

2526 to 2555

Hydr. 525 to Hydr. 862

2410
 208

 2618

6000 / 18000 (3 m)

216000
 12
 18000
 3000



11.50 67 338 35.7
 48 62

S	Sand	fine	fine
G	Gravel	co	coarse
R	Rock	lge	large
M	Mud	sm	small
Sh.	Shells	brk	broken
St.	Stones	sft	soft
Sp.	Specks	hnd	hard
Oz.	ozone	rky	rocky
C.	clay	stk	sticky
Co.	Coral	stf.	stiff.
P	Pebbles	lt	light
Glab.	Globigmina	dk	dark
For.	Foraminifera.	br.	brown
		rd	red
		yl	yellow
bk	black		
wh.	white		
gy	gray		
gn	green		
bu	blue		

$$\begin{array}{r}
 4) 27 \quad 4) 30 \quad 7) 21 \\
 \hline
 6 \frac{3}{4} - 7 \frac{3}{4} - 5 \frac{1}{4} \\
 2 \quad - \quad 1 \quad - \quad 3
 \end{array}$$

$$\begin{array}{r}
 2200 \\
 \hline
 1356 \\
 8. \dots
 \end{array}$$

$$\begin{array}{r}
 3) 1356 \\
 \hline
 452 \\
 \hline
 1500
 \end{array}$$

$$\begin{array}{r}
 2 \\
 10 \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 14 \\
 \hline
 56 \\
 32 \\
 \hline
 88 \\
 42 \\
 \hline
 176 \\
 352 \\
 \hline
 3596
 \end{array}$$

1885.

SLP

No. *Hyd. 825* Date *July 13* 6:42 AM
Tanner Machine. Reel.

Turns *83* Cor. + *2* Depth *85*

~~Shot or lead~~ *18 lbs*

Bottom *Sand + gravel*

Bottom temperature *43*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *42.6*

Air *62* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.41.20 *44.30*

0

42.30 *6.43.00*

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:

SLP
 No. *Hyd 826* Date *July 13th 6:51 AM.*
Tanner Machine. Reel.

Turns *80* Cor. + *2* Depth *82*

~~Shot or lead~~ *18 lbs*

Bottom *Sand & gravel*

Bottom temperature *none taken*

No. of thermometer Cor.

Corrected temperature

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*6.50.40**53.00*

0

*6.51.30**6.51.55*

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:

S.S.P.

No. *Hyd 827* Date *July 13 704 A.M.*
Tanner Machine. Reel.

Turns *79* Cor. + *2* Depth *81*

~~Shot or lead~~ *18 lbs.*

Bottom *Sand & gravel*

Bottom temperature *42.7*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *42.3*

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.03.00 *05.40*

7.04.00 *7.04.40*

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. *Hyd 828* Date *July 13th 7:23 AM '11*
Tanner Machine. Reel.

Turns *73* Cor. + *2* Depth *75*

~~Shot or lead~~ *18 lbs.*

Bottom *Sand & gravel*

Bottom temperature *43*

No. of thermometer *53731* Cor. - *11*

Corrected temperature *42.6*

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7, 22, 00 *24, 30* *0*

23, 00 *23, 40* *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:

S&P

No. *Hyd 829* Date *July 13 7:44 AM*

Tanner Machine. Reel.

Turns *77* Cor. + *2* Depth *79*~~Shot or lead~~ *18 lbs*Bottom *Stiff brown clay & gravel*Bottom temperature *45.2*No. of thermometer *55731* Cor. - *2*Corrected temperature *45.2*Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*7.43.30**47.00*

0

*44.30**46.10*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	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. *SKW*

No. *Hyd 830* Date *July 13th 7:59.00*

Tanner Machine. Reel.

Turns *82* Cor. + *2* Depth *84*

~~Shot or lead~~ *18 lbs.*

Bottom *Sand & gravel*

Bottom temperature *45.2*

No. of thermometer *53731* Cor. - *.3*

Corrected temperature *45.2*

Air *63* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.58.00</i>	<i>01.20</i>	0		
<i>58.50</i>	<i>8.00.00</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		

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.

