

BALAZS

3 of 3

JANUARY 14, 2008
KAWAINUI - AMNH

P. 154
A = 8

2002, 2003, 2005-2008
KAWAINUI - KANEHOHE BAY

08-286-2899
Marine Turtle Research
NMFS HONOLULU LAB
2570 Dole Street
Honolulu, HI 96822-2396

October 14, 2002 - KAWAINUI
OCTO 15, 2002 KBAY

COMPOSITION BOOK

100 Sheets • 9³/₄ in. x 7¹/₂ in.

JANUARY 23, 2003 KAWAINUI

JANUARY 24, 03 KAWAINUI Right of Way

Name

JANUARY 27-30, 2003 KBAY KAREN ARTHUR

School

JUNE 8, 03 KBAY Noeiko, Cody

Grade

August 11 - 03 KAWAINUI
Michael W. Perry

Aug. 12, 03 KAWAINUI
K. ARTHUR
HB03353



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PRODUCT OF INDONESIA

AUGUST 18 KBAY K. ARTHUR

AUGUST 29, 03 KBAY (Chinlon)

Sept 12, 2003 KBAY (CARLOS)

OCT 4, 03 KBAY (Chinlon)

NOV 28, 05 KAWAINUI MRS. Sethevan

MAY 15, 06 KANEHOHE BAY

JULY 18, 07 KBAY

AUG 23, 07 KBAY DANIEL OADES

KAWAINUI, KBAY
BALAZS

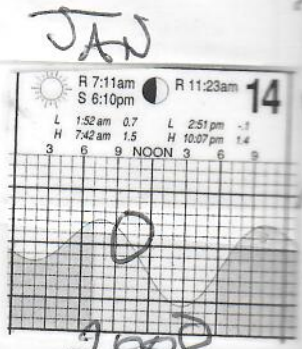
15A

Revised 08/21/07

①

START

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
Honolulu, HI 96822-2396



SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

CAPTURE DATE, LOCATION AND METHOD:

01-14-08 Monday KAWAII BAY, OAHU * NET
PERSON RECORDING DATA: SKYM

TUMOR SCORE: 0
ORAL TMRS EXT: YES OR NO: -
EMACIATION CODE: 0
MT#: -

OLD TAGS: [diagonal line]

NI: 4439725052
RHF: [barcode]
LHF: 44546D2D75 [barcode]

STRAIGHT CARAPACE - LENGTH: 46.6 cm WIDTH: 38.0 cm
NOTCH LENGTH: - cm DB: 0 L.O. VB: 0 L.O.
CURVED CARAPACE LENGTH: 50.0 cm WIDTH: 45.0 cm
HEAD WIDTH: 7.6 cm LATERAL1: 18.6 cm LATERAL2: 16.9 cm
PPS: YES OR NO OR NE Y LATERAL3: 12.8 cm SEX: Male, Female or Undetermined U
TAIL LENGTH: T 10.5 cm C 6.5 cm
RIGHT FRONT FLIPPER WIDTH: - cm SAMPLES COLLECTED: 5cc blood taken by Kate (T. work)
PLASTRON LENGTH: 39.1 cm
WEIGHT: 31.5 #

DESCRIPTIVE REMARKS:
9th L. marginal to L. post central healed injury, possible shark attack
LHF has 2cm healed tear
*100' x 5' in front of Schemm's Home

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

KATHUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08	KAWAII, BAY, OAHU	NET
PERSON RECORDING DATA: SYKM		

Score 1

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

MT#

OLD TAGS:

LHF 443A197133
RHF 4452745L29

NEW TAGS:

RHF
LHF

STRAIGHT CARAPACE - LENGTH:

50.6 cm

WIDTH:

40.6 cm

NOTCH LENGTH:

50.2 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

54.5 cm

WIDTH:

47.0 cm

HEAD WIDTH:

- cm

LATERAL1:

19.9 cm

LATERAL2:

17.6 cm

PPS: YES OR NO OR NE

Y

LATERAL3:

14.1 cm

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

9.0 cm

C

6.0 cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

5cc blood taken
by Kevin
(T. work)

PLASTRON LENGTH:

41.7 cm

WEIGHT:

38.0 #

DESCRIPTIVE REMARKS:

TUMORS
L-eye #1
R-eye #1, #2

156
3

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

CAPTURE DATE, LOCATION AND METHOD:

01-14-08 Monday	KAWAIIKI BAY, OAHU	NET
PERSON RECORDING DATA: SKKM		

KAILUA

TUMOR SCORE

1

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 4135787535

RHF 4136282B44

NEW TAGS:

RHF

LHF

MT#

STRAIGHT CARAPACE - LENGTH:

52.1 cm

WIDTH: 41.3 cm

NOTCH LENGTH:

51.7 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

56.0 cm

WIDTH: 50.0 cm

HEAD WIDTH:

- cm

LATERAL1: 18.7 cm

LATERAL2: 17.2 cm

PPS: YES OR NO OR NE

Y

LATERAL3: 14.4 cm

SEX: Male, Female or Undetermined U

TAIL LENGTH: T

11.5 cm

C 7.0 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

~~Stomach flush~~

PLASTRON LENGTH:

43.1 cm

WEIGHT:

40.5 #

Stomach flush
SAVED half for work for
T. half for
D. Russell
II

DESCRIPTIVE REMARKS:

