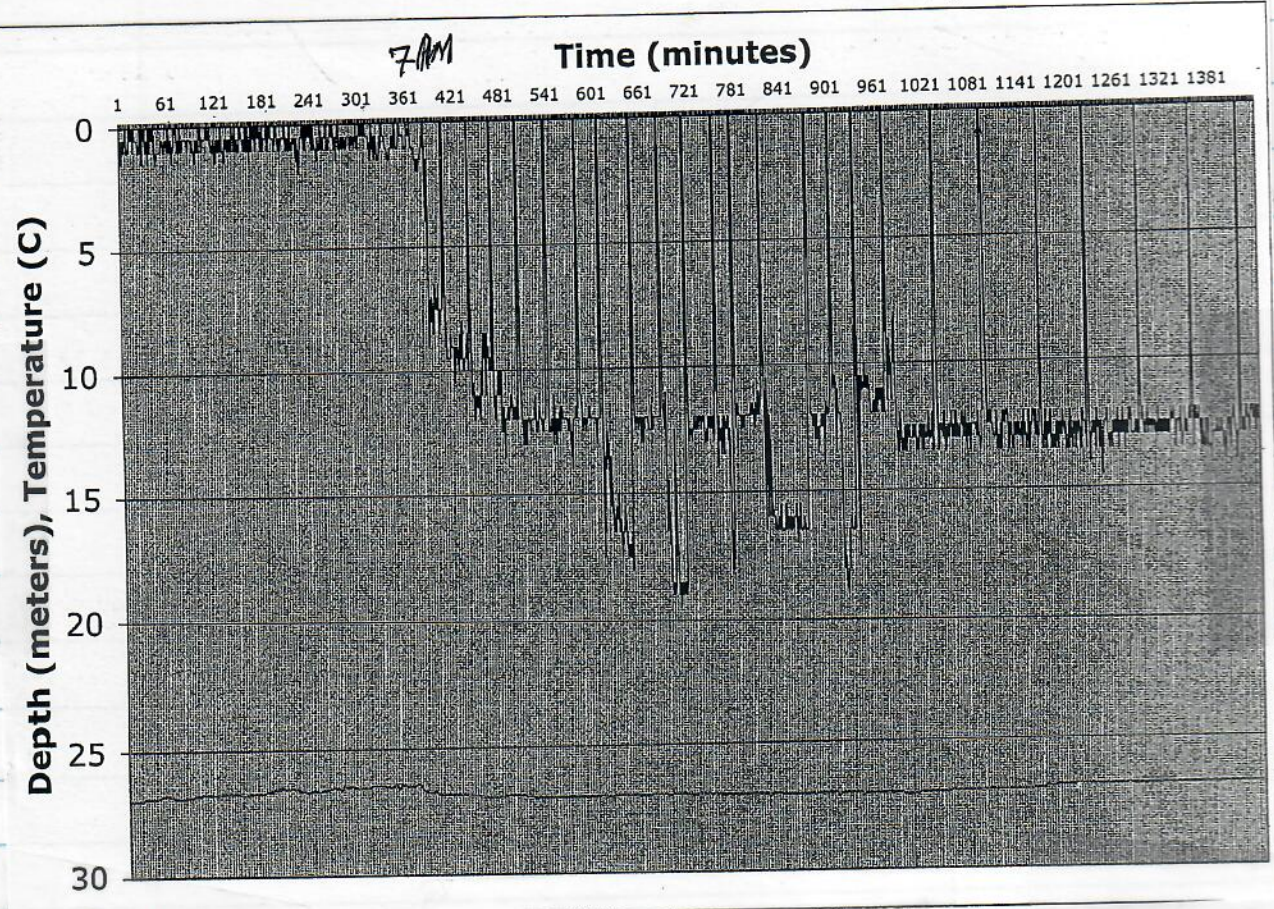
11am - L3

12:30 pm L7 + upmarked } shallow

MARC, Sandy, Watson, Carolyn, Shyklar and
 arrived late morning - 10am

Red put some algae ulva in the water
 10:45am - 2 women with him to

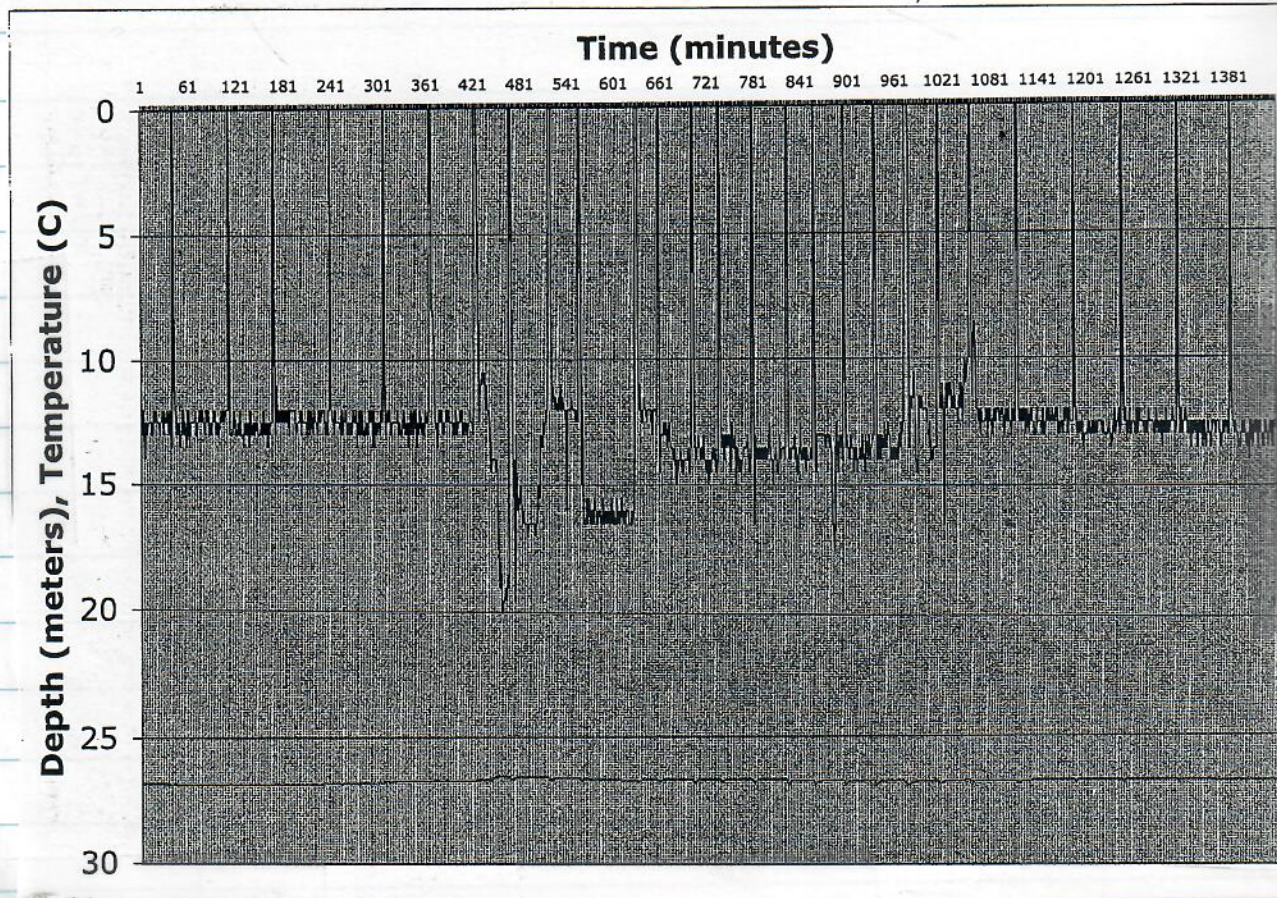
L7 10-5-03 Sunday



Tuesday
 2/3/04 photos feeding turtles. Marc took some
 also
 Proceeded through afternoon then
 feeding attraction and boxing 3 turtles -
 2 untaged (both speckled one ♀, one ♂)
 and L3. Weighed and measured on
 the beach, then carried in
 animal carrier to yard for ultrasound
