

#11.

Hawaiian Explorations.

D. 3968-3976.

H. 4351-4392.

May 27-June 1, 1902.

	2500	
1	2600	4351
	2700	
	2800	
	2900	3968
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station *P.L. 32.5*
 No. *1351 Hy* Date *May 17 - 02*
Sigsbee Machine. *1* Reel. *Heavy*
 Turns *1075* Cor. + *103* Depth *1178 fms*
 Shot or lead *36*
 Bottom *SR.*
 Bottom temperature *26.6*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *75* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.48.30</i>	<i>3.16.00</i>	0		
<i>49.30</i>	<i>14.50</i>	100		
<i>50.25</i>	<i>13.45</i>	200		
<i>51.20</i>	<i>12.35</i>	300		
<i>52.30</i>	<i>11.30</i>	400		
<i>53.30</i>	<i>10.15</i>	500		
<i>54.40</i>	<i>09.10</i>	600		
<i>56.10</i>	<i>08.00</i>	700		
<i>57.30</i>	<i>07.00</i>	800		
<i>59.00</i>	<i>05.40</i>	900		
<i>3.00.30</i>	<i>04.20</i>	1000		
<i>01.30</i>	<i>3.03.00</i>	<i>1075</i>		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 05' N. 166° 57' W.

OK
H.C.H.
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830 257
1075 154
3755 103
1075
1178

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 42.5

807.

No.

47. 4352

Date

27

May '02

Machine. / Reel.

Navy.

Turns 1764 Cor. + 158

Depth 1922 fms.

Shot or lead 60 lb

Bottom Grey Mud

Bottom temperature

35.5°

No. of thermometer

80460

Cor.

Corrected temperature

Air

76

Surface

74

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 52.00	34.25	0		
54.05	33.20	100		
55.10	32.20	200		
56.10	31.20	300		
57.10	30.20	400		
58.10	29.20	500		
59.10	28.15	600		
5. 00.15	27.15	700		
01.20	26.10	800		
02.30	25 =	900		
03.35	23.45	1000		
04.40	22.30	1100		
05.50	21.15	1200		
07.00	20.00	1300		
08.15	18.50	1400		
09.35	17.35	1500		
10.55	16.20	1600		
12.10	15.00	1700		
5. 13.00	5. 14.30	1764		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 55' 30" N. 166° 54' 30"

OK
JTC
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1764
3066

257
99
158
1764

1922

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 47.5

0075

No. *Hy. 4353*. Date *27 May '02.*

Sigsbee Machine. # *1* Reel. *Navy.*

Turns *1992* Cor. + *173* Depth *2165 fms.*

Shot or lead *60 Lbs.*

Bottom *Gry mud*

Bottom temperature *35.5*

No. of thermometer *80460.* Cor.

Corrected temperature

Air *75.* - Surface *74.* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.28.20</i>	<i>7.16.30</i>	0		
<i>29.15</i>	<i>15.15</i>	100		
<i>30.05</i>	<i>14.10</i>	200		
<i>30.55</i>	<i>12.50</i>	300		
<i>31.50</i>	<i>11.40</i>	400		
<i>32.50</i>	<i>10.30</i>	500		
<i>33.45</i>	<i>09.25</i>	600		
<i>34.45</i>	<i>08.20</i>	700		
<i>35.45</i>	<i>07.10</i>	800		
<i>36.45</i>	<i>06.00</i>	900		
<i>37.50</i>	<i>04.40</i>	1000		
<i>38.55</i>	<i>03.20</i>	1100		
<i>40.00</i>	<i>02.05</i>	1200		
<i>41.10</i>	<i>7.01.00</i>	1300		
<i>42.15</i>	<i>59.45</i>	1400		
<i>43.30</i>	<i>58.30</i>	1500		
<i>44.40</i>	<i>57.10</i>	1600		
<i>45.55</i>	<i>55.45</i>	1700		
<i>47.05</i>	<i>54.20</i>	1800		
<i>48.25</i>	<i>52.45</i>	1900		
<i>6.49.20</i>	<i>6.51.10</i>	<i>1992</i> 2000		
		2100		
		2200		
		2300		
		2400		

23° 50' 10" N. 166° 53' 10" W.

OK
H.C.
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1992
2838

257
84
173
1992
65

21 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

P.L. 62.5

No. *4354* Date *May 27th*

Sigsbee Machine. # *1* Reel. *Navy.*

Turns *268* Cor. + *27* Depth *295 fms.*

Shot or lead *60 lbs.*

Bottom *fm. co. S.*

Bottom temperature *47°*

No. of thermometer *80460* Cor.

Corrected temperature

Air *73* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-10.55</i>	<i>17.45</i>	0		
<i>11.55</i>	<i>16.35</i>	100		
<i>12.55</i>	<i>15.30</i>	200		
<i>13.40</i>	<i>14.40</i>	<i>268</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 04' N. 166° 51' W.

OK
H.C.B.
3

768
77
795

4830

257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

Cast Log 67.5

No. *4355* Date *May 27-02*
Sigsbee Machine. #1 Reel. *Navy*
Turns *165* Cor. + *16* Depth *181 fms*
Shot or lead *35 lbs.*
Bottom *fm lev. S. Sh.*
Bottom temperature *54.5°*
No. of thermometer *80460* Cor.
Corrected temperature
Air *73* Surface *74* Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-28.50</i>	<i>34.30</i>	0		
<i>30.40</i>	<i>33.20</i>	100		
<i>31.40</i>	<i>32.40</i>	<i>165</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 09' N. 166° 50' 45" W.

fk
HOB
2

165
16
181

4830

257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 72.5

5071

No. 4356 Hy Date 28 May 02

Machine. Reel.

