

#10.

Hawaiian Explorations

~~Hy 3558 - Hy~~

Hy 4291 - Hy 4350.

May 24 - 27, 1902.

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. 39.2

007
Antikinson

No. *Hy 4291* Date *May 24-02.*

Sigsbee Machine #1 Reel. *Navy.*

Turns *71* Cor. + *7* Depth *78 fms*

Shot or lead *60 lbs*

Bottom *Co. Gh. Co. J. Mud*

Bottom temperature *69°*

No. of thermometer *92442* Cor.

Corrected temperature

Air *77* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-35.35</i>	<i>38.20</i>	<i>71</i>		
<i>36.30</i>	<i>37.30</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		

25° 37' 20" N. 170° 37'

OK
JOS.
/

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

4860

260

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Next Station</i>			
50	<i>Hy</i>	<i>4291</i>		
100	<i>Wv</i>	<i>3968</i>		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

007
Hutchinson

P.L. 41-2

No. *Sy 4292* Date *May 24th 02*
Tanner Machine. — Reel. —

Turns *17* Cor. + *1* Depth *18 fms*

Shot or lead *26 lbs*

Bottom *Red Coralline*

Bottom temperature *73.6°*

No. of thermometer *92442* Cor.

Corrected temperature

Air *76* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>pm</i> 2-00.20	01.40	0		
00.40	01.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

25° 35' 20" N. 170° 37' W

OK
JCO
4

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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

No. *H4 4293* Date *May 24th*
Hand Machine. Reel.

Turns Cor. + Depth *17 fms*

Shot or lead *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *76* Surface *75* Drift

Trawl or dredge

OTW
2-14⁰⁰

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

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

25° 34' 15" N. 170° 37' W

*OK
J. J. J.*

	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:

Soundings between H 4293 & H 4294.
 17. 17. 16 3/4. 17. 17. 16 3/4. 17.
 17. 16 3/4.

P.L. - 43.2

507

Hutchinson

No. *H1* 4294 Date *May 24th*

Hand Machine. Reel.

Turns Cor. + Depth *16 3/4*

Shot or lead *9 lbs.* *17 fms.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *76* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.30 P.M.</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		

25° 33' 10" N 170° 37' 21" W

OK
H.C.B.
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:

Soundings between 14 1/4 15 1/2 17 1/2 18 1/2
 16 3/4 16 1/2 15 1/4 14 3/4 18 1/8 18 1/8
 17 1/4 17 1/4

307
Hutchinson P.L. 43-9
 No. 4295 Date May 24th

Hand Machine. Reel.
 Turns _____ Cor. + _____ Depth 17 fms

Shot or lead 9 lbs.

Bottom

Bottom temperature

No. of thermometer _____ Cor. _____

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2:41:20		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		

25° 32' 15" N 170° 37' W

*OK
H. H. H.*

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				

Soundings between 4295 + 4296

REMARKS:

*14. 17. 17. 14. 16. 15. 17.
17. 14. 17. 15*

Hutchinson

P.L. 45.

No. *44 4296*

Date *May 24th*

Sand Machine. Reel.

Turns — Cor. + — Depth *14 fms*

Shot or lead *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.02⁰⁰</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		

25° 31' 40" N 170° 37' 50" W

OK
J.C.P.
/

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 Soundings between Hy 4296 + 4297

REMARKS: 17. 17. 16. 16. 15. 15. 11

17

P.L. 45.9

6077

Hutchinson

No. *Hy 4297* Date *May 24th*

Hand Machine. Reel.

Turns _____ Cor. + _____ Depth *20 fms*

~~Shot or lead~~ *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

PM
3 10

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		

25° 31' 05" N 170° 28' 45" W

*OK
H.C.C.
/n*

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				

Soundings between Hy 4297 & 4298

20. ¹⁰/₁₅. 19. 19. REMARKS:

W. H. Hatcher

P. L. 46.7

No. *H4298* Date *May 24th*

Sand Machine. Reel.

Turns Cor. + Depth *19 fms*

Shot or lead *9 lbs*

Bottom

Bottom temperature

No. of thermometer

none Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-22⁰⁰</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		

25° 30' 35" N. 170° 29' W

OK
H. C. C. W.

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:

19. 18

Hutchinson

P. L. 47. 2

No. *4299*

Date

May 24th

Machine. — Reel.