 and biopsy for DNA.
 Finished up about 5 PM.

195

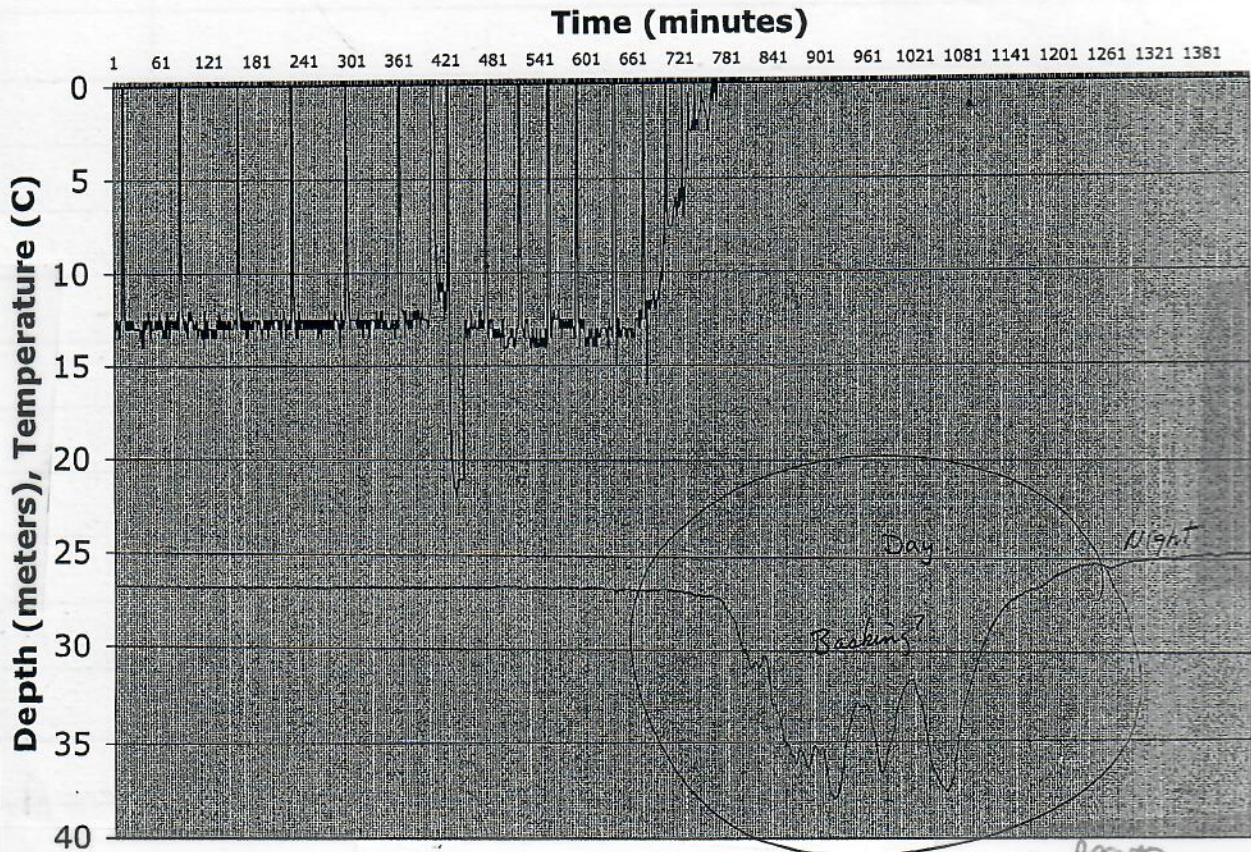
L7 - 10/6/03 Monday



2/3/04 at
 Tuesday Sunset, L2 not there, but
 when checked at 9pm she was
 close to water basking. There
 still at 10 pm.

2/4/04 up ~ 730 pm - no turtles on the
 Wednesday beach.
 Two new unmarked "baited" with
 seaweed into shallow water and boped.

L7 - 10/7/03 Tuesday



Marked L15 and L16. Took ^{TAG Record FB} L15 to yard for ultrasound. But not L16.

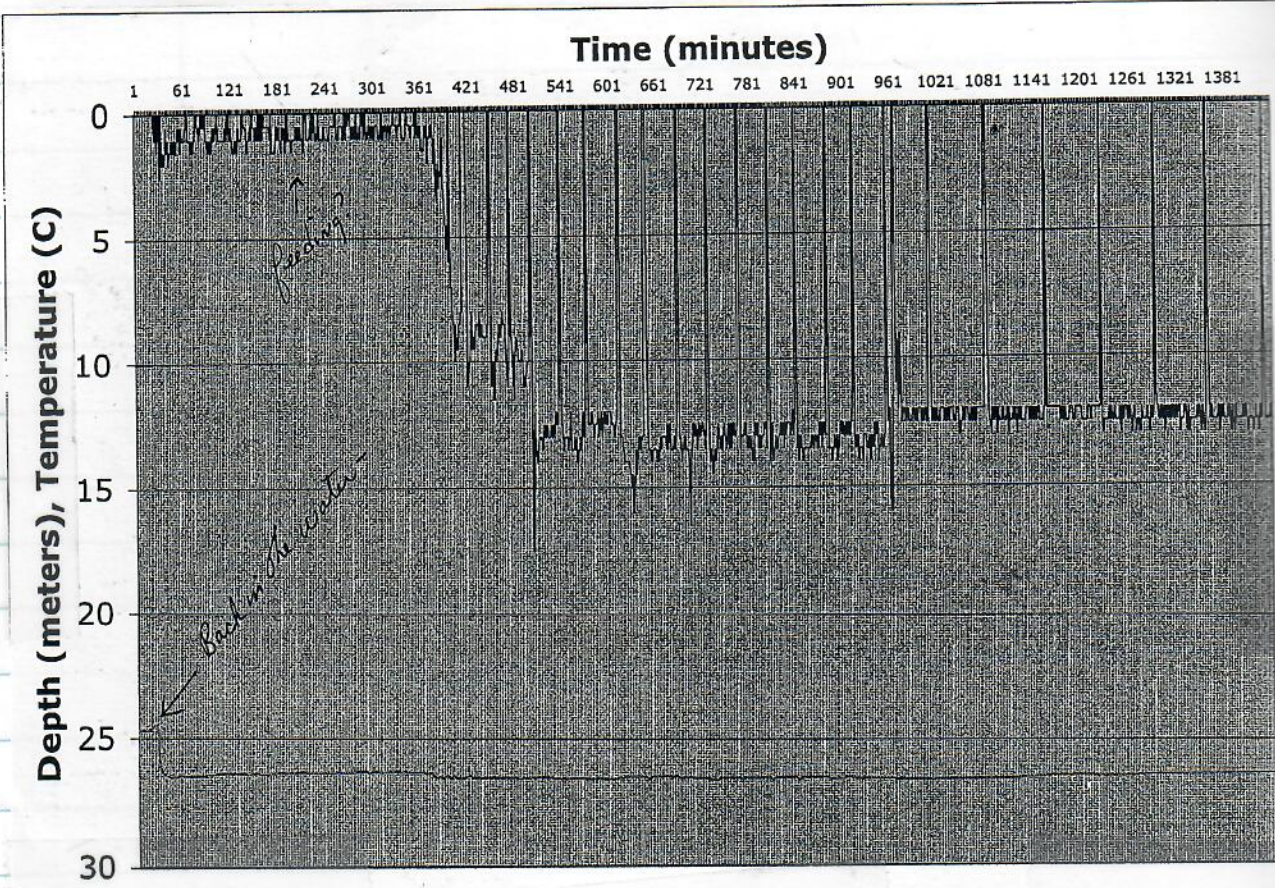
Mec, Sandy Watson & 3 students departed about 330 pm.