Turns 165 Cor. + 16 Depth 181 fms

~~Shot or lead~~ 35 #

Bottom fm. co. S.

Bottom temperature

55.0°

No. of thermometer

80460

Cor.

Corrected temperature

Air 73

Surface 72

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12:43.30 2:49.15
 44.40 48.00
 45.20 47.10

0
 100
 165
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

24° 13' N. 166° 49' 30" W.

OK
H.C.F.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

~~4830 257~~
~~165 240~~
~~4665 17~~
~~160~~
~~182~~

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4357* Date *28 May 02*
Sigsbee Machine. *1* Reel.
 Turns *22* Cor. + *0* Depth *24 fms*
 Shot or lead *35 lb*
 Bottom *cr. co. S.*
 Bottom temperature *62.0*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *71* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.49.50</i>	<i>1.37-</i>	<i>22</i>		
<i>50.10</i>		<i>100</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 08' 30" N. 166° 48' W.

all
H₂O
in

4830 257

22 255

4808

22

24

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4358* Date *28 May 07*
 Machine. *Sigsbee* Reel. *Hooy*
 Turns *380* Cor. + *38* Depth *418 fm*
 Shot or lead *36*
 Bottom *crs. br. S.*
 Bottom temperature *42.9*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *74* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.44.00</i>	<i>2.54.15</i>	0		
<i>45.10</i>	<i>53.00</i>	100		
<i>46.10</i>	<i>51.50</i>	200		
<i>47.10</i>	<i>50.30</i>	300		
<i>48.00</i>	<i>2:49.30</i>	<i>380</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 05' N. 166° 53' W.

11
H.C.
/

3'

4830 257
380 219
4450 38
386
418

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4359 Date May 28 02
 Machine. Reel.
 Turns 653 Cor. + 65 Depth 718 fms
 Shot or lead 35 lb
 Bottom fr. G. S. For.
 Bottom temperature 38°
 No. of thermometer 80460 Cor.
 Corrected temperature
 Air 74 Surface 73 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.47.10	4.01.50	0		
48.10	101.40	100		
49.10	4.00.30	200		
50.20	51.30	300		
51.30	52.30	400		
52.40	53.20	500		
53.45	54.20	600		
54.50	55.30	653		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 00' N / 166° 51' 30" W.

OK
J. C. C.

4830 257
653 192
4177 655
653
718

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 92.5

No.

Hy. 4360

Date

28 May '02

Sigsbee Machine. * /

Reel.

No.

Turns 1052 Cor. + 101

Depth 1153 fms.

Shot or lead 35 lbs

Bottom gy. ls. M.

Bottom temperature 36.2

No. of thermometer 80460. Cor.

Corrected temperature

Air 73. - Surface 74. - Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.57.15	5.26.30	0
58.35	25.25	100
5.00.35	24.20	200
02.00	23.10	300
03.15	22.00	400
04.40	20.55	500
06.00	19.40	600
07.30	18.35	700
09.20	17.20	800
10.55	16.15	900
12.20	15.00	1000
5.13.15	5.14.20	1052
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

23° 55' 30" N. 166° 50' W.

OK
HCB.
/

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4830 257
1052 156
5778 106

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H 4361* Date *28 May '02*Machine *Sigsbee* Reel *Navy*Turns *1667* Cor. + *150* Depth *1817 fms*Shot or lead *35 Lbs.*Bottom *Gray Mud*Bottom temperature *35.5*No. of thermometer *80460* Cor.

Corrected temperature

Air *73.* Surface *74.* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.20.45</i>	<i>7.05.45</i>	0		
<i>22.00</i>	<i>04.40</i>	100		
<i>23.00</i>	<i>03.35</i>	200		
<i>24.00</i>	<i>02.35</i>	300		
<i>25.10</i>	<i>01.35</i>	400		
<i>26.30</i>	<i>7.00.25</i>	500		
<i>27.40</i>	<i>59.30</i>	600		
<i>29.05</i>	<i>58.25</i>	700		
<i>30.20</i>	<i>57.20</i>	800		
<i>31.50</i>	<i>56.20</i>	900		
<i>33.10</i>	<i>55.20</i>	1000		
<i>34.45</i>	<i>54.10</i>	1100		
<i>36.35</i>	<i>52.55</i>	1200		
<i>38.45</i>	<i>51.40</i>	1300		
<i>40.25</i>	<i>50.20</i>	1400		
<i>41.55</i>	<i>49.00</i>	1500		
<i>43.30</i>	<i>47.35</i>	1600		
<i>6.45.00</i>	<i>6.46.30</i>	<i>1667</i> <i>1700</i>		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 50' 30" N. 166° 48' 45" W.

OK
2000
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830 257
1667 107

3163 150
1667

1817 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

PORT.

No Key 4362

Date May 28, 1902

Sigsbee Machine. #1 Reel. Gary.

Turns 965 Cor. + 94. Depth 1059 fms.

Shot or lead 60 lbs.

Bottom Co S v 003E -

Bottom temperature 36.7°

No. of thermometer 80460 Cor.