Turns — Cor. +

Depth

20 fms

~~Shot or lead~~

9 lbs.

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

none Cor.

Air

76

Surface

76

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

PM
3:30

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

25° 30' 10" N 170° 39' 20" W

OK
5507
H. J.

	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:

307
Aitchison

P. L. 47.7

No. *H 4300* Date *May 24th*
Sand Machine. Reel.

Turns Cor. + Depth *18 1/2 fms*

~~Shot or lead~~ *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *win* Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

pm
DOWN *3:36⁰⁰*

SOUNDING WIRE.

DOWN

UP.

TURNS.

DREDGE ROPE.

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

25° 29' 40" N 170° 39' 40" W

OK
 1000
 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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

18

REMARKS:

Whitcomb

P. L. 48.2

507

No. 4301 Date May 24

Hand Machine. Reel.

Turns Cor. + Depth 19 1/2 fms

Shot or lead 9 lbs.

Bottom

Bottom temperature

No. of thermometer } none Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-43		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		

25° 29' 10" N. 170° 40' W.

*oil
H.C.P.
H*

	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:

907.
Hutchinson

P.L. 48.7

No. *4302* Date *May 24th*

Sand Machine. ~~Reel.~~

Turns ~~Cor. +~~ Depth *19 fms*

~~Shot or lead~~ *9 lbs*

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

nine Cor.

Air *76* Surface *76* Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3-50.00

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

25° 28' 40" N. 170° 40' 15" W.

OK
H. H.
/

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:

West of
Stairley P. L. 49.2
 No. *4303* Date *May 24 02*
Hand Machine. Reel.
 Turns *Cor. +* Depth *20 1/2 fms*
 Shot or lead *9 lbs*
 Bottom
 Bottom temperature
 No. of thermometer } *none* Cor.
 Corrected temperature
 Air *76* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.56.30</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		

25° 28' N. 170° 40' 20" W.

OK
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				

REMARKS:

507.

No.

Hy. 4304

Date

24th May 02

Turns

Machine.

Reel.

Cor. +

Depth

18 3/4 fms
19 fms

Shot or lead

9#

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

76

Surface

76

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DM
4.02-00

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

25° 27' 20" N. 170° 40' 30" W.

OK
J.P.S.
/h

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:

Serials between 4305 and 4304 and
17-18-18³/4-20-20-

007.

50.1

No. 4305 Hy Date 24th May 02

Hand Machine. Reel.

Turns Cor. + Depth 19 3/4 fms

Shot or Lead 9*

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4-11-30

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

25° 26' 45" N. 170 40' 30" W.

OK
S. 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				

REMARKS: ^{Hy} Soundings between 4305 + ^{Hy} 4306.

19-18-18-18-17-18-17-17
18-17-17-17-17-17-17-15 1/2

607.

No. 4306
Hyd
Hanna

Date 24th May 1907

Machine. Reel.

Turns Cor. + Depth 7 fms

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

J.A.
H.C.

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		

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 4306 Date 25 May 02.

Hand Machine. Reel.

Turns — Cor. + — Depth 16 fms.

Shot or lead 9 lbs.

Bottom

Bottom temperature

No. of thermometer } done. Cor.

Corrected temperature

Air 74. — Surface 75. — Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.34.

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

25° 26' 42" N. 170° 37' 30" W.

*516
H. W. H.*

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:

Sandy bd H. 4307 - 4308.

1/6 . 1/16

507.

No. *Ag. 4307* Date *25 May '02**Hand* Machine. Reel.Turns — Cor. + — Depth *17 fms.*Shot or lead *7 Lbs.*

Bottom

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *74.* — Surface *75.* — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.43</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		

25° 26' 15" N. 170° 37' 40" W.

*OK
J.C.B.
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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

Red. = 52.4
Course S. by E. (R.S.E)

No. *A. 430.8* Date *25 May '02.*

Hand Machine. Reel.

Turns - Cor. + - Depth *16 1/2 fms.*

Shot or lead *9 lbs*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

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

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>648.</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		

25° 25' 45" N. 170° 37' 45" W.

OK
STOP
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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Plot. = 52.9
 Course S. by E (p.s.e.)

607.

Apr 11

No. *4309* Date *25 May '02*
Hand Machine. Reel.