people staying at estate while we were there =
 Tod, Julie ^{ESPN} (Brother & Sister),
 "Coach" (David's school coach), David Wall, + some others.

wednesday 2/4 Depart (were there all afternoon) 630 PM L1 & L6 still on the beach.

FC

L7 - 10/8/03 Wednesday



Date: Fri, 30 Jan 2004 11:53:08 -1000
 From: Cody Hooven <Cody.Hooven@noaa.gov>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: Laniakea- FYI

[Part 1, Text/PLAIN 56 lines.]
 [Unable to print this part.]

Rachel Wolcott
 5929 Kahana St.
 Wahiawa 96786
 625-1627

Salt
Reduce

George H. Balazs wrote:

what's her mailing address or phone number?

On Fri, 30 Jan 2004, Cody Hooven wrote:

Rachel Wolcott

A woman (Rachel Wolcott) called on the stranding line yesterday afternoon to report turtles "being harassed" at Laniakea-- people feeding them and someone "holding the legs so they couldn't get away." I gave her enforcement #'s, and explained that we do have signs posted there. She called DOCARE, and Carole at DOCARE called the stranding line and said that she was sending an officer out. Just wanted to let you know in case maybe Dave Wall mentions it to you. Rachel mentioned that the man who lives there (she referred to the property but didn't know his name) is "real anal" about people touching the turtles, and he may have been videotaping...

Sunny hot night waves

3/7/04

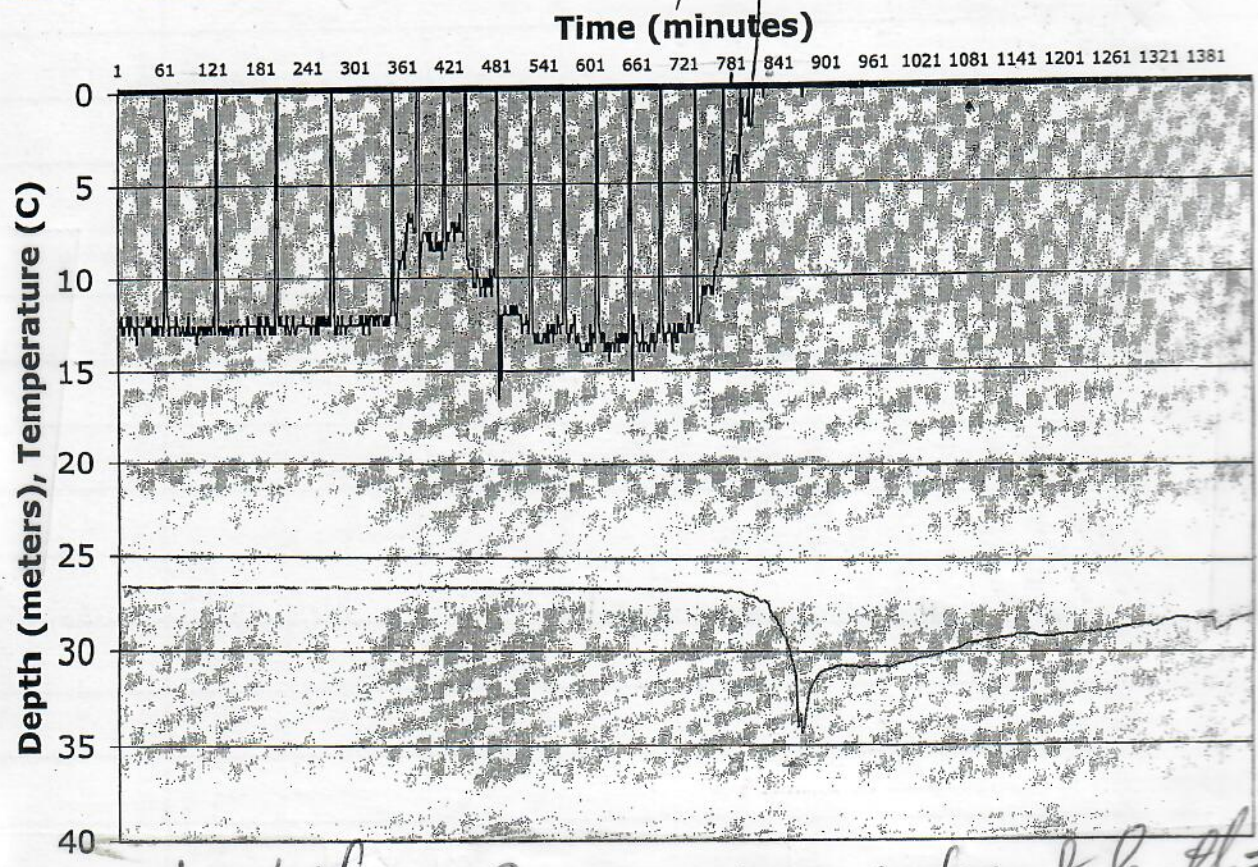
L7 - 10/9/03

130pm

Thursday

~1330

Capture & removal of MNA



2/16/04 Monday

Sandra Dahl

513 Lauiki St. #C

Honolulu, HI 96826

irstawfish@verizon.net

sign given to Heidi

spoke to her at length = 2 nights ago at SSTI

meeting Mark told other group that turtles picked up by NRTS are all killed!

323 Reheals
by email sent list of

2/16/03 Arrive 3pm no further on the

Monday beach - At 3:45pm, within 10 min - L6, L11 Midbeach, L4 L12 FAE Beach ^{Harriet} out!