SLP

No. *Hyd 831* Date *July 13th 8:20* ^{AM.}

Tanner _____ Machine. _____ Reel. _____

Turns *81* Cor. *2* Depth *83*~~Shot or lead~~ *18 lbs*Bottom *Sand + gravel*

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air *63* Surface *60* Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*8.19.00**21.20*

0

*20.00**8.20.05*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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:

8:42 AM.

No. 2526 Date Jan 13th 1861

Lucas Machine. - Reel.

Turns 118 Cor. + 3 Depth 121

Shot or lead 18 lbs

Bottom pebbles.

Bottom temperature not taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 65 Surface 66 Drift 1/2 m N.E. X E

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
41.00		0	8.49.45	22.15
42.30		100	55.30	19.15
		200	0.00.00	16.15
		300	03.30	14.20
		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				

D. H. G. C.

REMARKS:

In Ashtim, H. C. ...

No. *Hyd 832* Date *July 13th 1904*
Tanner Machine. Reel.

Turns *82* Cor. + *2* Depth *84*

Shot or lead *18 lbs*

Bottom *Coarse Sand & pebbles*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *65* Surface *66* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.23.00</i>	<i>26.00</i>	0		
<i>24.00</i>	<i>24.10</i>	<i>82</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		

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:

SSP

No. Hyd 833 Date July 13th 9:48 AM,
Tanner Machine. Reel.

Turns 278 Cor. 8 Depth 278

~~Shot or~~ lead 18 lbs

Bottom wh. Sand. black specks

Bottom temperature 10.1 taken

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 66 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.44.30	54.00	0		
46.00	52.00	100		
47.00	50.00	200		
48.00	48.00	278		
		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:

5017.

No. *Hyd 834* Date *July 13 10.16.11**Tanner* Machine. Reel.Turns *352* Cor. + *11* Depth *363*~~Shot or lead~~ *18 lbs*Bottom *Sand & pebbles*Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *66* Surface *66* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>10. 11.00</i>	<i>26.00</i>	0
<i>13.00</i>	<i>23.30</i>	100
<i>14.30</i>	<i>20.35</i>	200
<i>16.00</i>	<i>18.40</i>	300
<i>16.55</i>	<i>18.17.00</i>	<i>352</i> 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:

SLP

No. *Hyd 835* Date *July 13th 11:50 A.M.*
Tanner Machine. Reel.

Turns *125* Cor. + *4* Depth *129*

~~Shot or lead~~ *18 lbs*

Bottom *Coarse Sand & gravel*

Bottom temperature *42.*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *+1.6*

Air *64* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*11 53 20**56.30*

0

*54 05**55.00*

100

*54 15**54.30*

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:

507. SLP

12:19 PM

No. 836 Date

Tanner Machine. Reel.

Turns 132 Cor. + 4 Depth 136

~~Shot~~ or lead 18 lbs.

Bottom hard

Bottom temperature none

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

132
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. *Hyd 837* Date *July 13* 12:37
Tanner Machine. Reel.

Turns *170* Cor. + *5* Depth *175*

Shot or lead *18 lbs*

Bottom *brk shells*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *64* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12.35.00</i>	<i>37.00</i>	0		
<i>36</i>	<i>38.00</i>	100		
<i>37</i>	<i>37.00</i>	<i>200</i>		
		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. *Hyd 838* Date *July 13, 12:50 PM*
Tanner Machine. Reel.

Turns *171* Cor. + *5* Depth *176*

~~Shot or lead~~ *18 lbs*

Bottom *Brk Sh.*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *66* Surface *61* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12 48.30</i>	<i>52.40</i>	0		
<i>49.30</i>	<i>51.30</i>	100		
<i>50.20</i>	<i>50.20</i>	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. *Hyd 839* Date *July 13th 1897*
Tanner Machine. Reel.