Turns — Cor. + — Depth *17 1/2 fms*

Shot or lead *9 Lbs.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *74.* — Surface *75.* — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.55</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		

25° 25' 15" N, 170° 27' 50" W

OK
H.C.
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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

307.

P.L. = 53.4
 Course S. by E (S.E.)

No. *Hy 4310* Date *25 May 02*

Hand Machine. Reel.

Turns — Cor. + — Depth *17 fms*

Shot or lead *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *75.* Surface *75.* — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.00</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		

15° 24' 48" N. 170° 37' 50" W.

OK
JCH
1/2

	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:

607.

Amplit

P.L. = 53.9
 Course S. by E (S.E.)

No. *Hy. 4211* Date *25 May 02*

Hand Machine. Reel.

Turns - Cor. + - Depth *16 1/2 fms.*

Shot or lead *9 lbs.*

Bottom

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

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

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.05.</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		

25° 24' 15" N. 170° 38' W.

OK
H.C.P.
/h

	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.S. = 54.9
 Course (S.C.) S. by E 1/4 E.

No. *Hy 4312* Date *25 May '02*
 Hand *Hand* Machine. Reel.

Turns — Cor. + — Depth *16 fms.*

Shot or lead *9 lbs*

Bottom

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *75.* Surface *75.* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>J. 14. -</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		

25° 23' 15" N. 170° 38' 05" W.

OK
H000
-1/2

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.

P.L. = 15:9
 course (S.E.) S. by E 1/4 E.

No. *Hy 4313* Date *25 May '02*

Hand Machine. Reel.

Turns - Cor. + - Depth *15 1/2 fms.*

Shot or lead *9 lbs*

Bottom

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *75* - Surface *75* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.22</i>		0		
		100		
		200		
<i>102</i>	<i>Time</i>	<i>date</i>	<i>Depth</i>	<i>Temp</i>
<i>Hy 4314</i>	<i>7.33 a.</i>	<i>May 25</i>	<i>17 fms.</i>	<i>air 75. surf. 75.</i>
<i>" 4315</i>	<i>7.43 "</i>	<i>56b</i>	<i>18 "</i>	<i>75. 75.</i>
<i>" 4316</i>	<i>7.53 "</i>	<i>76b</i>	<i>17 "</i>	<i>76 75</i>
<i>" 4317</i>	<i>8.04 "</i>	<i>116b</i>	<i>17 "</i>	<i>76 75</i>
<i>" 4318</i>	<i>8.13 "</i>	<i>116b</i>	<i>16 "</i>	<i>76 75</i>
<i>" 4319</i>	<i>8.23 "</i>	<i>116b</i>		<i>76 75</i>
		<i>126b</i>		
		<i>136b</i>		
		<i>146b</i>		
		<i>156b</i>		
		<i>166b</i>		
		<i>176b</i>		
		<i>186b</i>		
		<i>196b</i>		
		<i>206b</i>		
		<i>216b</i>		
		<i>226b</i>		
		<i>236b</i>		
		<i>246b</i>		

Above soundings by hand. 9 lbs lead.

25° 22' 15" N. 170° 38' 10" W.

<p><i>OK</i></p> <p><i>5/10/11</i></p>		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
P.L.	Course	4000	Recorder

56.9 S. by E 1/4 E (by S.C.) Arapil
 57.9 SERIAL TEMPERATURES.
 dr. "

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
58.9 ₇₅		do		Butchinson
59.9 ₅₀		do		"
60.9 ₁₀₀		do		"
61.9 ₂₀₀		do		"
300				
400	#4314	25° 21' 15" N.		
500	#4315	170° 38' 20" W.		
600	#4315	25° 20' 15" N.		
700		170° 38' 25" W.		
800	#4316	25° 19' 15" N.		
900		170° 38' 35" W.		
1000	#4317	25° 18' 15" N.		

REMARKS:
 170° 38' 45" W.
 #4318 } 25° 17' 15" N.
 170° 38' 50" W.

*Hydrogammison*P. L. 61.9
S by E 1/4 E (P.S.C.)

No. 494319

Date May 25

Tanner Machine. Reel.

Turns 175 Cor. +

Depth 182 fms

Shot or lead 26 lbs.