2/16/04
Monday

Depart 7PM
need

Photos sent 3/2/04

AT Sunset

Roger Holdner (X2)

84-680 Kila Drive
Apt 1107

Waianae, HI
96792

Sent 3/2/04

Edith (X1)
JOHN MUSZYNSKI
1832 ZYLSTRA RD.
OAK HARBOR, WA
98277

Date: Tue, 17 Feb 2004 15:57:36 -1000
From: Cody Hooven <Cody.Hooven@noaa.gov>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: Re: I;m here! 3pm to about 630pm (fwd)

Redund

This email just came through. I didn't get a chance to tell you earlier- I was at Laniakea yesterday until just after 2pm. Must have just missed you. No baskers as of when I left. Lots of people on the beach (30+). No mating seen by me. L3, L6, L12, L15, L16, and two unmarked large females all seen in the water. I had the sawhorse out. I didn't see Joanne, but saw Loke.

George H. Balazs wrote:

>fyi

>

>----- Forwarded message -----

>Date: Mon, 16 Feb 2004 17:39:54 -1000

>From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>

>To: Joanne Pettigrew <Jokaloke@aol.com>

>Subject: I;m here! 3pm to about 630pm

>

>Joanne, if you see ANY signs of turtles mating, please be sure to let me know, this would be very important. If the female that's the object of the male's attention has a number, that would even be More important to record. Aloha, George

Sunny hot light winds

(13)

3/7/04 Arrive 1:45 pm L3 (faint)

Sunday on the beach. Game

Says L6 was out earlier.
3 pm L4 out. ^{2-3 turtles being fed}

Reset 3 "Do not touch" signs that
had been moved around by previous

need
more
kids

surfing ^{no apparent reason}
L4 back in at 3:45 pm

~30 people on the beach, 10 in water

4:20 pm sitting in chair on the beach - 3 whales
east to west.

4:40 pm - 18 people on beach, 4 in the water.

5:10 pm ~12 people none in water

|| 5:15 3/7/04 Thoughts -

First - 5690 comes to nest - Bringing
East Island to me at Lohawa Mavi
beachfront, then, Lanuka - cottage -
Basking on the beach at Arms Reach.

Sat in folding chair right near
a basking turtle.

Departed 6:15 pm. Sunset had not
quite happened, L3 still basking,
(continued on p. 153)

LIVE TURTLE EXAMINATION RECORD

10-29-03

Date: 10/29/03

Turtle ID: HAWAIIAN

Comments: Active - difficulty breathing

WT 40.2 lbs

AWAKE Reduce

PHYSICAL EXAM

Head and neck: #2 patch on turning @ base of neck

scab on vent neck - fresh lacer

possible old @ scabbing tumor

Mouth: JAW TUMOR (R) #3

glossy tumor, tumor roof of mouth

dark large tumor involving roof of mouth

Eyes: normal

Front flippers: (R) lobulated #2 - 2 other #2

2/#2 tumor

Shell: normal

Plastron: flat

Rear flippers: normal

Tail: #1 patch tumor near base

BODY CONDITION: good to med emaciation

SAMPLES TAKEN

PCV 20 T.P. 4.6

CBC Chemistries

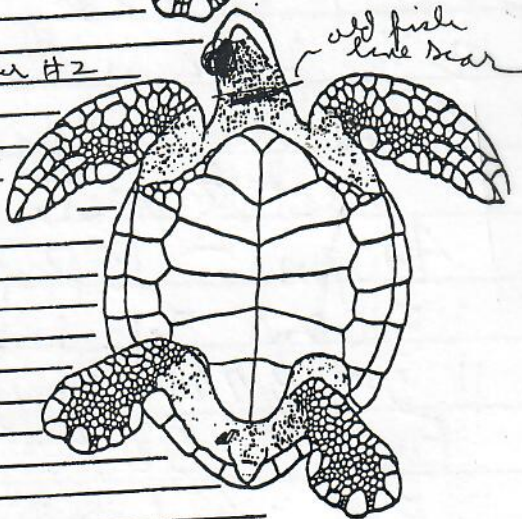
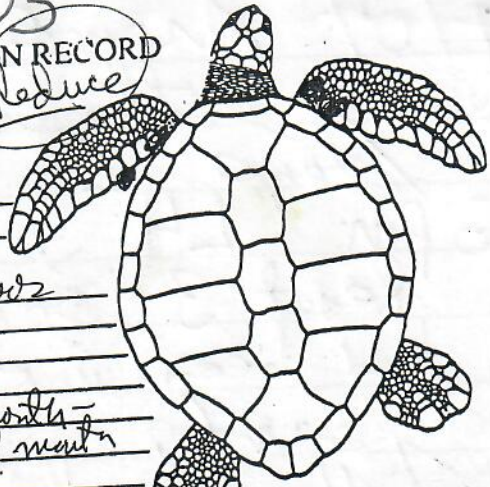
Others

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: euthanasia - severe mouth + glossy tumors + scabbing tumor - Aranes

Signed: Robert A. Mours, DVM



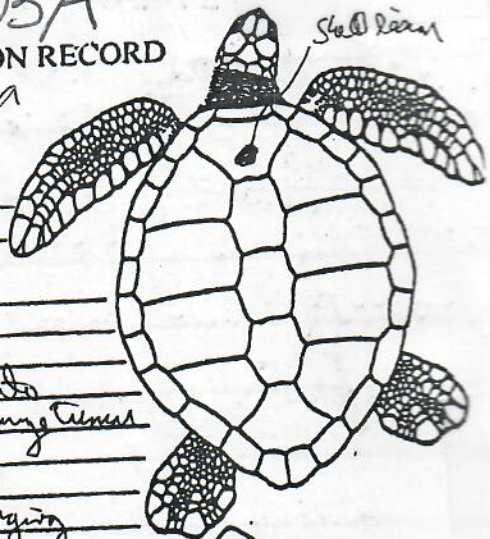
t-31-03 01:56P

10-30-03A

LIVE TURTLE EXAMINATION RECORD

ST 370

Date: 10/30/03 A
Turtle ID: EWA HAWAII
Comments: STRANDS OCEAN
NO MICROSCOPIC WT 32.6
Laniakea



PHYSICAL EXAM

Head and neck: Multiple #2 tumors noted

Mouth: R Jaw HINDER Tumor extends into
MOUTH - glottis tumor, small (O) jawbone tumor

Eyes: O O - 2 #2 tumors present
O S #2 tumor left cornea + perigonia
tumor

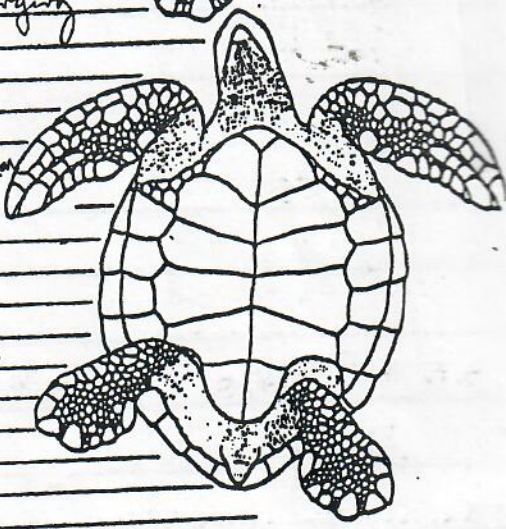
Front flippers: L 3 #2 tumors
R 4-5 #2 tumors