Ruptured R. eye, scarred over -
RHF #1 normal skin tissue
LHF #2 normal skin on surface, but shrunken in appearance

TUMORS
LHF #2
RHF #1
- FLAT PLASTRON

yes to Disagree -
maybe but scarred
These balls
(Calcifer)
is not ruptured

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

KAILUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08 Monday	KAWAIIKI BAY, OAHU	HAND
PERSON RECORDING DATA: SKKM		

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 4250014053

RHF 424E7D3E079

NEW TAGS:

RHF

LHF

MT#

-

STRAIGHT CARAPACE - LENGTH:

57.5 cm

WIDTH:

45.6 cm

NOTCH LENGTH:

56.6 cm

DB:

0 LO.

VB:

0 LO.

CURVED CARAPACE LENGTH:

61.0 cm

WIDTH:

54.5 cm

HEAD WIDTH:

- cm

LATERAL1:

20.9 cm

LATERAL2:

19.8 cm

PPS: YES OR NO OR NE

N

LATERAL3:

16.4 cm

SEX: Male, Female
or Undetermined

~~Male~~

TAIL LENGTH: T

14.5 cm

C

10.5 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

45.6 cm

WEIGHT:

~~57.0~~ #

57.0

DESCRIPTIVE REMARKS:

Revised 08/21/07

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

KAILUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08 Monday	KAMAINUI BAY, OAHU	HAND
PERSON RECORDING DATA: SKM		

TUMOR SCORE <input type="text" value="0"/>	OLD TAGS: <input type="text" value=""/>	NE 44546A6622
ORAL TMRS EXT: YES OR NO <input type="text" value="-"/>	<input type="text" value=""/>	RHF 443A24072D
EMACIATION CODE <input type="text" value="0"/>	<input type="text" value=""/>	LHF 
MT# <input type="text" value="-"/>	<input type="text" value=""/>	

STRAIGHT CARAPACE - LENGTH: cm WIDTH: cm

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

CURVED CARAPACE LENGTH: cm WIDTH: cm

HEAD WIDTH: cm LATERAL1: cm LATERAL2: cm

PPS: YES OR NO OR NE LATERAL3: cm SEX: Male, Female or Undetermined

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: cm SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

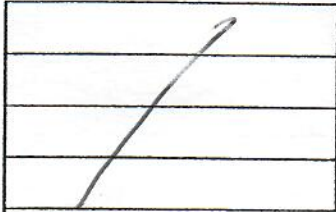
159
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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08 KAILUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08	KAWAIIKI BAY, OAHU	NET
PERSON RECORDING DATA: SKM		

TUMOR SCORE <input type="checkbox"/> 0	OLD TAGS: 	NEW TAGS: RHF: 44397C514D LHF: 4452052123
ORAL TMRS EXT: YES OR NO <input type="checkbox"/> -		
EMACIATION CODE <input type="checkbox"/> 0	MT# <input type="checkbox"/> -	

STRAIGHT CARAPACE - LENGTH: 53.6 cm WIDTH: 43.4 cm

NOTCH LENGTH: 53.6 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 59.0 cm WIDTH: 51.0 cm

HEAD WIDTH: 8.3 cm LATERAL1: 20.6 cm LATERAL2: 18.2 cm

PPS: YES OR NO OR NE N LATERAL3: 14.7 cm SEX: Male, Female or Undetermined U

TAIL LENGTH: T 9.0 cm C 4.0 cm

RIGHT FRONT FLIPPER WIDTH: - cm SAMPLES COLLECTED:

PLASTRON LENGTH: 44.6 cm

WEIGHT: 46.5 #

DESCRIPTIVE REMARKS:

Revised 08/21/07

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

KAILUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08	KAWAINUI BAY, OAHU	NET
PERSON RECORDING DATA: SKM		

TUMOR SCORE <input type="checkbox"/>	OLD TAGS: <input type="checkbox"/>	NEW TAGS: RHF: 443A2B5536 LHF: 44521C0B7D
ORAL TMRS EXT: YES OR NO <input type="checkbox"/>		
EMACIATION CODE <input type="checkbox"/>	MT# <input type="checkbox"/>	

STRAIGHT CARAPACE - LENGTH:	<input type="text" value="53.8"/> cm	WIDTH:	<input type="text" value="45.6"/> cm
NOTCH LENGTH:	<input type="text" value="53.7"/> cm	DB:	<input type="text" value="0"/> L.O.
		VB:	<input type="text" value="0"/> L.O.
CURVED CARAPACE LENGTH:	<input type="text" value="57.0"/> cm	WIDTH:	<input type="text" value="54.0"/> cm
HEAD WIDTH:	<input type="text" value="8.4"/> cm	LATERAL1:	<input type="text" value="20.9"/> cm
		LATERAL2:	<input type="text" value="19.1"/> cm
PPS: YES OR NO OR NE	<input type="text" value="Y"/>	LATERAL3:	<input type="text" value="14.8"/> cm
		SEX: Male, Female or Undetermined	<input type="text" value="U"/>
TAIL LENGTH: T	<input type="text" value="12.0"/> cm	C	<input type="text" value="9.0"/> cm
RIGHT FRONT FLIPPER WIDTH:	<input type="text" value="-"/> cm	SAMPLES COLLECTED:	
PLASTRON LENGTH:	<input type="text" value="44.2"/> cm		
WEIGHT:	<input type="text" value="51.5"/> #		