Corrected temperature

Air 74 Surface 75 Drift

Trawl or dredge

DO

23° 50' N. 166° 38' W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4830	257	3600	
965	163	3700	
3865	94	3800	
	965	3900	
	1059	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat. Log. 17.5
Courtesy E. H. N.
No. *4363*Date *May 28, 1902.**Sigsbee*Machine. *#1*Reel. *Hand.*Turns *371* Cor. + *37*Depth *408 fms*Shot ~~on load~~ *35 lbs.*Bottom *Cr. S. Glob.*Bottom temperature *41.3°*No. of thermometer *80460* Cor.

Corrected temperature

Air *74*Surface *75*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>11-25.55</i>	<i>34.20</i>	0		
<i>26.40</i>	<i>33.20</i>	100		
<i>27.35</i>	<i>32.20</i>	200		
<i>28.35</i>	<i>31.15</i>	300		
<i>29.30</i>	<i>30.30</i>	<i>371</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23°49'30" N. 166°28'W.

OK
H.C.B.
3

4830

257

371
37
408

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
519
 No. *4364* *Hy* Date *May 28th 02*
Sigsbee Machine. Reel. *500*
 Turns *357* Cor. + *36* Depth *393* *fms*
 Shot or lead *36*
 Bottom *Rky*
 Bottom temperature *50.0*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *74* Surface *70* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.40.30</i>	<i>12.49.00</i>	0		
<i>41.25</i>	<i>47.56</i>	100		
<i>42.10</i>	<i>46.30</i>	200		
<i>43.10</i>	<i>45.20</i>	300		
<i>44.20</i>	<i>44.40</i>	<i>357</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 49' 10" N. 166° 23' W.

OK
Feb
12

4830 257
357 221
4473 36
357
393

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4365*. Date *29 May '02*

Hand Machine. Reel.

Turns Cor. +

Depth *7 fms*Shot or lead *14 lbs.*Bottom *No specimen*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *73* - Surface *74* - Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.48

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Hy 4366**8.13 = 14 1/2 fms (no specimen)**Oil H.V. 21**(no specimen)*

Chart Log. 342
Course S.S.W.
14 1/2. 14 1/2. 13. 13
13. 12 1/2. 12 1/2. 12. 12 1/2. 13. 14 1/2. 13. 13. 13.
13. 14. 14 1/2. 14 1/2

Course S.E. by E 1/4 E 7.52 AM
P.S. 225

13. 14. 14 1/2. 14 1/2

French Frigate Shoal

28°50'40"N. 166°21'57"W.

OK
H. O. P.
2

4830 257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#4366- 28°46'40"N. 166°18'30"W.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

①

REMARKS:

Soundings bet. #4365-'66:
 7.7.9.40.9.8. 7 1/2 . 9.8. 8.9. 10 1/2 .
 10 1/2 . 7. 10. 11. 10 3/4 . 13. 14. 14 1/2 .
 13. 13. 13 1/2 . 13 1/2 . 13. 13. 15 . (30.4)
 14 1/2 . 15. 14 3/4 . 14 3/4 . 15. 16. 15.
 14 1/2 . 14 1/2 . 14 1/2 . 14 3/4 . 14 1/2 . 14. 13 1/2 .
 13 3/4 . 13 3/4 . 14. 13. 12 3/4 . 12 1/2 . 12 1/2 { Set for 25
 (SEA 9 1/2 E.

Hutchinson
No. *5*

Lat 49 34.7

No. *3968*

Date *May 29, 1902.*

Hand Machine. Reel.

Turns — Cor. + Depth *14 1/2 fms*

Shot or lead *14 lbs.*

Bottom *cr. S. Co.*

Bottom temperature *None*

No. of thermometer Cor. *N 68° W*

Corrected temperature *SWNW*

Air *73* Surface *75* Drift *swab.!*

Trawl or dredge *Tangle swabs, small weight*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-20.50</i>		0	<i>8-23⁰⁰</i>	<i>42.40</i>
		30		
		100	<i>25.30</i>	<i>8.40</i>
		200		
		300	<i>Lost one swab.</i>	
		400		
		500		
<i>Hy. 4367.</i>		600	<i>OK</i>	<i>N.D.</i>
<i>8-43</i>		700	<i>(no specimen.)</i>	
<i>a 16 1/2 fms.</i>		800		
		900		
<i>marks end of</i> <i>S#3968.</i>		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 46' N. 166° 18' 55" W.

166° 18' 55"

gk
H. 100
3

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Tangles:

2 kinds branching
corals; many kinds
algae, soft sp. bryozoa.
soft sp. sponge, 4 sp.
echinoids; soft sp.
serpent stars; 7 kinds
crabs; alphea; soft
lemellibranchs attached
to coral; 4 kinds annelids
Noma centrus sp.?

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Hy. 4367 = 23° 46' 25" N. 166° 19' 55" W. 166° 19' 55" W.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Cast Log 34.7

white dredging

REMARKS:

Soundings between 17° 39' 6" and Hy 4367 A
14 1/2. 14. 15. 14 1/2. 15. 14 1/2. 15. 15 1/2. 15 1/2.
14 3/4. 15. 15. 15. 16. ~~16 1/2. 14 1/2. 17.~~

Stetson
 Pat Log 35.3
 Course S.S.W.
 No. *3969* Date *May 29-02*
 Hand Machine. Reel.
 Turns Cor. + Depth *15 fms*
 Shot or lead *14 lbs*
 Bottom *crs. S. sh. Co.*
 Bottom temperature *None*
 No. of thermometer Cor. *X 68° W*
 Corrected temperature *{ W N W*
 Air *74* Surface *74* Drift *1/2'*
 Trawl or dredge *Tangle swabs, 5 swabs.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.55 =</i>		<i>35</i>	<i>9 am</i>	<i>19.20</i>
		<i>100</i>	<i>02.10</i>	<i>17.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 45' 50" N. 166° 20' 15" W.