Shell: one small area of shell abrasion

Plastron: slightly sunken

Rear flippers: none

Tail: none



BODY CONDITION: mild emaciation

SAMPLES TAKEN

CV 21 T.P. 5
CBC _____ Chemistries _____
Others _____

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: euthanasia - extensive
mouth tumor / glottis tumor - jawbone
w/ bone tumor
Signed: Paul A. Walker



DIETER'S CREATIVE HAWAIIAN ISLE TOURS

Hawaii auf Deutsch seit 1993
1750 Kalakaua Avenue
Century Center 1502
Honolulu, Hawaii 96826, USA
Tel: (808) 262-1000 - Fax: (808) 951-1019
Email: dieters-tours@verizon.net



Mr. or Ms. G. Balazs
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Pacific Islands Fisheries Science Center
2570 Dole St.
Honolulu, Hawaii 96822-2396

Date: January 24, 2004

RE: Green Sea Turtles

Dear Mr. or Ms. Balazs,

Thank you very much for your comprehensive information on the Green Sea Turtles. Please be assured that I myself and our German speaking guests treat any and all wild life animals with the utmost respect.

We always stop on our tours around the island of Oahu to see or catch a glimpse on these incredible creatures. Our guides and myself are **emphasizing** on the importance on how to treat and **NOT TO TOUCH** and **OR DISTURB** any of the turtles.

Germans, Austrians and Swiss (by nature) do very much appreciate and enjoy **NATURE**. And that is what our tours are all about!

Please feel free to contact me at any time if I can be of any assistance.

With ALOHA and regards,

Dieter
Dieter Thate

MKTDR LOG
 Summary For "LH" ♀

Page
 135

9/25/03 ^{IN} MK9
 Thursday 0290200

Released
 5:35 PM

87.3 SCL
 93.0 CCL

10/31/03 ^{IN}
 Friday 0290199

3:45 PM

1/27/04 ^{IN}
 Tuesday 0390879

5:20 PM

| Date | Basking (minutes) | Feeding (minutes) | total resting (minutes) |
|---------------|-------------------|-------------------|-------------------------|
| 12/18/2003 | 223 | 437 | 778 |
| 12/19/2003 | 324 | 729 | 387 |
| 12/20/2003 | 571 | 736 | 133 |
| 12/21/2003 | 558 | 882 | |
| 12/22/2003 | 589 | 496 | 355 |
| 12/23/2003 | 330 | 746 | 364 |
| 12/24/2003 | 75 | 777 | 568 |
| 12/25/2003 | 681 | 438 | 320 |
| 12/26/2003 | 716 | 334 | 330 |
| 12/27/2003 | | | |
| total minutes | 4067 | 5635 | 3255 |
| Percentage | 31.32041000 | 43.4500054 | 25.22158454 |

MK TDR LOG # 1 " ♂
 Summary For " L 1 " ♂

(137)

SCL = 85.4

CCL = 90.5

12/17/03 IN MK 7
 Wednesday 0070884

Released
 4:27 PM

12/27/03 IN 007083
 Saturday

6:45 PM

| Date | Basking (minutes) | Feeding (minutes) | total resting (minutes) | total (minutes) |
|---------------|-------------------|-------------------|-------------------------|-----------------|
| 12/18/2003 | 223 | 437 | 778 | 1438 |
| 12/19/2003 | 324 | 729 | 387 | 1440 |
| 12/20/2003 | 571 | 736 | 133 | 1440 |
| 12/21/2003 | 558 | 882 | | 1440 |
| 12/22/2003 | 589 | 496 | 355 | 1440 |
| 12/23/2003 | 330 | 746 | 364 | 1440 |
| 12/24/2003 | 75 | 777 | 588 | 1440 |
| 12/25/2003 | 681 | 438 | 320 | 1439 |
| 12/26/2003 | 716 | 394 | 330 | 1440 |
| 12/27/2003 | | | | 12957 |
| total minutes | 4067 | 5635 | 3255 | 12957 |
| Percentages | 31.38843868 | 43.4900054 | 25.12155592 | |

MK TDR LOG Summary

(139)

For "L7" →

SCL 90.9

CCL 97.5

9/26/03 IN MK9
#0290199
Friday

Released
10AM

10/9/03 IN #0290197
Thursday

222 PM

4pm Arrive w/ R.S. Chang
Depart 6:50pm

11/8/03 IN #0290200
Saturday

12/2/03 IN #0290197
Sunday

6:35pm done (still on beach when I left)

181

GET & Heed

NATIONAL Geographic 1923 picture

Turtle/caption BASKING
of Lisianski

Need

TANIGER Expedition

From
Narrative
page 18)

email
TO NINE LE
Fishing sticker
on log book
need - "KIDS ONLY"
on coloring book
leaves for turtles

(141)

Turtle
feeding

Woman near turtles feeding on

6/27/04 night-pocket rocks. She was holding flipper
Sunday I told her not to touch, she said turtle was coming to her,
but in fact she had walked close to rock turtle were eating off of.
She picked algae off the same rock (turtles) was feeding
off of and fed it to the turtle.

Few people w/ swell is down is today flat.
Seems to make sense.

Note - for past 2 night - large crowd (7 vehicles!) renting
large house Honolulu. One was a DOCAFE BRONCO or
Blazer. As per driver Jeremy says

E NOA TOURS has 70 vans - 4 times a day to Hawaii
(Pearl Harbor circle).

Note - Dive profiles in shallows are ^{possibly} biased at Hawaii,
6/27 due to seaweed feeding.

11:15am sitting in beach chair: 27 people in the water w/
turtles. 30 on the beach. I estimate this is about
50% of what I would call a "heavy" day.

Man using bait dive bag w/ algae ^{in the water} to attract/walk turtle around.

12:20pm - 11 ^{people} in water; 42 ^{people} on beach.

Saw Dr. KUBO, EYE DR.

L7 in the shallows feeding on algae drift
all of PM - starting at ^{at least} at 2pm (maybe
earlier). Along with L15 TOR; L13 unharmed
(large ♀) and, for short period, L9

7:52pm Gill netter back on beach w/ empty TUBE

Black & white med. dog

6/27/04 He set the net alone somewhere off rocks Sunday fronting Honolulu property.

Their car across town they parked drove off at 8:15 pm. Pickup truck likely compact i.e. NOT

3 chelonia full size - Comperan back.

AS - 3pm
same place

no sign of gillnetters & 9:30am check,

L5, L2, L6 and faint MT on Beach (Big ♀)

see page 42 LH 435C 39116D > = L8
RH 433F 403720 > = L8

88.2cm SCL Boxed by Rice & BARRIS 7:20 pm dark 10/1/03

SCL = 88.2cm SCL!

L6 returned to the water due to my presence (flashlight?).