DESCRIPTIVE REMARKS:

~~END~~
KAWAINUI
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8

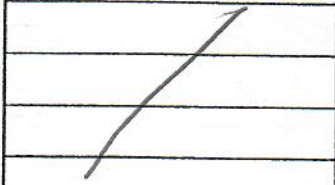

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 01/14/08

~~BAY~~ KAILUA

CAPTURE DATE, LOCATION AND METHOD:

01-14-08	KAWAINUI, BAY, OAHU	HAND
PERSON RECORDING DATA: SKM		

TUMOR SCORE <input type="checkbox"/> 0	OLD TAGS: 	NEAREST TAG NO. 4452047B42
ORAL TMRS EXT: YES OR NO <input type="checkbox"/> -		RHF 4451520141
EMACIATION CODE <input type="checkbox"/> 0	MT# -	LHF 

STRAIGHT CARAPACE - LENGTH:

51.4 cm

WIDTH:

39.6 cm

NOTCH LENGTH:

51.4 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

55.0 cm

WIDTH:

48.0 cm

HEAD WIDTH:

8.2 cm

LATERAL1:

20.5 cm

LATERAL2:

17.4 cm

PPS: YES OR NO OR NE

Y

LATERAL3:

13.9 cm

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

10.0 cm

C

6.5 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

41.9 cm

WEIGHT:

40.0 #

DESCRIPTIVE REMARKS:

Spongy Flush.
half of sample to T. Worth (snail appraisal)
half of sample to J. Russell for ID.

Revised 08/21/07

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

PERSON RECORDING DATA:	
------------------------	--

TUMOR SCORE <input type="text"/>	OLD TAGS: <input type="text"/>	NEW TAGS: <input type="text"/>
ORAL TMRS EXT: YES OR NO <input type="text"/>	<input type="text"/>	RHF <input type="text"/>
EMACIATION CODE <input type="text"/>	<input type="text"/>	LHF <input type="text"/>
	MT# <input type="text"/>	

STRAIGHT CARAPACE - LENGTH: <input type="text"/> cm	WIDTH: <input type="text"/> cm
NOTCH LENGTH: <input type="text"/> cm	DB: <input type="text"/> L.O. VB: <input type="text"/> L.O.
CURVED CARAPACE LENGTH: <input type="text"/> cm	WIDTH: <input type="text"/> cm
HEAD WIDTH: <input type="text"/> cm	LATERAL1: <input type="text"/> cm LATERAL2: <input type="text"/> cm
PPS: YES OR NO OR NE <input type="text"/>	LATERAL3: <input type="text"/> cm SEX: Male, Female or Undetermined <input type="text"/>
TAIL LENGTH: T <input type="text"/> cm	C <input type="text"/> cm
RIGHT FRONT FLIPPER WIDTH: <input type="text"/> cm	SAMPLES COLLECTED: <input type="text"/>
PLASTRON LENGTH: <input type="text"/> cm	<input type="text"/>
WEIGHT: <input type="text"/> #	<input type="text"/>

DESCRIPTIVE REMARKS:

871

9/5/07 HSB

Authorities investigate Kaneohe sandbar brawl

By Diane Leone
dleone@starbulletin.com

No arrests have been made in connection with a Labor Day fight at the largest sandbar in Kaneohe Bay, but the incident remains under investigation, a state spokeswoman said yesterday.

The state Department of Land and Natural Resources did have six conservation officers at the popular boat-anchoring spot on the Monday holiday, said spokeswoman Deborah Ward.

One bystander told the Star-Bulletin the fight may have involved as many as 20 people, but was quickly broken up by law enforcement officials.

Honolulu police said on Monday that three people went to the hospital with injuries after an altercation there, reported at 4:30 p.m.

Emergency medical technicians treated one man at Heeia-Kea Pier and transported one

to Castle Medical Center in stable condition, Honolulu Emergency Medical Services spokesman Bryan Cheplic said yesterday.

A third person was taken to a hospital in a private car from Heeia-Kea Pier, Honolulu police Sgt. Patricia Wilson said yesterday.

Cheplic couldn't elaborate on the nature of the injuries, but Ward said that potential charges against their assailants could be second-degree assault, signifying the use of a weapon, or third-degree assault, a misdemeanor.

It wasn't clear yesterday, however, what weapon, if any might have been used, Ward said.

The pier is the nearest access point to the mid-bay sandbar, which is also known as Ahu O Laka. It has been a popular spot for parties for years, but gained some infamy with a brawl some called a "riot" on Labor Day weekend 2005.

In that incident, as in this one so far, there were no arrests.

Kurt Mensch, a member of the Kahaluu Neighborhood Board, said he heard about the incident secondhand and hopes people don't rush to try and ban people going to the sandbar.

"There are altercations at all kinds of places. You have it at the stadium," Mensch noted. "Does that mean we all stop going to football games?"

Kahaluu Neighborhood Board Chairwoman Amy Luerson hadn't heard of Monday's incident, she said yesterday, but she said she would oppose any proposal to prevent access. "I feel people should be able to go to the sandbar with their families," Luerson said.