Bottom R

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 76

Surface 75

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8:25.45

31.30

0

26.45

29.40

100

27.30

28.10

175
~~200~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

25° 16' 15" N, 170° 39' 22"

OK
H.C.S.
/

496
175

321

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

P. L. 63.9

Course S by E 1/4 E. (psc.)

No. Hy 4320 Date 25th May '02.

Sigsbee Machine. #1 Reel. Navy.

Turns 843 Cor. + 84 Depth 927 fms

Shot or lead 35 lbs.

Bottom wh S.M. brk SL.

Bottom temperature 74.2

No. of thermometer 92442 Cor.

Corrected temperature

Air 75 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8:51.25	12 =	0		
52.35	10.25	100		
53.35	09.25	200		
54.40	08.30	300		
55.50	07.30	400		
56.55	06.30	500		
58.25	05.30	600		
9 AM	04.30	700		
01.30	03.20	800		
02 -	9=03.05	823		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11 1/2 M.

25° 14' 20" N. 170° 29' 20" W.

0.6
8.00
1.2

843
84
927

4860	260
843	172
<hr/>	<hr/>
4017	64

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:

Autism

Pat Log. 67.9
Course N.E. 1/2 N.

No. *Key* 4321 Date *May* 25th 02
Tanner Machine. — Reel.

Turns *16* Cor. + *1* Depth *17 fms*

Shot or lead *26 lbs*

Bottom *wh S. & O.*

Bottom temperature

No. of thermometer *92452* Cor.

Corrected temperature

Air *75* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9. 54.05</i>	<i>54.40</i>	0		
<i>54.15</i>	<i>54.20</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		

25° 16' 55" N. 170° 35' 55" W.

OK
 8/22
 J.P.H.

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

4860 260

SERIAL TEMPERATURES.

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

REMARKS:

25° 17' 30" N 170° 35' W

ok
S.P.
S.P.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
Hy. #4323	3400	25° 17' 40" N
	3500	170° 34' 35" W.
#4324	3600	25° 17' 45" N
	3700	170° 34' 10" W.
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Pat Log.	Course		Recorder
50	69.4	E. N. E.	F. W.	Hutchinson
100	69.9	do		"
200	70.4	do		"
300	70.9	E. S. E.		"
400	71.9	do		"
500	72.9	do		"
600	73.9	E.		"
700	#4325 =	25° 17' 45" N.		"
800		170° 33' 40" W.		
900	#4326 =	25° 17' 50" N.		
1000		170° 33' 20" W.		

* 16 Pat = Hy 4326-27.

#4327. { 25° 17' 15" N.
170° 32' 30" W.

#4328. { 25° 16' 40" N.
170° 31' 30" W.

#4329. { 25° 16' 20" N.
170° 31' 00" W.

REMARKS:

Nutchinson

P.L. 749
course E.No. 4330 Date May 25th

Tanner Machine. - Reel.

Turns 19 Cor. + 1 Depth 20 fms

~~Shot or lead~~ 26 lbs.

Bottom cr wh S.

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.25.40

26.30

0

26 -

26.10

100

200

300

400

500

600

Sta

Time

Date

Depth

Temp.

44

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

25° 16' 15" N. 170° 30' W.

*OK
2000
2100*

496
19

475

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	<i>Pat Log</i>	<i>Course</i>	<i>Recorder</i>	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
REMARKS:				

507.
Hutchinson

Pat Log 75.9
Course E (true)

No. Hy 4331 Date May 25, 1902.

Tanner Machine. — Reel.

Turns 19 Cor. + 1 Depth 20 fms

Shot or lead 26 lbs

Bottom fm wh co. S.

Bottom temperature *June* Cor.

No. of thermometer

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

11-38.35

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	40 =	0		
39 =	39.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

25° 16' 05" N. 170° 29' W.

OK
J.W.
J.C.

496

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
Talley Pat Log. 76.9
Course N. 5. (p.s.c.)

No. 49 4332 - Date May 25, 1902.

Tanner Machine. Reel. —

Turns 19 Cor. + 1 Depth 20 fms

Shot or lead 26 lbs.

Bottom *br. M. Co. S.*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

am

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11:52.40

53.30

0

53 =

53.05

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

25° 15' 50" N. 170° 27' 55" W.

OK
496

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:

Spiley *P. 2 77.9*
No. 4333 *Hy* *Date May 25 '02*
Machine. *Reel.*

Turns 19 *Cor. + 1* *Depth 20 fms*

Shot or lead 26 #

Bottom cor co S. fine sh.