Note when L5 & L6 came up short time apart they had not been feeding in shallows close to shore. They were not seen there.

Stayed overnight AGAIN

10 pm drove toward Hale. no sign of Gillnetters truck

turned around at KAWAIILOA Rd. drove down Pottahua Loa Rd → back on Kam Hwy - no sign of Gillnetters truck or them. Checked again at 10:45 pm no sign of netters.

Sunday

Notes about 6/27/04 > 2PM TO sunset:

No negative things seen except:

- 1 - Three little kids ran up to a turtle - put hands on shell - threw sand - possible one grabbed head - all took place very quickly - parent didn't correct them (I did). They thought it was dead.
- 2 - Two ^{women} girls (possibly English as second language) hung their ^{wet} shirts as fold-up signs. I asked them not to (common sense) they ignored me.
- 3 - ~~Two~~ Woman touched shell while having picture taken - I corrected her - said the picture is just as good with hand a few inches above shell.
- 4 - Someone put sand on L5's flippers
- 5 - Someone poured water on L5's shell

In spite of the above being Bad Manners/Rude to the Human Mind - no one response of any sort was seen by the turtles. All stayed ashore - none moved.

Last check of beach 6/27/04 pm =
 1:30pm L2, L8 and L5 still on the beach.

6/27/04 observations:
Sunday L7 L13 15TDR

"GENTLE VEGETARIANS"

Crowded in Right pocket - Lots of ULVA and other pieces ^{dense} in water column. They put head to sea, let waves wash in pieces to them - seems very efficient. Not that much fed by people - turtles too busy getting it for themselves. People pick up the drift in water column.

Gill netters arrived at sunset & local male. Net into Tube (video) - one person swam it out. He said they would set around ~~the~~ point.

L7 is nice and clean - compared to "mossy" L15 + TDR.

How FAST will L7's flippers heal?

6/28/04 UP at 5:15 am to look for MONDAY gillnet - gillnetters. Spotted the floats of net right outside Haulani House. "Shalig"

FSB 526

FDD 515

net went into this truck

STAY OVERNIGHT - 2nd night in a row

SUNDAY RESTARTING

net not seen

BACK AT HAUANI

02/04/2004 WED 09:31 FAX 808 983 2902 Marine Turtle Res Prog
Revised 06/28/02 NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

003/003

29 JAN 2004

* INJECTIONS: 1/31, 2/3, 2/6
AMIKACIN 1M 100mg

SEA TURTLE NECROPSY / TUMOR FORM
EXAM

DATE FORM FILLED OUT 1/24/04

NECROPSY DATE: / / MTRP STRANDING ID 1/24/04

| | | |
|---|------------------|-----------------------------|
| CONTACT: Pat Dagan via Pat Johnson via Fann/AMB | DATE: 1/24/04 | LOCATION: Mokuleia, OAHU |
| PERSON RECORDING DATA: BM | | |

DESCRIPTIVE REMARKS: Found in water entangled by fishing line. Contact brought Deep Ecology where 556 (Garden) plw and brought to MRE. PFF AND SURB ON 1/27/04. plw from MRE: brought to PFF on 1/28/04 by BMM.

EXAMINATION:

- necrotic tissue in LFF "ampis"
- line scar on neck
- red algae on skin

Plukey exam on 2-4-04 and taken to Laniakea for release.

| | | |
|---|---|--|
| TUMOR SCORE: <input type="checkbox"/> | TAGS: <input type="checkbox"/> | SEX: Male, Female or Undetermined <input type="checkbox"/> |
| ORAL TMRS EXT: YES OR NO <input type="checkbox"/> | | |
| EMACIATION CODE: 0 | MT#: / | |
| STRAIGHT CARAPACE - LENGTH: 58.0 cm | WIDTH: 46.4 cm | |
| NOTCH LENGTH: 57.7 cm | PPS (Y/N): N | |
| CURVED CARAPACE LENGTH: 43.0 cm | WIDTH: 54.0 cm | |
| HEAD WIDTH: 8.8 cm | AXIAL: cm LATERAL: cm | |
| TAIL LENGTH: T 12.0 cm C 8.0 cm | DB: <input checked="" type="checkbox"/> VB: <input checked="" type="checkbox"/> | |
| LEFT RIGHT FRONT FLIPPER WIDTH: 10.1 cm | SAMPLES COLLECTED: PFF | |
| PLASTRON LENGTH: 47.1 cm | blood | |
| WEIGHT: 54.2 # | | |

6/28/04
 → all over m/v not set very well.
 No splashing at surface seen, such as due to tangled turtles. Video taken.
 they didn't have many fish. Loaded nets into

29 JAN 2004

54200 LIVE TURTLE EXAMINATION RECORD

Date: 1/27/04
 Turtle ID: N. BIRNBA DIVE SHOP
 Comments: 59cm sex LONG EXTRACURRICULAR SWIMMER WITH LIMB

PHYSICAL EXAM

Head and neck: normal

Mouth: 2 faint mono lines down throat
color to extend 1 line

Eyes: normal

Front flippers: (R) faint line down
limb small on other side

Shell: normal

Plastron: normal

Rear flippers: normal

Tail: normal

BODY CONDITION: good

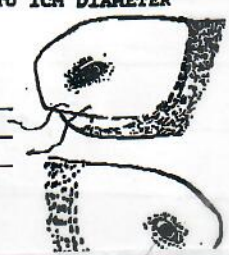
SAMPLES TAKEN

PCV 30 T.P. 2.9
 CBC _____ Chemistries _____
 Others X-ray (2)

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: X-RAY FOR HKS - Amp
NECESSARY - START ON 250mg AMUKACIN 1M
X-RAY FOR HKS - ABLE TO REMOVE 2ND LIMB
 Signed: [Signature]



MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734

Monday

6/28/04 Truck on the right and departed
~ 820AM. Net was in the water - presumably
 checked throughout the night - from
6/27 ~ 745pm TO 730am 6/28/04 => 12 hours

MEDICAL HISTORY - CLINICAL RECORD

| OWNER NAME N.M.F.S. | | ADDRESS | | | TELEPHONE |
|------------------------|------------|--|-----|--------------------|-----------|
| PATIENT NAME | SPECIES | BREED | SEX | COLOR AND MARKINGS | |
| | | GREEN TURTLE | | | |
| ALTERED YES/NO | BIRTH DATE | SPECIAL INFORMATION | LAB | X-RAY | |
| | | N.S.WORK - AMPUTATION 1/24/04 | | | |
| DATE | TEMP | DESCRIPTION | | | |
| 1/27/04 | | Flipper has been taped to body - only held in place by small piece of muscle tissue - | | | |
| | | ① focal necrosis along the flipper area (low blood) - wound area saline | | | |
| | | ② 50cc warm normal R.I.P. pleu-lyg. instilled - found - seroflume - area of trauma R coracoid of scapula from wound line - | | | |
| Flu-2 | | no wounds on RADP - all wound line was removed from scapula - | | | |
| | | 10:32am instilled 60cc sero. | | | |
| | | 10:44 - HR 28 | | | |
| | | 10:50 - to bed | | | |
| | | 11:00-276 start surgery | | | |
| Sun | | 11:06 - off O ₂ - 280 | | | |
| (45 min) | | 12:25 - HR 116 | | | |
| | | 11:45 End surgery - 202cc warm normal R | | | |
| | | 12:40 head normal | | | |
| | | 12:50 off O ₂ - not breathing at all | | | |
| | | 2:11 pull tube find in lung | | | |
| | | 1:00 HR - 24 | | | |
| (2 hrs total) | | Recovery good to date | | | |
| 1/28/04 | | to Kaula - gave 125mg amoxicillin IM | | | |
| | | injections on 1/31, 2/5, 2/6 | | | |

6/28/04 note at 5:15-5:30 AM I watched L8 Monday "wake up" from motionless basking - turn around and crawl back to the sea. when I returned at 7:15am L5 has also gone back in, long tracks on beach. L5 was there same place for 14 hours!