OK
H. C. B.
H. C. B.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Tangles:

Little branching coral; many
algae; sev'l kinds bryozoa; sev'l kinds
sponge; sev'l kinds echinoids; 4 kinds
ophuroids; 4 kinds crabs; alpheid; 2
munida; 2 kinds annelids.

Sounding between 3969. & 4368.
15.15. 16 fms.

REMARKS:

No. *4368*Date *May 29-02**Hand* Machine. Reel.

Turns Cor. +

Depth *16 fms*Shot or lead *14 lbs*Bottom *Co.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *74*Surface *74*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*9.21.10**Marks and**3969*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*4366-14 1/2 fms 8.3 am**4367-16 1/2 fms*

23° 46' 10" N. 166° 20' 40" W

OK
8/20/21
5/2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Whitchinson
 Cat Log 35.8
 Course S.S.W.
 No. 3970 Date May 29-02

Sand Machine. Reel.
 Turns — Cor. + — Depth 17 fms

Shot or lead 14 lbs.
 Bottom co. S. Sh. Co.

Bottom temperature
 No. of thermometer *None* Cor. *N 68° W*
 Corrected temperature
 Air 74 Surface 74 Drift *8/10'*

Trawl or dredge *Tangle swab, 5 swabs,*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.38 ⁰⁰		0	9.42.40	10-01.20
		35	44.30	9-59.50
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

28° 45' 50" N. 166° 20' 50" W.

OK
H.O.
in.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles : 2 kinds corals; little sponge; 1 trachyopod; 4 kinds brachyurans; alpheus; 2 kinds munida, several kinds algae; 2 kinds echinoids.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson
 No. *44* 4369 Date *May* 29, 1902.
Hand Machine. — Reel.

Turns Cor. + Depth *17 1/2 fms*

Shot or lead *14 lb.*

Bottom *cr. S. Co.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *74* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 00.30</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 46' 20" N, 166° 21' 30" W.

OK
HCB.
/2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

3971

Date

May 29/1902.

Land

Machine.

Reel.

Turns

Cor. +

Depth

17 fm

Shot or lead

14 lbs

Bottom

cr. S. sh. Co.

Bottom temperature

No. of thermometer

Cor.

N 68° W

Corrected temperature

Air

72

Surface

72

Drift

2/10'

Trawl or dredge

Tough snails, 5 snails

SOUNDING WIRE.

DOWN.

UP.

TURNS

DREDGE ROPE.

DOWN.

UP.

10.14 00

35

10.18.30

37.50

20.15

35.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 46' 05" N. 166° 21' 47" W.

OK
H.C.B.
-3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles: Few detached coral fragments; 3 kinds crabs; 2 urchins; 1 ophiuran.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost one swab, and
one bit from bar.

No.

4370

Date

May 29th

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

14 lbs

Bottom

crs. S. Co.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.36⁰⁰

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Marks end of
N^o 3971

23° 46' 30" N. 166° 22' 15" W.

OK
HCB.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
Hutchinson
Pat Log 36.8
Course S.S.W.
No. 4371 Date *29th May '02.*
Tanner Machine. Reel.

Turns *24* Cor. + *1* Depth *25 fms*

~~Shot or lead~~ *26 lbs*

Bottom *wh S. fm Sh. coralline.*

Bottom temperature *None*

No. of thermometer *None* Cor.

Corrected temperature

Air *71* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10:54.10</i>	<i>54.50</i>	0		
<i>54.20</i>	<i>54.25</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 46' 25" N. 166° 23' W.

OK
HCB?
12

496
24
472

12

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

23

REMARKS:

Cat Log 37.3
Course S.S.W.

No.

3972

Date

May 29

Machine. — Reel.

*Approl

Turns — Cor. +

Depth 100 fms

Shot or lead 26 lbs.

Bottom crs S. los.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

71

Surface

76

Drift

W 1/2'

Trawl or dredge

Tough swabs, 4 swabs.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-03.40

06.45

0

11-13.10

09.00

04.25

04.30

100

16.25

05.00

200

19.40

12.01.15

300

24.30

57.30

350

32.30

55.15

400

42.30

11.53.30

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 46' 20" N. 166° 23' 55" W.

ok
HCB
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

496

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles - Catch not listed.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

* Captain's orders, register read 110 turns. Wire running off at large angle.

No. *1372 Hy* Date *29 May 1902*
Sigsbee Machine. *1* Reel. *Hawey*
 Turns *340* Cor. *+ 3 4* Depth *374 fms*
 Shot or lead *36*

Bottom *cs. co. S. Sh.*

Bottom temperature

No. of thermometer *80460* Cor.