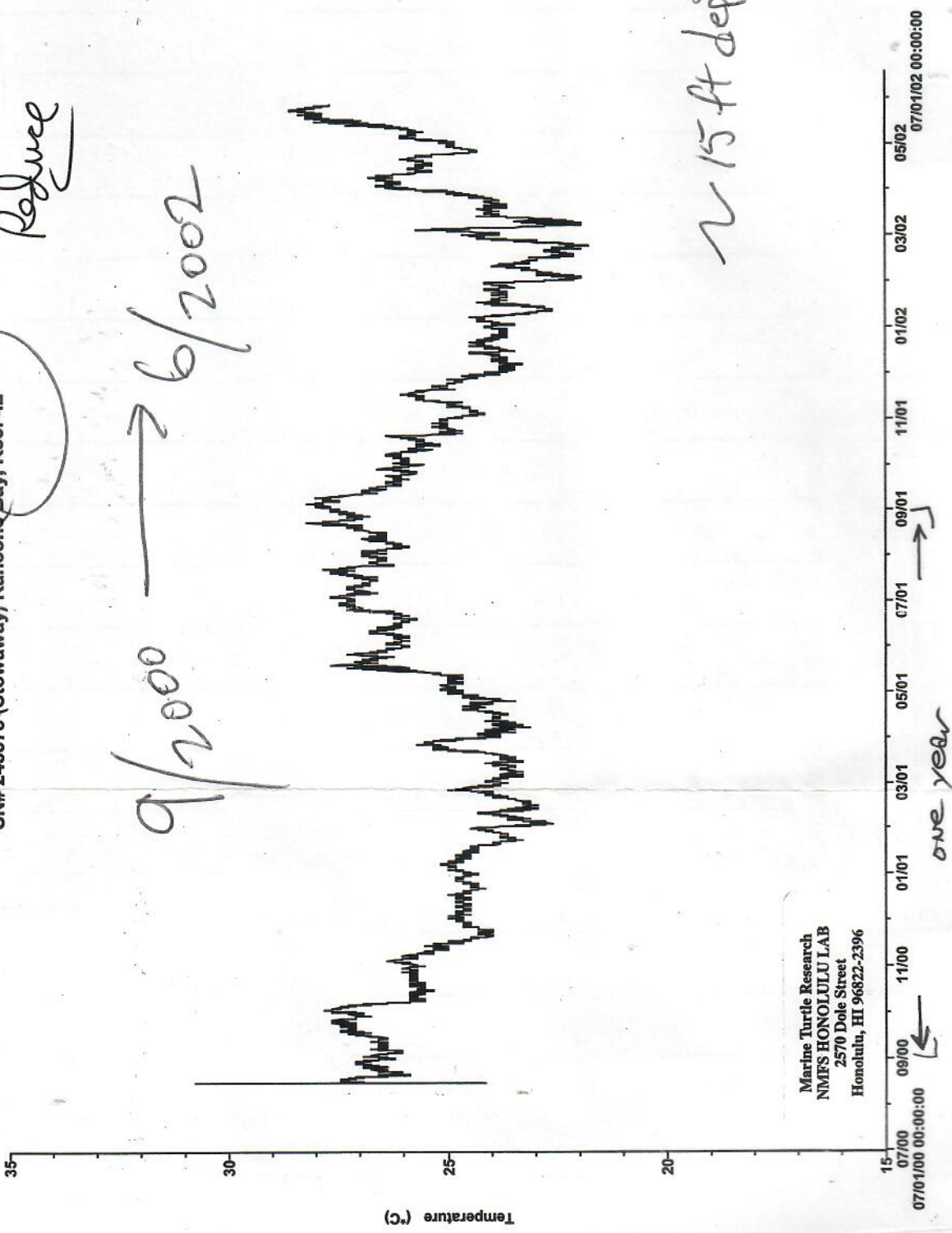
State Sen. Clayton Hee, who represents the area, said he would look into legislation banning open containers of alcohol on submerged lands — such as the sandbar.