Turns *124* Cor. + *4* Depth *128*

Shot or lead *16 lb*

Bottom *pebbles*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *66* Surface *61* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1 08.00</i>	<i>11.30</i>	0		
<i>09.00</i>	<i>10.10</i>	100		
<i>09.30</i>	<i>09.40</i>	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. 2527 Date July 13th 1:22 P.M.

Vanner Machine. Reel.

Turns 113 Cor. 4 Depth 117

Shot or lead 18 lbs

Bottom Sand & gravel

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 66 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

DOWN.	UP.	TURNS.
1.21.00	24.30	0
22.10	23.00	100
22.20	22.40	200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

Shot was an anchor 18 lbs. all water. Sounding done with shot. Bottom 117 fms. Sand & gravel.

Reel was 117 fms.

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:

SLP.

No. 2528

Date July 13 "6:15 AM"

Sigsbee Machine. 1 Reel.

Turns 613 Cor. + 64 Depth 677

Shot ~~or lead~~ 35 lbs

Bottom brown sand

Bottom temperature 39

No. of thermometer 53731 Cor. -.3

Corrected temperature 38.7

Air 78 Surface 69 Drift/m NS 1/4 E

Trawl or dredge L. B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 07.00	23.00	0	6.29.00	25.30
08.30	22.05	100	32.30	23.00
09.40	21.15	200	35.45	19.40
11.00	20.20	300	38.10	16.45
12.30	19.30	400	40.40	13.30
13.45	18.30	500	44.00	10.25
15.10	17.00	600	47.35	07.00
15.30	16.40	700	50.35	8.00.30
		800	53.30	55.30
		900	57.00	57.00
		1000	7.01.10	44.30
		1100	05.00	40.00
		1200	09.00	7.30.00
		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:
 Fine sand - fine to medium
 blue sand - fine to medium
 blue sand, medium to coarse
 fine, large amount of sand
 blue sand - medium
 blue sand - medium

No. 2529 Date July 14, 1885.

Sigsbee Machine. / Reel.

Turns 500 Cor. 63 Depth 662

Shot or lead 35 lbs.

Bottom gray mud.

Bottom temperature 39

No. of thermometer 53731 Cor. -.3

Corrected temperature 38.7

Air 66 Surface 65 Drift 1^m S by E, S.

Trawl or dredge Large Beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.04.00	21.15	0	00.00	00.00
05.00	20.30	100	12.45	15.15
06.15	19.45	200	13.50	03.00
07.45	18.30	300	14.55	7.00.00
09.00	17.45	400	16.00	57.30
10.15	16.45	500	17.00	55.00
11.30	15.30	600	18.00	53.30
		700	19.00	1.00.00
		800	20.00	45.00
		900	41.00	44.15
		1000	42.00	1.00
		1100	53.00	38.00
		1200	58.00	35.00
		1300	00.30	31.00
		1400	01.00	27.00
		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:

*Some saw little star-fish
 Solothurians
 Obolarians*

No. 3530

Date July 12 1885

Machine. / Reel.

Turns 866 Cor. + 90 Depth 956

Shot or lead 35 lbs.

Bottom grey ozgc.

Bottom temperature 28.7

No. of thermometer 53731

Cor. - 3

Corrected temperature

Air 75

Surface 65

Drift 12.5 N x 71

Trawl or dredge Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.40.30	02.15	0	9.08.00	37.-
41.30	01.15	100	11.30	33.45
42.15	0.00.15	200	15.30	30.30
5	50.15	300	19.30	28.00
44.30	58.00	400	23.45	24.30
15.15	55.15	500		21.00
46.45	55.45	600	31.30	18.00
48.15	54.30	700	36.00	15.00
40.30	53.00	800	40.00	11.30
		900	44.30	08.00
		1000	48.30	04.00
		1100	53.00	11.00.30
		1200	56.45	56.45
		1300	10.01.00	52.30
		1400	04.00	48.30
		1500	08.30	45.15
		1600	22.00	10.42.00
		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	<i>A</i>			
800	<i>correct</i>			
900				
1000				

REMARKS:

Handwritten notes and signatures, including a large signature at the bottom.