Bottom temperature

No. of thermometer *None* *Cor.*

Corrected temperature

Air 77 *Surface 76* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.05.30</i>	<i>12.06.30</i>	0		
		<i>19</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		

(p.c.) 25° 16' 20" N 170° 27' W.

OK
 1000
 2

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

49.6 12

SERIAL TEMPERATURES.

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

REMARKS:

607. *Seiver* *P.S. 78.9*
Course A.R.C.
 No. *4334* *Hy* Date *21 May 02*

Wagner Machine. Reel. *1*
 Turns *20* Cor. + *1* Depth *21* *JMS*
 Shot or lead *26*
 Bottom *crs co s. fine sh.*
 Bottom temperature
 No. of thermometer *1000* Cor.
 Corrected temperature
 Air *77* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.18.30</i>	<i>12.19.00</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		

(p. 100) 25° 17' N. 170° 26' W.

OK
1000
12

49.6 12
70
1276

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:

307
 Skinner. P. 2. 79.9 Co. No. 6, (p. 10)
 No. 4335 Hy. Date 25 May 02
 Tanner Machine. Reel.

Turns 19 Cor. + 1 Depth 20 fms
 Shot or lead 26
 Bottom cor. co S. fine sh.
 Bottom temperature
 No. of thermometer 1/mv Cor.
 Corrected temperature
 Air 77 Surface 76 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
19-31.00	12.37.00	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		

28° 17' 20" N. 170° 25' W.

OK
10/18
12/4

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

H96

12

SERIAL TEMPERATURES.

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

REMARKS:

Shilly
 No. 4336 *P. S. 80. g. Co. 11 11 6*
 Date *25 May 02*

Warner Machine. Reel.
 Turns *17* Cor. + *1* Depth *18 ml*
 Shot or lead *26 #*
 Bottom *W.R. Co. S. brk sh.*
 Bottom temperature
 No. of thermometer *None* Cor.
 Corrected temperature
 Air *76* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.44 -</i>	<i>12.44.30</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		

25° 17' 45" N. 170° 24' W.

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:

Stoney P. S. 819. *Govt G*
 No. 4337 *Hy* Date *15* May 02
Machine. — *Reel.*

Turns *16* Cor. + *↓* Depth *17 fms*
 Shot or lead *26*
 Bottom *crs co S. fm Sh*
 Bottom temperature
 No. of thermometer *1* Cor.
 Corrected temperature
 Air *76* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.56.40</i>	<i>12.57.10</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		

25° 18' 10" N. 176° 23' W.

OK
1000
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:

No. 4338 Date 25 May 02
 Machine. Reel.

Turns 16 Cor. + 26
 Shot or lead 26
 Bottom 60 S. base Sh.
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 76 Surface 76 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.20.20	1.21.00	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		

25° 20' 05" N. 170° 23' W.

OK
500
500

49.6
16
48.0

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:

Station *P.L. 859* / *50 H₂ W*
 No. *4339* Hy Date *21* May 02

Machine. — Reel.
 Turns *15* Cor. + *1* Depth *16 fms*

Shot or lead *26 #*
 Bottom *Algae.*

Bottom temperature
 No. of thermometer *1000* Cor.

Corrected temperature
 Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.42.</i>	<i>1.42.30</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		

25° 22' 05" N. 170° 23' W.

OK
10/10
11/11

419.6
15
—
434.6

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.

P.D. 87.9 60 1/2 77

No. 4310 Hy Date 25 May 02

Machine. — Reel.

Turns 17 Cor. + 1 Depth 18 (M)

Shot or lead 26 #

Bottom Co. R. Algae

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 76 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2:03.30 7.04.00

- 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

25° 24' 05" N. 170° 23' W.

OK
STOP
/

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

2.00

SERIAL TEMPERATURES.

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

REMARKS:

No. 4341 *Ship* Date 25th May 02
Machine Reel
 Turns 17 *Cor. +* 26 *Depth* 187ms
~~Shot or lead~~
 Bottom *bo R algu.*
 Bottom temperature
 No. of thermometer *Long* *Cor.*
 Corrected temperature
 Air 76 *Surface* 75 *Drift*
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2, 23, 45	2, 24, 30	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		

25° 26' N. 170° 23' 40" W.