SN# 243578 (Stowaway) Kaneohe Bay, Reef 42

Reduce

9/2000 → 6/2002

~ 15 ft depth

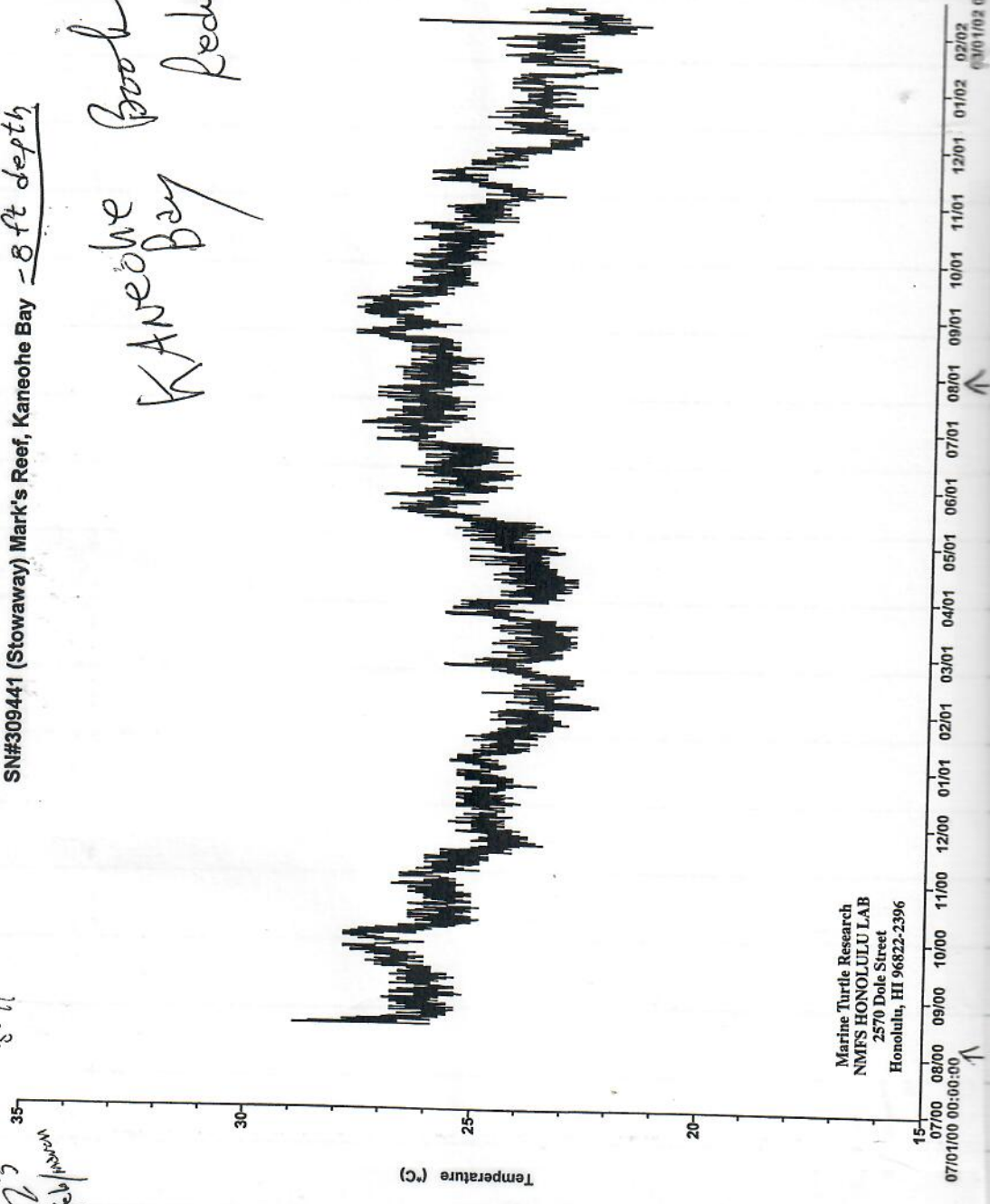


(25)