No. 2531 Date July 14th 1885
Sigsbee Machine. / Reel.

Turns 772 Cor. + 80 Depth 852

Shot or lead 35 lbs.

Bottom grey mud.

Bottom temperature 38.7

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.4

Air 72 Surface 67 Drift 1^m S 17^m W

Trawl or dredge none

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.16.30	37.00	0	1.43.00	25. -
17.30	35.45	100	47.00	18.45
7.11	34.15	200	50.30	14.5
10.11	33.45	300	51.50	10.00
21.30	32.30	400	58.00	05.15
23.00	31.30	500	2.01.45	4.00.45
24.30	30.30	600	05.30	54.30
25.45	29.15	700	09.00	48.00
26.45	1.28.30	800	13.00	40.15
		900	17.00	34.00
		1000	20.45	27.00
		1100	24.45	13.30
		1200	29.00	08.00
		1300	33.00	02.00
		1400	37.30	2.58.00
		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:

Amurena Holothuriana -
 small stars, starfish, worms.

2532
5/17/07

No. 2532 Date Jul 11 1907

Machine. Reel.

Turns 638 Cor. + 67 Depth 705

Shot or lead 35 lbs.

Bottom grey mud.

Bottom temperature 39.

No. of thermometer 53731 Cor. - .3

Corrected temperature 25.7

Air 75 Surface 67 Drift 1^m N 57^W

Trawl or dredge Large

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

feet

DOWN.	UP.	TURNS.	DOWN.	UP.
55.0	50.50	0	5.37	11.15
36. —	51.30	100	6.00.45	4.30
37.15	50.30	200	7.05. —	3.55.30
38.30	49.45	300	8.07. —	3.20.30
39. —	48.30	400	9.13. —	2.52.30
40.30	47.15	500	10.15. —	2.20.30
41. —	46.00	600	11.15. —	1.50. —
43.45	45.45	700	12.15. —	1.20. —
		800	13.15. —	1.00.30
		900	14.15. —	0.40. —
		1000	15.15. —	0.20. —
		1100	16.15. —	0.00. —
		1200	17.15. —	0.00. —
		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:

*Several small crabs - white shells
 fish - few bits of seaweed - small
 and blue shells - few other fish
 worms and shells.*

A watch 2.7 in slow

607.

No. 522 Date 11/15/1901
 Machine. / Reel. _____
 Turns 750 Cor. + 78 Depth 828
 Shot or lead 35 lb
 Bottom Brn m. s. s.
 Bottom temperature 63.9
 No. of thermometer 53731 Cor. - .3
 Corrected temperature 38.7
 Air 72 Surface 68 Drift 1.77W
 Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
07		0		
	6.3	100		
12.0	5.4	200		
18.3	5.1	300		
	5.0	400		
	5.1	500		
		600		
41.20	5.2	700		
42.5	4.52	750		
		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:

Bussing
7 2
6 11

No. 2150 Date July 1906
2200 Machine. / Reel.

Turns 1117 Cor. + 117 Depth 1234

Shot or lead 35

Bottom fine

Bottom temperature

No. of thermometer 53731 Cor. -.2

Corrected temperature 27.5

Air 66 Surface 70 Drift 1-11 E

Trawl or dredge S

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9.5-	
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000	2 1/2	
		1100	2 1/2	53.34
		1117		
		1200	2 1/2	47.25
		1300	2 1/2	41.25
		1400		
		1500		
		1600	2 1/2	35.12
		1700	2 1/2	
		1800		
		1900		
		2000		29.00
		2100		
		2200		
		2300		
		2400		

61.2

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:

[Handwritten notes]

No.