*OK
J. J. J.*

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:

007. *Stacy* P.L. 91.9 / Co. Mt 17 1/2
 No. 4342 *Hy* Date 25 May 02
change Machine. — Reel.

Turns 36 Cor. + 2 Depth 38 fms.
 Shot or lead 26
 Bottom 60 R. S.
 Bottom temperature
 No. of thermometer *4342* Cor.
 Corrected temperature
 Air 76 Surface 76 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.45.00	2.46.00	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		

25° 27' 50" N. 170° 24' 20" W.

OK
HOB.
1/3

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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station P. 2969 00. 54 S.

No. 4343 Date 20th May 07.

Sigbee Machine. 1 Reel. No. 100

Turns 420 Cor. + 42 Depth 462 fms

Shot or lead 35 lb

Bottom Grey mud.

Bottom temperature

No. of thermometer } None. Cor.

Corrected temperature

Air 76. Surface 76. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
42.20	3.53.05	0		
43.10	52.05	100		
44.20	50.55	200		
45.40	50.00	300		
46.40	49.10	400		
47.00	48.10	420		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

25° 26' N, 170° 21' W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4860	260	3600	
420	218	3700	
4440	42	3800	
	420	3900	
	462	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. = 6.9
Course E 1/4 S (2.C)

No. *H.Y. 4344*, Date *25 May '02*

Sigsbee Machine. 1 Reel. *Navy*

Turns Cor. + Depth fms.

Shot or lead *60 lbs.*

Bottom

Bottom temperature

No. of thermometer *92452* Cor.

Corrected temperature

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

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.50.30</i>		0		
		36		<i>wire broke</i>
		100		
		200		
		300		
		400		
<i>Lost 36 turns or</i>		500		<i>40 fms of sounding</i>
<i>wire, thermometer</i>		600		<i>92452</i>
<i>sounding cup, aquiline lead.</i>		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
4860	260	3800	
36	257	3900	
4834	3	4000	

SERIAL TEMPERATURES.

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

REMARKS:

Lat 33 fms wire -
+ instruments, etc.

Miss Spring (made in Honolulu) for
accumulator, - strd. side, of edge
mch. Caught in top of column
& fouled -

P.L. = 81.4
Comp

007
Station 500

No. *Hy. 4344* Date *26 May '02*
Sigsbee Machine. #1 Reel. *Navy*
 Turns *1985* Cor. + *172* Depth *2157 fms.*

Shot or lead *60 Lb.*

Bottom *Brown mud, very fine foraminifera*

Bottom temperature *35.20*

No. of thermometer ~~67708~~ *80469* Cor.

Corrected temperature

Air *72* Surface *73* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.06.40</i>	<i>54.15</i>	0		
<i>07.30</i>	<i>53.10</i>	100		
<i>08.20</i>	<i>52.10</i>	200		
<i>09.20</i>	<i>51.05</i>	300		
<i>10.15</i>	<i>50.05</i>	400		
<i>11.15</i>	<i>49 =</i>	500		
<i>12.15</i>	<i>47.55</i>	600		
<i>13.20</i>	<i>46.50</i>	700		
<i>14.25</i>	<i>45.45</i>	800		
<i>15.40</i>	<i>44.40</i>	900		
<i>16.55</i>	<i>43.30</i>	1000		
<i>18.10</i>	<i>42.20</i>	1100		
<i>19.25</i>	<i>41.10</i>	1200		
<i>20.45</i>	<i>40 =</i>	1300		
<i>22 =</i>	<i>38.40</i>	1400		
<i>23.20</i>	<i>37.20</i>	1500		
<i>24.35</i>	<i>35.55</i>	1600		
<i>25.55</i>	<i>34.40</i>	1700		
<i>27.20</i>	<i>33.15</i>	1800		
<i>28.35</i>	<i>32 =</i>	1900		
<i>30 =</i>	<i>31 =</i>	<i>1985</i> 2000		
		2100		
		2200		
		2300		
		2400		

25° 04' N. 169° 06' W.

Douset Reef to Brooks Shoal

OK
~~1000~~
~~2~~

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

4830	257
1985	86
2845	1472
	2157

SERIAL TEMPERATURES.