SN#309441 (Stowaway) Mark's Reef, Kaneohe Bay - 8 ft depth

Kaneohe Bay Reduce

23
4/25
20/5/01

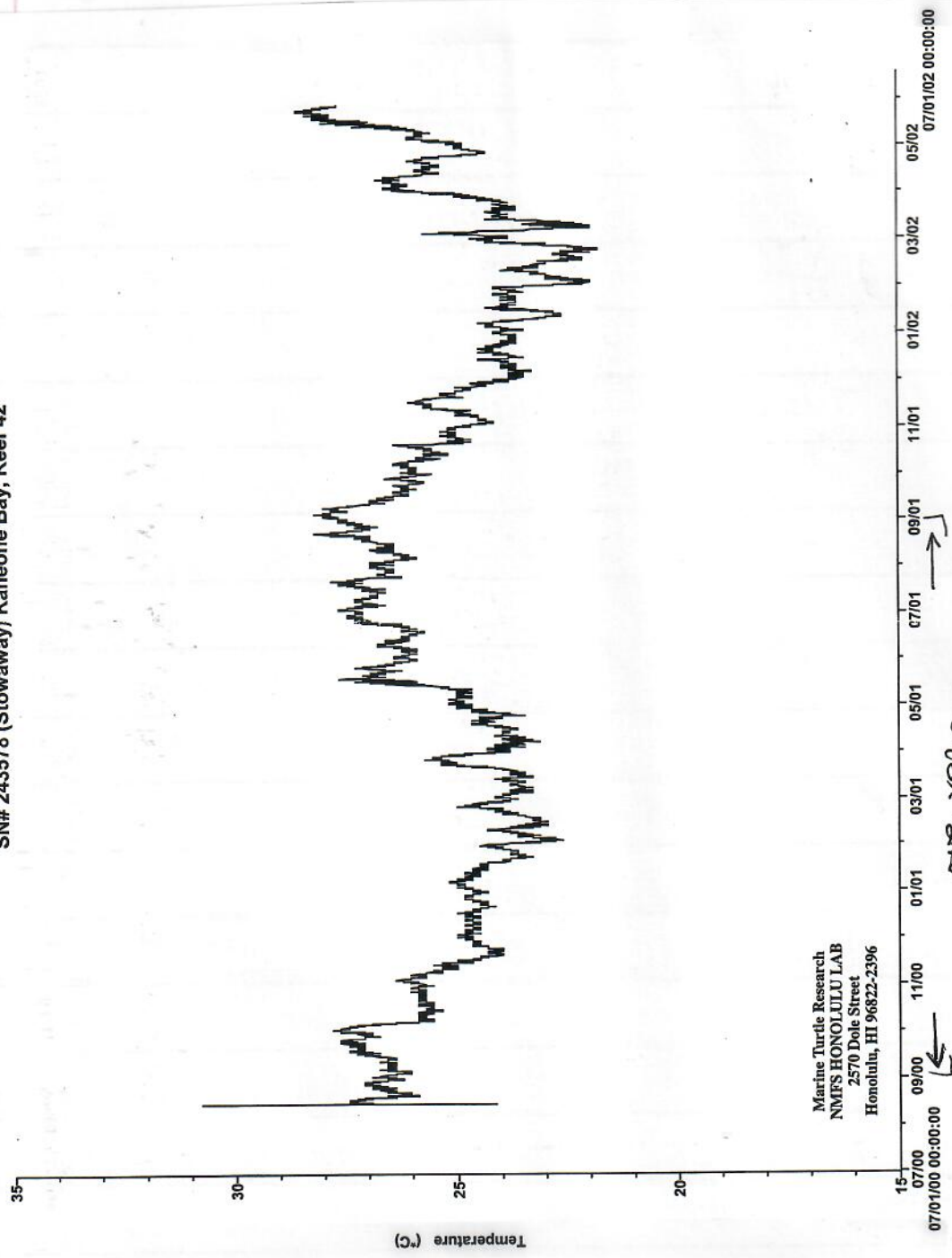


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Honolulu, HI 96822-2396

LOCATION, SIZE, AND NUMBER OF TUMORS

177

SN# 243578 (Stowaway) Kaneohe Bay, Reef 42



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TUMOR SCORE:

- APPROXIMATE TUMOR SIZE (mm) - 1-2 JOLIES
- #1 = DETECTABLE PATCH TO 1mm DIAMETER
 - #2 = > 1mm TO 4mm
 - #3 = > 4mm TO 10mm
 - #4 = > 10mm

LOCATION, SIZE, AND NUMBER OF TUMORS

①

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	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	1					posterior corner
LEFT EYE		1				involving rising eye, possibly upper tear duct
MOUTH						
NECK	1					fleshy patch
RFF	2	2				
LFF	1	1				
RHF	5	1				
LHF	3	2				
CLOACA / TAIL	/ / / / /					
SEAMS / SCUTES		1				#2 right intracloacal
INTERNAL						
TOTAL						

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

OTHER INFORMATION:

LHF 407A 386762

10-15-02

ARNOLDS Reef

TUMOR SCORE:

#2

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1cm DIAMETER
 - #2 = >1cm TO 4cm
 - #3 = >4cm TO 10cm
 - #4 = >10cm

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 NMFS HONOLULU LAB
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LOCATION, SIZE, AND NUMBER OF TUMORS *turtle 7*

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE		1			1	90% no vision
LEFT EYE		2			2	
MOUTH						
NECK	4	1	2			1 neck/cavapace
RFF		1	1		2	
LFF	1	1			2	
RHF	1	1	1		3	
LHF		2			2	
CLOACA / TAIL			1		1	
SEAMS / SCUTES						
INTERNAL						
TOTAL					13	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO NO

OTHER INFORMATION:
fat 4136363615
10-15-02

TUMOR SCORE:

APPROXIMATE TUMOR SIZE CATEGORIES:
 #1 = DETECTABLE PATCH TO 1cm DIAMETER
 #2 = >1cm TO 4cm
 #3 = >4cm TO 10cm
 #4 = >10cm

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 Honolulu, HI 96822-2396

LOCATION, SIZE, AND NUMBER OF TUMORS

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	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	1	1			2	Likely no vision, #1 ant. corner
LEFT EYE	1	1			2	#1 anterior, #2 posterior
MOUTH	3	1			4	3#1 RTH, 1#2 LTH
NECK	2	10	2		14	All neck tumors ringing.
RFF	2	11	2		15	
LFF	2	15	1		18	
RHF		1			1	
LHF		1			1	
CLOACA / TAIL						
SEAMS / SCUTES	1	1			2	#2 10th L. marginal, #1 plastron
INTERNAL						
TOTAL	12	42	5		59	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

Y

OTHER INFORMATION:

#7 Kaneohe Bay, Kapapa Choy
 442D67717C
 1-29-02

TUMOR SCORE:

3

- APPROXIMATE TUMOR SIZE CATEGORIES:
 #1 = DETECTABLE PATCH TO 1cm DIAMETER
 #2 = >1cm TO 4cm
 #3 = >4cm TO 10cm
 #4 = >10cm

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182 7/8/03 Tues
K-Bay

LOCATION, SIZE, AND NUMBER OF TUMORS Arnold's Reef
Hard snorkel

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	"(2)					visual
LEFT EYE			"(1)			visual-L
MOUTH	"(1)	"(3)	"(1)			= 2 globs at jaw hinge #2 root #3 (jaw hinge)
NECK	"(1)	"(3)	"(1)			
RFF		"(1)	"(2)			
LFF	"(2)	"(3)	"(2)			
RHF		"(1)				
LHF		"(3)				
CLOACA / TAIL		"(2)				cloaca
SEAMS / SCUTES						
INTERNAL						
TOTAL	6	16	7	0	29	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO Y

OTHER INFORMATION:
 new PIT = A23 75 CI A01
 See page 81
 7/9/03

TUMOR SCORE:

APPROXIMATE TUMOR SIZE CATEGORIES:
 #1 = DETECTABLE PATCH TO 1cm DIAMETER
 #2 = >1cm TO 4cm
 #3 = >4cm TO 10cm
 #4 = >10cm