Corrected temperature

Air *73* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12:11.00</i>	<i>17.18.55</i>	0		
<i>12.00</i>	<i>17.40</i>	100		
<i>12.55</i>	<i>16.40</i>	200		
<i>1.4.00</i>	<i>15.40</i>	300		
<i>12.14.00</i>	<i>17.15.10</i>	<i>340</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

His marks
12 24 7 2

23° 42'		23° 46' 20" N.		166° 24' 55" W.	
OK #100. 5			2500		
			2600		
			2700		
			2800		
			2900		
			3000		
			3100		
			3200		
			3300		
			3400		
			3500		
			3600		
			3700		
			3800		
			3900		
4830	257		4000		
340	34				
374					

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stacy
 No. *3973* Date *29 May 02*
Sigsbee Machine. Reel. *Heavy*
 Turns *359* Cor. + *36* Depth *395 fms*
 Shot or lead *36*

Bottom *crs. co. S. sh. G. R.*

Bottom temperature

No. of thermometer *80460* Cor. *N 17° W*
N 47° W

Corrected temperature

Air *72* Surface *76* Drift *2'*

Trawl or dredge *52' Blake with open*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.29.30</i>	<i>12.38.50</i>	0	<i>12.53.00</i>	<i>1.36.30</i>
<i>30.30</i>	<i>37.40</i>	100	<i>57-30</i>	<i>33.00</i>
<i>31.30</i>	<i>36.40</i>	200	<i>1.00.30</i>	<i>29.40</i>
<i>32.30</i>	<i>35.30</i>	300	<i>03.40</i>	<i>26.30</i>
<i>33.20</i>	<i>12.34.50</i>	<i>359</i>	<i>06.30</i>	<i>23.00</i>
		400		<i>18.40</i>
		500	<i>10.10</i>	
		<i>500</i>	<i>1.12.00</i>	<i>1-16.40</i>
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 47' 10" N. 166° 24' 55" W.

OK
JCB

4830 207

359
36
395

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Blake Trawl:			
50	1 fragment red coral; 2 kinds gorgonians;			
100	1 ophiocreas on gorgonian; many			
200	single-armed basket stars; 2 twisted			
300	about gorgonians; 2 kinds (1 each)			
400	prawns; 1 anomuran; 1? neoscopelus			
500	macrolepidotus; 2 kinds annelids.			
600				
700				
800				
900				
1000				

REMARKS:

Drift came away and
was come up capsized.
Nothing lost

No. *2974* Date *29 May 02*
 Machine. *Sigsbee* Reel. *Aug*
 Turns *361* Cor. + *36* Depth *397 fms*
 Shot or lead *35 lb*
 Bottom *fine G. S. Glob. og.*
 Bottom temperature *41.2*
 No. of thermometer *80460* Cor. *N 17° W*
 Corrected temperature *(N 47 1/2° W)*
 Air *75* Surface *76* Drift *1/2'*
 Trawl or dredge *Paugh's 4 swabs*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.38.50</i>	<i>1.47.50</i>	0	<i>1.51.30</i>	<i>2.54.20</i>
<i>39.55</i>	<i>46.50</i>	100	<i>55.00</i>	<i>53.10</i>
<i>40.15</i>	<i>45.50</i>	200	<i>58.10</i>	<i>50.00</i>
<i>42.10</i>	<i>44.50</i>	300	<i>2:01.00</i>	<i>46.30</i>
<i>42.40</i>	<i>1.44.15</i>	<i>361</i>	<i>03.50</i>	<i>42.20</i>
		400	<i>06.30</i>	<i>39.00</i>
		500	<i>09.10</i>	<i>35.00</i>
		600	<i>2.10.00</i>	<i>2.34.00</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 49' 30" N, 166° 25' 55" W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
4830	257	3400	
		3500	
		3600	
		3700	
		3800	
36.6		3900	
397		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	36.1			
100	36			
200	397			
300				
400	Angles =			
500	Several pieces gorgonians;			
600	1 crab; 1 starfish; numerous			
700	single-arm basket-stars attached			
800	to gorgonians; 2 kinds sponges,			
900				
1000				

REMARKS:

No. *4373* Date *29 May '02*
 Machine. *1* Reel. *1*
 Turns *376* Cor. + *35* Depth *414 fms*
 Shot or lead *35*
 Bottom *Co S. bk S.*
 Bottom temperature *41*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *70* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.56.15</i>	<i>3.05.01</i>	0		
<i>57.15</i>	<i>04.00</i>	100		
<i>58.10</i>	<i>03.00</i>	200		
<i>59.15</i>	<i>02.00</i>	300		
<i>3.00.30</i>	<i>3.01.30</i>	<i>376</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 50' N. 166° 26' 10" W.

OK
376
38
414

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

376
38
414

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	376			
200	38			
300	414			
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 64.1

E. by N. (S.O.)

Hy. 4374. Date 29 May '02.

Machine #1 Reel. Navy

Turns 829 Cor. + 83 Depth 912 fms.

Shot or lead 60 lbs.

Bottom Co. S, glob. ooze, mang. volcanic rocks.

Bottom temperature 37.1

No. of thermometer 80460. Cor.

Corrected temperature

Air 74 Surface 74 Drift

Trawl or dredge

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.56.45	14.30	0		
57.40	13.30	100		
58.30	12.30	200		
59.25	11.30	300		
8.00.15	10.35	400		
01.10	09.30	500		
02.15	08.25	600		
03.20	07.15	700		
04.25	06.15	800		
8.04.40	8.06.00	829		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

French Frigate to Necker Id.

28° 56' N.