Date

Machine.

Reel.

Turns 1 Cor. +

Depth

Shot or lead 3

Bottom *Sand*

Bottom temperature

No. of thermometer

Cor. - .3

Corrected temperature

27.3

Air 66 Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

2.0 | 2.75

300

400

500

56.6

600

700

800

900

1000

1100

10.3

1200

3.50

33

1300

1400

1500

1600

1700

1800

1900

1.3

2000

11.5
2.8

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:

507. *SLE*

No. *3536*

Date *Aug 1 5 25 11*

J.

Machine.

Reel.

Turns *152* Cor. *5*

Depth *157*

Shot or lead *18 lbs*

Bottom *gn M. fine S*

Bottom temperature *not taken*

No. of thermometer

Cor.

Corrected temperature

Air *()* Surface

Drift *1/2 N 1/2 W*

Trawl or dredge *L X B*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

5 40 00

3500

100

4 50 00

31 00

200

3 50 00

26 00

300

3 00 00

6 22 00

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:

A number of shells, etc.

No. *2537* Date *Aug 9th 6:40 AM*

Machine. Reel.

Turns *151* Cor. *+* *5* Depth *156*

~~Shot or lead~~ *18 lbs*

Bottom *gn M. fine S.*

Bottom temperature *46.2*

No. of thermometer *58731* Cor. *- 3*

Corrected temperature *46.2*

Air *71* Surface *74* Drift *1^m N W X N*

Trawl or dredge *L 13*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6 43 00</i>	<i>49 00</i>	0	<i>6 53 00</i>	<i>33 15</i>
<i>43 50</i>	<i>47 00</i>	100	<i>56</i>	<i>30.15</i>
<i>44.20</i>	<i>46 30</i>	<i>151</i>	<i>52</i>	<i>27.15</i>
		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	<i>Trawl Contained</i>			
1000				

REMARKS:

shells and

No. 2536 Date Aug 7 1881
 Tanner _____ Machine _____ Reel _____
 Turns 145 Cor. 5 Depth 150
 Shot or lead 18 lb.
 Bottom Gn M. fm S.
 Bottom temperature 46½
 No. of thermometer 53731 Cor. -.3
 Corrected temperature 46.2
 Air 71 Surface 74 Drift 1-16
 Trawl or dredge S.

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

	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. 2539 Date August 7th 18Sigsbee Machine. - Reel.Turns 129 Cor. + 4 Depth 133Shot or lead 18Bottom cr. s.Bottom temperature 1.7No. of thermometer 53731 Cor. - .3Corrected temperature 47.7Air 71.0 Surface 74 Drift 1^m NTrawl or dredge 18

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

8 57.00

100

9 01.40

200

05.00

31.00

300

07.50

9.29.00

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	5.5	7	7	
100	4.5			
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. Very fine sand, fine
 shells, etc. at 1000 fathoms.

SRP

No. 2110 Date Aug 7
Tanner Machine. Reel.

Turns 140 Cor. + 4 Depth 144

Shot or lead 18.6

Bottom G. S.

Bottom temperature 47

No. of thermometer 53731 Cor. - .3

Corrected temperature 46.7

Air 72 Surface 74 Drift 1/2 N.

Trawl or dredge 2 1/2'

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10 10.00	14 00	0	10 20.00	11 03.00
11 00	12.31	100		
11.30	12.00	140	2 1/2'	
		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			17	
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

[Faint handwritten notes and scribbles, possibly including "S. d. ..."]

No. 2571

Date Aug 17

Machine.

Reel.

Turns 137 Cor. 4 Depth 137

Shot or lead 10 lb

Bottom S. bk Sh.

Bottom temperature 41

No. of thermometer 53721 Cor. - .2

Corrected temperature 47.7

Air 73 Surface 73 Drift 1/2 N 1/2 E

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11:37

" " 40

0

12.00

39.-

100

03.30

35.30

200

07.00

31.30

300

10.30

12.27.00

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:

1. Starfish, pale flounder
 2.

No. 2542 Date Aug 1

Machine. Reel.