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Mon
18/8
K. Bay

183

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	②					King
LEFT EYE			①			No Vision
MOUTH	①					Rnt jaw Hinge
NECK		①	②			
RFF	①①	①	①			
LFF	①	③	①			
RHF	③	①	②			
LHF	④	①	③			
CLOACA / TAIL	①					
SEAMS / SCUTES		①				
INTERNAL						
TOTAL	29	8	10.		47	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

Y

OTHER INFORMATION:

Dozen of barnacles back & belly 50+

LFF PIT 407 A2A355A

8-18-03 KBay

TUMOR SCORE:

3

APPROXIMATE TUMOR SIZE CATEGORIES:

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

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LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE		11 Lentil V. B. 2				Limited Vision
LEFT EYE		11 mm V. B. 2				Mon Vision
MOUTH		1 ①				
NECK			1 ⑤			
RFF		1 ①	1 ③			
LFF		1 ①	1 ①	1 leeds		
RHF	1 ①	1 ②	1 ③			
LHF	1 ⑤	1 ①	1 ③			
CLOACA / TAIL		1 ①				
SEAMS / SCUTES		1 ①				
INTERNAL						
TOTAL	4	13	20	1	38	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

Y

OTHER INFORMATION:

RH Saw Wtge #2 x1
Bark 1x #1
LM Saw Wtge #2 x1

see page #117

8/18/03 KBAY

EMC - 2

TUMOR SCORE:

3

APPROXIMATE TUMOR SIZE CATEGORIES:

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

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LOCATION, SIZE, AND NUMBER OF TUMORS

185

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE						
MOUTH						
NECK		"2				
RFF	'1		'1			
LFF	'1					
RHF	'1		"2			
LHF		"1				
CLOACA / TAIL		"2				
SEAMS / SCUTES						
INTERNAL						
TOTAL	3	5	3		11	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

-

see page
115

OTHER INFORMATION:

#1 on tongue x 1

8/18/03 KBAY

TUMOR SCORE:

3

APPROXIMATE TUMOR SIZE CATEGORIES:

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

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186

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE		11			2	
LEFT EYE	1	1			2	
MOUTH			1		1	#3 flt, not extended in mouth
NECK	111	11			5	
RFF	111				3	
LFF	11			1	3	
RHF		1			1	
LHF			1		1	
CLOACA / TAIL	1				1	#1 cloaca
SEAMS / SCUTES						
INTERNAL						
TOTAL	10	6	2	1	19	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

OTHER INFORMATION:

5/15/06 Arnolds Reef K-Bay
page 146, SCL 54.3
leech eggs

see p. 146

TUMOR SCORE:

2

APPROXIMATE TUMOR SIZE CATEGORIES:

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

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LOCATION, SIZE, AND NUMBER OF TUMORS

187

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE	1					
MOUTH	7	1	1			KSH #3 #2 LWH extends into mouth
NECK	1	1	1			
RFF	1	1				
LFF						
RHF		1				
LHF		1				
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL	7	7	6		20	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

Y

OTHER INFORMATION:

page 147
5/15/06 K Bay Reef 42 SCL 60.5

TUMOR SCORE:

2

APPROXIMATE TUMOR SIZE CATEGORIES:

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

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LOCATION, SIZE, AND NUMBER OF TUMORS

189

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE						
MOUTH						
NECK						
RFF						
LFF						
RHF						
LHF						
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL						

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

OTHER INFORMATION:

TUMOR SCORE:

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1cm DIAMETER
 - #2 = >1cm TO 4cm
 - #3 = >4cm TO 10cm
 - #4 = >10cm

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Historical Information for Turtle Tag 407D3A7D46

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 gbalazs@hnlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
407D3A7D46	8/25/2000	PIT	LHF
4135182653	8/25/2000	PIT	RHF

Date	Type of Encounter	Location:	TurnorRank:	NestingAct:	Curved Carapace	Since Last Encounter			Overall				
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates		
						Month	Year	cm/mo	cm/yr	Month	Year	cm/mo	cm/yr
8/25/2000	Near Shore	Oahu, Kaneohe Bay, Deep/42 & 43, Reef 42	0	-	41.5	---	---	---	---	---	---	---	---
5/15/2006	Near Shore	Oahu, Kaneohe Bay, A.O.L.	1	-	58.0	68.0	5.7	0.2	2.9	68.0	5.7	0.2	2.9



Historical Information for Turtle Tag 407D3A7D46

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
407D3A7D46	8/25/2000	PIT	LHF
4135182653	8/25/2000	PIT	RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting/Act.	Weight	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates lbs/mo	Interval Month	Year	Growth-Rates lbs/mo
8/25/2000	Near Shore	Oahu, Kaneohe Bay, Deep/42 & 43, Reef 42	0	-	18.0	---	---	---	---	---	---
5/15/2006	Near Shore	Oahu, Kaneohe Bay, A.O.L.	1	-	53.0	68.0	5.7	0.5	68.0	5.7	0.5

Historical Information for Turtle Tag 442C545204

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
442C545204	1/30/2003	PIT	LHF
442D25460A	1/30/2003	PIT	RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall			
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo	
1/30/2003	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	0	-	CM 45.2	---	---	---	---	---	---	---
8/18/2003	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	1	-	46.3	6.0	0.5	0.2	6.0	0.5	0.2	2.2
5/15/2006	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	0	-	51.9	32.0	2.7	0.2	39.0	3.3	0.2	2.0