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

REMARKS:

29.1

Staley

No. 4345 Hy Date 6 May 07
Sigsbee Machine. 1 Reel. Staley
Turns 802 Cor. + 80 Depth 882. J.M.

Shot or lead 60 #
Bottom very mud - very few globes.
Bottom temperature 38.

No. of thermometer 80469 Cor.

Corrected temperature

Air 73 Surface 73 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6:42.00	7:03.00	0		
43.50	01.40	100		
44.40	7.00 30	200		
45.40	59.10	300		
46.50	58.00	400		
48.00	56.50	500		
49.10	55.30	600		
50.15	54.10	700		
51.30	6.53.00	800		
		802		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 50' 10" N. 168° 22' W.

OK
~~1000~~
~~2~~

4830 257
 802 477
 4028 80
 802
 882

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. = 43.4

607
No.

Fig. 4346. Date 26 May '02

Sigsbee Machine. #1 Reel. *Rory*

Turns 126 Cor. + 13 Depth 139 fms.

Shot or lead 35 Lbs.

Bottom fine coral sand

Bottom temperature 59.1

No. of thermometer 80469. Cor.

Corrected temperature

Air 72. - Surface 72. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.06.35	10.11.20	0		
08.05	10.20	100		
10.09.20	10.10.00	126		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 47' N. 168° 10' W.

516
H.C.B.
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:

Hutchinson

P.L. 79.1
course E 1/4 S.

No. 4347 Date May 27.02

Sigsbee Machine #1 Reel Navy.

Turns 1645 Cor. + 148 Depth 1793 fms

Shot or lead 35 lbs.

Bottom Coarse coral sand + glob. wgs.

Bottom temperature 35.8

No. of thermometer 80469 Cor.

Corrected temperature

Air 72 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-47.20	32.30	0		
48.40	31.25	100		
50 =	30.25	200		
51.10	29.25	300		
52.30	28.20	400		
54 =	27.15	500		
55.35	26.05	600		
56.55	24.55	700		
58.20	23.55	800		
59.55	22.50	900		
5-01.50	21.45	1000		
03.35	20.35	1100		
05.15	19.30	1200		
06.50	18.20	1300		
08.25	17.05	1400		
10 =	15.45	1500		
11.45	14.20	1600		
12.30	5-13.45	1645		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 37' 30" N. 167° 37' 30" W.

OK
J. W.
/

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4830
1645

3185

257
109

148
1645

1793

SERIAL TEMPERATURES.

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

REMARKS:

No. 4348 Date May 27, 07
 Machine. Reel. Heavy
 Turns 104 Cor. + 10 Depth 114 fms
 Shot or lead 60
 Bottom Co. S. SR
 Bottom temperature 64.5
 No. of thermometer 80469 Cor.
 Corrected temperature
 Air 76 Surface 72 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.05.30	12.10.40	0		
07.00	09.30	100		
		104		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 20' N. 167° 02' W.

OK
XCO
2

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

4830 257
104 247
4726 10
104
114

SERIAL TEMPERATURES.

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

REMARKS:

No. *4349* Date *May 27" 02*
Stoney Machine. Reel. *Stoney*
 Turns *25* Cor. + *3* Depth *28 fms*
 Shot or lead *36 #*
 Bottom *Co. R. Sh.*
 Bottom temperature *71°*
 No. of thermometer *80469* Cor.
 Corrected temperature
 Air *76* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1:03.15</i>	<i>1.05.15</i>	<i>25</i>		
<i>03.40</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		

24 1 1/2

24° 14' 30" N / 167° 00' W

Sik
JTB
7

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

4830 257
W 254
4800 3

SERIAL TEMPERATURES.

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

REMARKS:

Stanley
 No. 4350 Date May 27, 02
 Machine. Reel.
 Turns 221 Cor. + 8 Depth 229 fms
 Shot or lead 26 lb
 Bottom Co. R.
 Bottom temperature
 No. of thermometer
 Corrected temperature
 Air 76 Surface 73 Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.53.50	2.01.00	0		
54.40	58.40	100		
55.30	56.30	200		
1.55.40	1.56.00	221		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 10' N. 166° 59' W.

~~OK
HCS
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$$\begin{array}{r} 496 - 12 \\ 221 \quad 4 \\ \hline 275 \quad 8 \\ \quad 221 \\ \hline \quad 229 \end{array}$$

4-60

4-35

38-60

64-35