741

Mototool
3A

Stranding Release

DATE FORM FILLED OUT 07, 04, 04
CAPTURE DATE, LOCATION AND METHOD: 1-24-04 *Mokulia SWAN OUT FINE.*
Released at: *LAWAHEA 12:30 PM*

PERSON RECORDING DATA:

TUMOR SCORE: 0

ORAL TMRS EXT. YES OR NO: -

EMACIATION CODE: 1

OLD TAGS:

NEW TAGS:
 RHF: 4250044451
 LHF: 442C5C413A

STRAIGHT CARAPACE - LENGTH: 57.7 cm WIDTH: 46.3 cm

NOTCH LENGTH: 57.5 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 63.0 cm WIDTH: 57.0 cm

HEAD WIDTH: 8.3 cm AXIAL: 20.6 cm LATERAL: 20.9 cm

PFS: YES OR NO OR NE: No SEX: Male, Female or Undetermined: U

TAIL LENGTH: T: 12 cm C: 8 cm

RIGHT FRONT FLIPPER WIDTH: - cm

PLASTRON LENGTH: 46.9 cm

WEIGHT: #

DESCRIPTIVE REMARKS:

RFF amputated by Dr. Morris
White speckles of CA
White Scum on carapace
Mototool "3A" on 3rd L./R. lateral

Photos w/ Lydia,
Carly and
Sky (HAA)

6/28/04 1030-1130 AM
Monday Video of 3 large turtles
feeding shallow right pocket
& tourists.
Depart 1145 am for office.

Need a KEHOA NATIVE
HAWAIIAN TOURS

149

DIAGNOSTIC CASE REPORT

U. S. GEOLOGICAL SURVEY-BIOLOGICAL RESOURCES DIVISION
NATIONAL WILDLIFE HEALTH CENTER-HONOLULU FIELD STATION
P. O. BOX 50167, 300 ALA MOANA BLVD., Rm. 3-206
HONOLULU, HAWAII 96850
808-541-3445, FAX 541-3472, thierry.work@usgs.gov

Case # 17759

Epizoo #

Laniakea Stranding

Submitter:

Mr. George Balazs
NOAA-NMFS-SWFC
2570 Dole Street
Honolulu, HI 96822-2396

Specimen description/identification:

1 green turtle carcass

10-30-03

SCL 50.2cm

Date Submitted: (10/31/2003) Date Collected: (10/30/2003) Date Examined: (10/31/2003)
(mm/dd/yy) (mm/dd/yy) (mm/dd/yy)

Location: Laniakea

County/Site: Oahu

HISTORY: This animal was found stranded at Laniakea on Oahu and taken to the Makai Animal Clinic for examination. Due to poor prognosis, the decision was made to euthanize. This is MTRP ID 10-30-03A.

SIGNIFICANT FINDINGS: This was an emaciated immature female with numerous tumors on skin, eyes, and in the mouth compatible in morphology with fibropapillomatosis. There were foci of necrosis in the lungs seen grossly. Histology revealed multiple foci of inflammation associated with trematode eggs in the lung and pancreas.

DIAGNOSIS: Fibropapillomatosis and vascular fluke infection.

COMMENTS: Gross and microscopic lesions were compatible with fibropapillomatosis as a cause of morbidity in this animal. The turtle also had a vascular fluke infection as evidenced by trematode eggs in lung and pancreas.

MANAGEMENT: None given the uncertain etiology of FP and the unknown life cycle of vascular flukes.

Preliminary Report (/ /) X Final Report (01/23/2004)
date date

Necropsy report is: X enclosed available upon request.

Copies of this report sent to:

If you have questions regarding this case, contact Thierry M. Work MS, DVM, MPVM at 808-541-3445. Include above Case Number. Diagnostic findings may not be used for publication without the pathologist's knowledge and consent.

11
CHANGING SEASONS: A year of living with the Honolulu turtles 11

NATIONAL WILDLIFE HEALTH CENTER
NECROPSY REPORT

Submitter's Name, Affiliation Address

Mr. George Balazs
NOAA-NMFS-SWFC
2570 Dole Street
Honolulu, HI 96822

Case: 17759
Accession: 001
Collected: 10/30/2003
Exam Date: 10/31/2003
Pathologist: T.M. Work
Prosector: T.M. Work

Species: Green turtle Specimen: Carcass
Bandtype: (E) Ref/Band No: (103103A) Euth: (23) Weight (Gm): (14818)
History Summary: This animal was found stranded at Laniakea on Oahu and taken to the Makai
Animal Clinic for examination. Due to poor prognosis, the decision was made to euthanize.
Body measurements (cm): SCL-50.2, CCL-54.0, TTL-9.5. Blood results: PCV - 20, TS - 5.2.

EXTERNAL/INTERNAL OBSERVATIONS - LABORATORY RESULTS

External: There are 19 external tumors: 10 on the neck, 3 each on the front flippers, and 1 each on the right eye, left eye, and right jaw.

Internal: There is a 4 cm tumor on the glottis and hard palate. The liver is firm, smooth, and homogenous purple-brown. The heart is firm, smooth, homogenous red-pink and otherwise unremarkable. There are multiple foci of necrosis in the lungs. The tracheal lumen is smooth and tan. The spleen is firm, smooth, and homogenous red-brown. The kidneys are firm, smooth, and homogenous brown. The brain is smooth, firm, and homogenous tan. The esophageal mucosa is smooth and homogenous tan. The small intestines are tan and the lumen is empty. No lesions are seen in the brain, pericardial sac, heart valves, tracheal lumen, gall bladder, gastrointestinal mucosa and serosa, ovary, adrenal and thyroid glands, pancreas and superficial and cut surface of liver, heart, kidney, and spleen.

Preliminary Diagnosis: Fibropapillomatosis Exam Type: (GO)
Sex (F) Age (I)/() Body Cond. (M) Postmortem State (E) Giz. Lead ()/()

Samples saved:

1. Histo: Lung, pancreas (A).

HISTOPATHOLOGY:

Lung: There are moderate diffuse lymphoid and granulocytic infiltrates within smooth muscle walls occasionally accompanied by red cells. Within smooth muscle walls are moderate numbers of trematode eggs accompanied by macrophages and giant cells.