Historical Information for Turtle Tag 442C545204

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
442C545204	1/30/2003	PIT	LHF
442D25460A	1/30/2003	PIT	RHF

169

Date	Type of Encounter	Location	Tumor Rank	Nesting Act.	Weight	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates lbs/mo	Interval Month	Year	Growth-Rates lbs/mo
1/30/2003	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	0	-	31.0	---	---	---	---	---	---
8/18/2003	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	1	-	34.0	6.0	0.5	6.0	6.0	0.5	6.0
5/15/2006	Near Shore	Oahu, Kaneohe Bay, Arnold's Reef	0	-	47.0	32.0	2.7	4.8	39.0	3.3	4.8

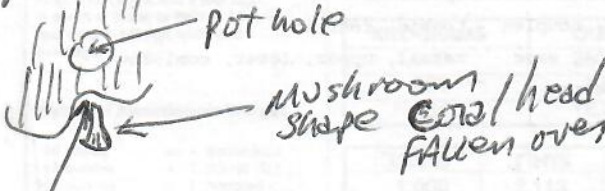
MULTIPLICATION

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25
6	12	18	24	30
7	14	21	28	35
8	16	24	32	40
9	18	27	36	45
10	20	30	40	50
11	22	33	44	55
12	24	36	48	60

Tidbit datalogger #
557673 *other previous loggers*

for Mark's Reef \approx P.175
Kaneohe Bay
Activated 9/22/03

Deployed 10/3/03 Friday
Mark's Reef



Hole where Depth \approx 8 ft
Large PCV was shored into.

Table of Time Measure

60 seconds	=	1 minutes
60 minutes	=	1 hour
24 hours	=	1 day
7 days	=	1 week
30 days	=	1 calendar m
12 months	=	1 year
365 days	=	1 common y
366 days	=	1 leap year
100 years	=	1 century

Table of Dry Measure

2 pints (pt.)	=	1 quart (qt.)
8 quarts	=	1 peck (pk.)
4 peck	=	1 bushel (bu)
1 cord	=	128 cu. ft.

Table of Liquid Measure

4 gills (gi.)	=	1 pint (pt.)
2 pints	=	1 quart (qt.)
4 quarts	=	1 gallon (gal)
31 1/2 gallons	=	1 barrel (bbl)
2 barrels	=	hogshead (hl)

Table of Paper Measure

24 sheets	=	1 quire
20 quires	=	1 ream
10 ream	=	1 bale

Table of Linear Measure

12 inches	=	1 foot
3 feet	=	1 yard
16-1/2ft. (5-1/2yds.)	=	1 rod
660 feet	=	1 furlong
320 rods (5280 ft.)	=	1 mile

Miscellaneous Measures

12 units	=	1 dozen
12 doz.	=	1 gross
12gr.	=	1 great gross
20 units	=	1 score
1 hand	=	4 inches
1 fathom	=	6 feet
1 knot	=	6086 feet
3 knots	=	1 league
1 bu. potatoes	=	60 lbs.
1 barrel flour	=	196 lbs.
1 cu. ft. of water	=	7.48 liquid gals.
		and weighs 62.425 lbs
Diameter of circle x 3.1416 =		circumference
Diameter of circle square x .7854 =		area
Atmospheric pressure is 14.7 lbs.		per sq. in. at sea level.
13-1/2 cu. ft. of air weighs 1 lb.		

Table of Circular Measure

60 seconds (")	=	1 minute (')
60 minutes	=	1 degree (°)
360 degrees	=	1 circumference
A degree of the earth's surface or a meridian = 69.16 miles at the equator.		

Table of Apothecaries' Weight

20 grains (gr.)	=	1 scruple
3 scruples	=	1 dram
8 drams	=	1 ounce
12 ounces	=	1 pound (lb.)

Table of Surface Measures

144 sq. in	=	1 sq. ft
9 sq. ft.	=	1 sq. yd.
30 1/4 sq. yds.	=	1 sq. rod
160 sq. rods	=	1 acre
640 acres	=	1 sq. mile
An acre measures 208.71 ft. on each side.		
A section of land is 1 sq. mile.		
A quarter section is 160 acres.		
A township is 36 sq. miles.		

1 decimeter (dm)	=	.1 m
1 decameter (dkm)	=	10 m
1 hectometer (hm)	=	100 m
1 kilometer (km)	=	1,000 m

CAPACITY

1 liter (l) = 100 cl	=	1,000 ml
1 milliliter (ml)	=	.001 l
1 centiliter (cl)	=	.01 l
1 deciliter (dl)	=	.1 l
1 decaliter (dkl)	=	10 l
1 hectoliter (hl)	=	100 l
1 kiloliter (kl)	=	1,000 l

WEIGHT

1 gram (g) = 100 cg	=	1,000 mg
1 miligram (mg)	=	.001 g
1 centigram (cg)	=	.01 g
1 decigram (dg)	=	.1 g
1 decagram (dkg)	=	10 g
1 hectogram (hg)	=	100 g
1 kilogram (kg)	=	1,000 g

CHES
9.37
6.00

FEET
0328
1/12
.000

UNDS
.002
1/16
.000
2.205

UNDS
2.205
1/16
1.000

GAL.
.264
1/8
1/4
1.000

000 mm
.001 m
.01 m
.1 m
10 m
100 m
1,000 m

KAWAIIKI, KONA

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