166° 02' W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830

257

829
83
912

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Staley
 No. *4395* Date *30 May 02*
Sigsbee Machine. Reel. *1000*
 Turns *980* Cor. + *97 1/4* Depth *1070 fms*
 Shot or lead *60*
 Bottom *fn co s, and glob. ooze.*
 Bottom temperature *36.5*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *74* Surface *75* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>17.57.10</i>	<i>19.45</i>	0		
<i>58.00</i>	<i>18.30</i>	100		
<i>59.00</i>	<i>17.20</i>	200		
<i>59.55</i>	<i>16.15</i>	300		
<i>1.00.55</i>	<i>15.10</i>	400		
<i>02.00</i>	<i>14.00</i>	500		
<i>03.00</i>	<i>13.00</i>	600		
<i>04.00</i>	<i>12.50</i>	700		
<i>04.55</i>	<i>12.40</i>	800		
<i>05.55</i>	<i>12.35</i>	900		
<i>07.00</i>	<i>1.08.30</i>	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 58' 30" N, 165° 42' 21"

OK
2000
→

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4830 257
980 162
3850 95
980
1075

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 14.1
E. by N (S.C.)

No. 4376. Date

30 May 12

Sigsbee Machine.

Reel. Navy

Turns 1790 Cor. + 160

Depth 1950 fms

Shot or lead 60 Lbs

Bottom gray co. s., little glob. ooze.

Bottom temperature Therm. fouled on stay line and did not register.

No. of thermometer 80460. Cor.

Corrected temperature

Air 72. - Surface 73. - Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5.39.25	6.18.45	0		
40.20	17.35	100		
41.10	16.35	200		
42.05	15.30	300		
43.00	14.25	400		
44.00	13.25	500		
44.55	12.25	600		
45.55	11.20	700		
46.55	10.15	800		
47.55	09.10	900		
49.00	08.00	1000		
50.05	07.00	1100		
51.10	05.55	1200		
52.15	04.50	1300		
53.25	03.45	1400		
54.35	02.25	1500		
55.45	01.30	1600		
57.00	6.00 20	1700		
5.57.20	5.59.15	1790		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 02' N, 165° 15' W.

512
800.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1790
3040

257
97

160
1790
1950

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Autism

Course

A.L. = 39.1
S.S.E.

No. 4377

Date May 30th 1902

Machine. #1 Reel.

Wavy.

Turns 2140 Cor. + 182

Depth 2322 fms.

Shot or lead 35 Lbs.

Bottom Co S, Glob. ooze & volcanic rocks.

Bottom temperature 35.3

No. of thermometer 50460 Cor.

Corrected temperature

Air 75 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-27.30	23.35	0		
28.25	22.30	100		
29.15	21.30	200		
30.10	20.30	300		
31.15	19.30	400		
32.20	18.35	500		
33.30	17.35	600		
34.45	16.35	700		
36.05	15.40	800		
37.25	14.35	900		
38.45	13.30	1000		
40.15	12.20	1100		
41.40	11.15	1200		
43.10	10.05	1300		
44.40	08.55	1400		
46.15	07.45	1500		
48 =	06.30	1600		
49.40	05.20	1700		
51.15	04 =	1800		
52.50	02.35	1900		
54.25	11-01.10	2000		
56.10	59.35	2100		
57.20	58.40	2140		
		2200		
		2300		
		2400		

28° 55' N, 164° 50' W.

OK
HOB.
/

4830
2140
2690
257
75
182
2140
2322

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost me 35 lb shot onboard.

Sailer
 No. *3475* *51* Date *31 May 02*
Tanner Machine. Reel.
 Turns *15* Cor. + *4* Depth *16 fms*
 Shot or lead *26*
 Bottom *SR. Co. ers 8.*
 Bottom temperature
 No. of thermometer *April* Cor.
 Corrected temperature
 Air *77* Surface *70* Drift *South 1'*
 Trawl or dredge *2 angles, 4 swabs keep*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.09.40</i>	<i>3.10.10</i>	<i>0</i>	<i>3.17.00</i>	<i>3.36.50</i>
		<i>20</i>	<i>17.00</i>	
		<i>30</i>	<i>24.00</i>	
		<i>200</i>		
		<i>300</i>	<i>26.30</i>	
		<i>400</i>	<i>3. 27.20</i>	<i>3.38.00</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15m approx

23° 30' N. 164° 41' W.
 Necker Island Shoal and to Bird Id.

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles = Believed to have been on bottom but very short time. 2 ophiurans, 2 starfish; 3 kinds echinoids; 1 coral; sponge; red & green corallines.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3976*Date *31 May 1902*

Machine. — Reel.

Turns *164* Cor. + *7*Depth *171 fms*Shot or lead *76 #*Bottom *Co. m. S.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *77*Surface *75*

Drift

South 1/2'

Trawl or dredge

4 fms. haul

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.39.00 *3.43.20**46.30* *41.40**3.40.40**100**164**300**350**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**3.45.10* *4.21.10**49.00* *17.20**52.00* *13.50**55.00* *10.10**3.57.00* *4.08.05**Also marks end
of
Dr. 3975.*

23° 29' N, 164° 41' W.

OK
J. O. J.

496
164
332

12
5
7
164
171

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Water haul; no results. Possibly not on bottom.

No. *H. 4378* Date *31 May '02.*
Sigsbee Machine. / Reel. *Heavy*
 Turns *457* Cor. + *46* Depth *503 fms.*
~~Shot or lead~~ *36 Lbs.*
 Bottom *R.*

Bottom temperature *40. -*

No. of thermometer *80460* Cor.