Pancreas: Within connective tissue are moderate numbers of trematode eggs accompanied by macrophages and giant cells.

Morphologic Diagnoses:

- 1) Moderate, diffuse, chronic and acute, inflammation and hemorrhage, lung.
- 2) Moderate, focal, chronic, inflammation with trematode eggs, lungs, pancreas.

Comments: Gross and microscopic lesions were compatible with fibropapillomatosis as a cause of morbidity in this animal. The turtle also had a vascular fluke infection as evidenced by trematode eggs in lung and pancreas.

Final Diagnosis (in order of importance)

| | topog. | morph. | etiol. | funct. | disease | link |
|-------------------------------|----------|----------|--------|----------|---------|------|
| 1. <u>Fibropapillomatosis</u> | (T01000) | (M80001) | () | () | () | () |
| 2. <u>Fluke infection</u> | (T41000) | (M40000) | () | (F01310) | () | () |
| 3. _____ | () | () | () | () | () | () |

Diagnostic findings may not be used for publication without the pathologist's knowledge and consent. COD (12)

151

See p. 57
As of 2/3/04 = "L13"

Date: Tue, 3 Feb 2004 06:14:58 -1000
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: G-514 tagged turtle reported 10-11-02 at Laniakea?

It was reported to you via email by Cody. She went to Laniakea in the late afternoon. She was there trying to ID the basking turtles and was able to read a HF tag. The email says that she calls this female "red eyebrows". She also mentioned that the turtle didn't mind her looking at the tag.

seen 1/31/04
By MARLO in front of Fiter
woose
Chung
Reef

On Mon, 2 Feb 2004, George H. Balazs wrote:

- >
- > On the historical sheet for the tagged turtle Marlu reported (G-514)
- > there's an entry for 10-11-02 resighting at Laniakea, (Basking)
- > curious to know who made that resight and the circumstances. We've not
- > seen G514 here basking ever since we started assigning mototool L
- > numbers.
- >

no cody saw in water Friday
2-12-04
Shawn see below, please change in TBPS. Return all this to me. Mahalo, George

Tag Information:

| Tag Number | Date | Tag Type | Tag Position |
|------------|-----------|----------|--------------|
| 4135681523 | 5/30/2000 | PIT | LHF |
| 500F277E24 | 5/31/2000 | PIT | RHF |
| A513 | 5/17/1992 | I681 | LHF |
| A531 | 5/19/1992 | I681 | RHF |
| A539 | 5/19/1992 | I681 | LHF |
| A551 | 5/20/1992 | I681 | R23 |
| G514 | 6/27/1996 | I681 | RHF |
| W262 | 7/4/1989 | I681 | LFL |
| W263 | 7/4/1989 | I681 | RFL |

| Date | Type of Encounter | Location | TumorRank | NestingAct | Curved Carapace |
|-----------|-------------------|----------|-----------|------------|-----------------|
| 7/4/1989 | Nesting | East | 0 | C | 97.3 |
| 7/4/1989 | Nesting | East | 0 | C | 97.3 |
| 7/15/1989 | Nesting | East | 0 | C | 97.3 |
| 7/15/1989 | Nesting | East | 0 | C | 97.3 |
| 7/16/1989 | Nesting | East | 0 | X | 97.3 |
| 7/16/1989 | Nesting | East | 0 | X | 97.3 |
| 7/17/1989 | Nesting | East | 0 | M | 97.3 |
| 7/17/1989 | Nesting | East | 0 | M | 97.3 |
| 7/29/1989 | Nesting | East | 0 | N | 97.3 |
| 7/29/1989 | Nesting | East | 0 | N | 97.3 |
| 5/17/1992 | Nesting | East | 0 | C | 95.6 |
| 5/17/1992 | Nesting | East | 0 | C | 95.6 |
| 5/18/1992 | Nesting | East | 0 | C | 95.6 |

1989

3 years

1992

(121)

G514 413

Need to send picture

| Date | Type of Encounter | Location: | TumorRank: | NestingAct: | Curved Carapace |
|-----------|-------------------|-----------|------------|-------------|-----------------|
| 5/18/1992 | Nesting | East | 0 | C | 95.8 |
| 5/19/1992 | Nesting | East | 0 | X | 95.8 |
| 5/19/1992 | Nesting | East | 0 | X | 95.8 |
| 5/20/1992 | Nesting | East | 0 | N | 95.8 |
| 5/20/1992 | Nesting | East | 0 | N | 95.8 |
| 5/25/1992 | Nesting | East | 0 | C | 95.8 |
| 5/25/1992 | Nesting | East | 0 | C | 95.8 |
| 5/26/1992 | Nesting | East | 0 | C | 95.8 |
| 5/26/1992 | Nesting | East | 0 | C | 95.8 |
| 6/1/1992 | Nesting | East | 0 | X | 95.8 |
| 6/1/1992 | Nesting | East | 0 | X | 95.8 |
| 6/3/1992 | Nesting | East | 0 | X | 95.8 |
| 6/14/1992 | Nesting | East | 0 | X | 95.8 |
| 6/14/1992 | Nesting | East | 0 | X | 95.8 |
| 6/14/1992 | Nesting | East | 0 | X | 95.8 |
| 6/15/1992 | Nesting | East | 0 | P | 95.8 |
| 6/15/1992 | Nesting | East | 0 | P | 95.8 |
| 6/26/1992 | Nesting | East | 0 | X | 95.8 |
| 7/7/1992 | Nesting | East | 0 | M | 95.8 |
| 7/7/1992 | Nesting | East | 0 | M | 95.8 |
| 7/18/1992 | Nesting | East | 0 | M | 95.8 |
| 7/18/1992 | Nesting | East | 0 | M | 95.8 |
| 6/5/1996 | Nesting | East | 0 | P | 97.0 |
| 6/14/1996 | Nesting | East | 0 | C | 97.0 |
| 6/16/1996 | Nesting | East | 0 | X | 97.0 |

4 years 1996

3/27/04 got

Kylie Young
67-568 Kahui St.
Waialua HI, 96791

Send

Page 2 of 3

4 years

2000

| Date | Type of Encounter | Location: | TumorRank: | NestingAct: | Curved Carapace |
|------------|-------------------|----------------------------|------------|-------------|-----------------|
| 6/17/1996 | Nesting | East | 0 | N | 97.0 |
| 6/27/1996 | Nesting | East | 0 | X | 97.0 |
| 6/28/1996 | Nesting | East | 0 | M | 97.0 |
| 5/30/2000 | Nesting | East | 0 | X | 96.0 |
| 5/30/2000 | Nesting | East | 0 | X | 96.0 |
| 6/11/2000 | Nesting | East | 0 | X | 96.0 |
| 6/12/2000 | Nesting | East | 0 | C | --- |
| 6/13/2000 | Nesting | East | 0 | M | 96.0 |
| 6/24/2000 | Nesting | East | 0 | N | 96.0 |
| 10/11/2002 | Near Shore | Oahu, Laniakea | 0 | - | --- |
| 1/31/2004 | Near Shore | Oahu, Chun's Reef, Basking | 0 | - | --- |

in water

ON ROCKS