Corrected temperature

Air *79. -* Surface *74. -* Drift

Trawl or dredge

Am. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>4.22.50</i>	<i>4.34.00</i>	0	
<i>24.00</i>	<i>33.00</i>	100	
<i>25.00</i>	<i>31.50</i>	200	
<i>26.10</i>	<i>30.45</i>	300	
<i>27.25</i>	<i>29.40</i>	400	
<i>4.28.00</i>	<i>4.29.00</i>	<i>457</i>	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

*Also marks and
 of
 Dr. 3976.*

23° 28' N. 164° 41' W.

16
H.C.M.
- 2

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

496

4820

257

457
46

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
503				
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 73.8
S.E. by E. (S.C.)

No. Hy. 4379. Date 31 May '02.

Sigsbee Machine. / Reel. Navy

Turns 706 Cor. + 71 Depth 777 fms.

Shot or lead 35 Lbs.

Bottom fine co S.

Bottom temperature 38. -

No. of thermometer 80460. Cor.

Corrected temperature

Air 78. - Surface 74. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.26.30	5.42.50	0		
27.55	41.45	100		
28.55	40.45	200		
29.50	39.40	300		
30.55	38.40	400		
32.00	37.30	500		
33.10	36.30	600		
5.34.15	5.35.15	706		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 24' N. 164° 37' W.

OK
HOD
3

206
21
77

4830

257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 78.8
E. 1/4 N. (br. S.C.)

No. *Hy* 4380. Date *31 May '02.*

Sigsbee Machine. / Reel. *Warp.*

Turns *19* Cor. + *2* Depth *21 fms.*

Shot or lead *60 Lbs.*

Bottom *Coarse coral sand + shells.*

Bottom temperature *74.9*

No. of thermometer *80460.* Cor.

Corrected temperature

Air *76.-* Surface *74.-* Drift

Trawl or dredge

P.m. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6. 45.25

46.00

0

19

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 23' 30" N. 64° 31' 30" W.

OK
H.C.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830

257

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 83.8
E. 1/4 N. (br. S.C.)

No. *Hy. 4381.* Date *31 May '02.*

Sigsbee Machine. / Reel. *Navy.*

Turns *16* Cor. + *2* Depth *18* fms.

Shot or lead *35* Lbs.

Bottom *Green Coral Sand*

Bottom temperature *75.*

No. of thermometer *80460.* Cor.

Corrected temperature

Air *75.* - Surface *74.* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.37.05</i>		0		
		10		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 23' N. 164° 26' W.

OK
H. H.
H.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830

257

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson
 P.L. 88.8
 Course E 1/4 N.
 No. 4382 Date May 31st 1902.
 Sigsbee Machine. #1 Reel. Navy
 Turns 20 Cor. + 2 Depth 22 fms
 Shot or lead 35 lbs.
 Bottom Coar. coral sand & broken shells
 Bottom temperature 74.5
 No. of thermometer 80460 Cor.
 Corrected temperature
 Air 75 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-37.45	39-	0		
38.30	38.40	20		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 22' N, 164° 21' W.

OK
HOB
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830

257

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Hutchinson* P.L. 73.8
 No. *4383* Date *May 31st '02*
Sigsbee Machine. #1 Reel. *Navy.*
 Turns *21* Cor. + *2* Depth *23 fms*
 Shot or lead *35 lbs.*
 Bottom *fine co. s.*
 Bottom temperature *74.5°*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *75* Surface *74* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-28.55</i>	<i>30 =</i>	0		
<i>29.30</i>	<i>29.35</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 21' 30" N. 164° 15' 30" W.

OK
1007
12/27

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

0072
Hutchinson P.L. 98.8
 No. *Hy 4384* Date *May 31st*
Sigsbee Machine. #1 Reel. *Harvey*
 Turns *292* Cor. + *29* Depth *321 fms*
 Shot or lead *35 lbs.*

Bottom *no spec.*
 Bottom temperature *43.3*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *75* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-19.30</i>	<i>26.40</i>	0		
<i>20.40</i>	<i>25.30</i>	100		
<i>21.35</i>	<i>24.20</i>	200		
<i>22.30</i>	<i>23.20</i>	<i>292</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

28° 20' 30" N. 164° 10' 15" W.

OK
HOB.
2/2

217
214
32
4830 257

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1007

No. 4385

Date June 1 02

Machine. 1

Reel. Heavy

Turns 1745 Cor. + 156

Depth 1901 fms

Shot or lead 60

Bottom blue ooze + mangi nodules.

Bottom temperature

No. of thermometer 80460

Cor.

Corrected temperature

Air 74

Surface 73

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2:30.00	3.11.15	0		
31.50	10.00	100		
32.50	09.50	200		
33.45	08.40	300		
44.30	07.20	400		
35.20	06.05	500		
36.15	04.45	600		
37.10	03.20	700		
38.10	02.00	800		
39.10	3.00.35	900		
40.10	59.25	1000		
41.10	58.15	1100		
42.10	56.55	1200		
43.10	55.40	1300		
44.10	54.20	1400		
45.20	53.00	1500		
46.30	51.30	1600		
47.35	50.05	1700		
48.10	49.30	1745		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 18' 30" N. 163° 47' 51"

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 48.8
E. 1/4 N. (pr S.C.)

Apr 11

No. *H.Y.* 4386. Date *June '02.*

Sigsbee Machine. *Navy* Reel.

Turns 856 Cor. + 85 Depth 941 fms.

Shot or lead 60 Lbs.

Bottom Glob. ooze & mang. particles

Bottom temperature 37.5

No. of thermometer 80460. Cor.

Corrected temperature

Air 75. - Surface 75. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>J.</i> 08.00	<i>J.</i> 27.30	0		
08.50	26.20	100		
09.50	25.10	200		
10.40	24.05	300		
11.35	23.00	400		
12.30	21.55	500		
13.20	20.45	600		
14.15	19.35	700		
15.20	18.25	800		
<i>J.</i> 16.00	<i>J.</i> 17.30	856		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 15' N, 163° 20' W.

OK
JTB
7

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4830

856

3974

257

172

85-

856

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *44* 4387 Date *June 1st 1902.*Machine. #1 Reel. *Kary.*

Turns 500 Cor. + 50 Depth 550 fms.

Shot or lead 60 lbs.

Bottom *fine Co S + glob. ooze.*Bottom temperature *39.8*No. of thermometer *80460* Cor.

Corrected temperature

Air *78* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>11-01.25</i>	<i>12.30</i>	0
<i>02.10</i>	<i>11.20</i>	100
<i>03. —</i>	<i>10.15</i>	200
<i>03.50</i>	<i>09.05</i>	300
<i>04.40</i>	<i>07.50</i>	400
<i>05.40</i>	<i>06.40</i>	500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

23° 12' 30" N. 162° 58' W.

Handwritten scribbles and marks.

4830

257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.59.30 3.13.21
 58.30 13.15
 59.20 12.00
 3.00.10 10.50
 01.00 09.55
 01.55 08.50
 02.50 07.40
 03.50 06.40
 04.40 06.50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 10' N, 162° 29' W.

516
3078
1/2

178
178
856

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 8.8

No.

Hy. 4389.

Date

June '02.

Machine. / Reel.

Troy

Turns 1059 Cor. + 101

Depth 1160 fms.

Shot or lead 36 Lbs.

Bottom 1. Ky.

Bottom temperature

36.2

No. of thermometer

80460. Cor.

Corrected temperature

Air 82. - Surface 77. - Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4. 45.50	5. 10.55	0		
46.40	09.50	100		
47.35	08.40	200		
48.25	07.35	300		
49.20	06.25	400		
50.20	05.20	500		
51.30	04.15	600		
52.30	03.05	700		
53.45	01.55	800		
55.00	5. 00.40	900		
56.15	59.25	1000		
4. 57.00	4. 58.30	1059		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 08' 30" N, 162° 18' W,

OK
JUL
12

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1059
3771
257
156
101
1059
1160

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4390.* Date *1 June '02.**Sigsbee* Machine. # *1* Reel. *Navy.*Turns *836* Cor. + *83* Depth *919 fms.*Shot or lead *60 Lbs.*Bottom *fm. co. S. mang. Part.*Bottom temperature *37.2*No. of thermometer *80460.* Cor.

Corrected temperature

Air *77.* - Surface *76.* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.00.15</i>	<i>6.19.00</i>	0		
<i>01.00</i>	<i>18.00</i>	100		
<i>01.55</i>	<i>16.50</i>	200		
<i>02.45</i>	<i>15.45</i>	300		
<i>03.45</i>	<i>14.40</i>	400		
<i>04.45</i>	<i>13.40</i>	500		
<i>05.45</i>	<i>12.35</i>	600		
<i>06.45</i>	<i>11.30</i>	700		
<i>07.45</i>	<i>10.15</i>	800		
<i>6.08.05</i>	<i>6.09.35</i>	836 900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 08' N, 162° 07' 30" W,

OK
H.H.
J

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4820

836

3994

257

174

83

836

919

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

son. *Am. Phil.* *2. = 18.8*

No. *H. 4391.* Date *1 June '02.*
Sigsbee Machine. *#1* Reel. *Thury*
 Turns *415* Cor. + *41* Depth *456 fms.*
 Shot ~~or lead~~ *35* Lbs.
 Bottom *Co. S, glob. ooze + mang. specks.*
 Bottom temperature *40.8*
 No. of thermometer *80460.* Cor.
 Corrected temperature
 Air *76.* - Surface *76.* - Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.06.15</i>	<i>7.16.50</i>	0		
<i>07.15</i>	<i>15.45</i>	100		
<i>08.30</i>	<i>14.45</i>	200		
<i>09.40</i>	<i>13.40</i>	300		
<i>10.50</i>	<i>12.35</i>	400		
<i>7.11.00</i>	<i>7.12.30</i>	<i>415</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 07' 30" N. 162° 07' W.

OK
JCH.
/m

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830

257

415
41
456

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Hutchinson* P.L. = 23.8
 No. *Hy. 4392.* Date *1 June '02.*
Sigsbee Machine. # *1* Reel. *Navy.*
 Turns *28* Cor. + *3* Depth *31 fms.*
~~Shot or lead~~ *36* Lbs.
 Bottom *Coarse Coral Sand & rock*
 Bottom temperature *74*
 No. of thermometer *80460.* Cor.
 Corrected temperature
 Air *76.* - Surface *74.* - Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8:06.30</i>	<i>07.40</i>	0		
<i>07</i>	<i>07.10</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 06' 30" N. 162° 02' W.

OK
9077
/h

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

4830

257

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
Stacy
 No.

Date *2 June 02*
 Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

13-60

15-35

707,

51 - 60

79 - 35