Turns 125 Cor. + 4 Depth 129

~~Shot or lead~~

Bottom S. & bk. Sh

Bottom temperature 47.2

No. of thermometer 53731 Cor. .3

Corrected temperature 47.2

Air 73 Surface 76 Drift m 777 W.

Trawl or dredge S. S.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
2.11.00	3.00.00	0	3.00.00	4.00.00
2.11.00	32.00	100	04.30	40.
		200	08.00	37.00
		300	12.00	3.34.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1st 3:00
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 3rd 3:00
 4th 3:00
 5th 3:00
 6th 3:00
 7th 3:00
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 9th 3:00
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 17th 3:00
 18th 3:00
 19th 3:00
 20th 3:00
 21st 3:00
 22nd 3:00
 23rd 3:00
 24th 3:00

6.43
 1 Hour of the lead

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	60	53731	-.2	59.8
50	56½	53731	-.2	56.3
100	50	53731	-.2	49.8
200				
300				
400				
500				
600				
700				
800				
900				
1000	Sounding continued			

REMARKS:

2. Heavy rain
 3. ...
 4. ...

SLP

No. 2543 Date Aug 7 - 1885

Machine. _____ Reel. _____

Turns 161 Cor. 5 Depth 166

Shot or lead 18 lbs

Bottom G.S. bk. Sp.

Bottom temperature 45

No. of thermometer 53731 Cor. -.3

Corrected temperature 45.2

Air 72 Surface 76 Drift 1^m S.

Trawl or dredge L. D.

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4.17.00</u>	<u>5.00.00</u>	0	<u>4 27.00</u>	<u>6.00.00</u>
<u>17.45</u>	<u>21.00</u>	100	<u>31.15</u>	<u>5.00.00</u>
<u>18.50</u>	<u>4.20.15</u>	161 200	<u>34.50</u>	<u>4.00.00</u>
		300	<u>38.30</u>	<u>3.00.00</u>
		3. 400	<u>40.40</u>	<u>2.00.00</u>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 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:

*Abundance of worm tubes
 1.5 m - low abundance*

No. 10512 Date 21Vadmat Machine. Reel.Turns 227 Cor. + 2 Depth 2Shot or lead 18 lbs.Bottom gn. s.Bottom temperature 4.2No. of thermometer 53731 Cor. -.4Corrected temperature 41.6Air 71 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1.02.00</u>	<u>1.12.00</u>	0		
<u>04.30</u>	<u>59.15</u>	100		
<u>06.00</u>	<u>6.5</u>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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2500
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 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. 511 Date August 5 1887

Lucas Machine. Reel.

Turns 149 Cor. + 5 Depth 154

Shot or lead 18 lb.

Bottom gn. s. bk. sh.

Bottom temperature 46.5

No. of thermometer 53731 Cor. -.3

Corrected temperature 46.2

Air 71 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>5.43.00</u>		0		
<u>1.45.15</u>		100		
<u>1.50.30</u>		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		1800		
		1900		
		2000		
		2100		
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		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. 11 Date Oct 21 1887

Sauer Machine. Reel.

Turns 127 Cor. + 4 Depth 131

Shot or lead 18 lb.

Bottom gn. s. bk. sp.

Bottom temperature 48°

No. of thermometer 53721 Cor. - 3

Corrected temperature 47.7

Air 70 Surface 74 Drift 1/2 m N.

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>a.m.</u>		0		
		100	<u>7.00</u>	
		200		
		300	<u>1.00</u>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 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:

Handwritten notes in the bottom section of the table, including the word "REMARKS:" and several lines of illegible cursive text.

No. 2510 Date August 8 1885

Machine. Reel.

Turns 138 Cor. + 4 Depth 142

Shot or lead 18 lb.

Bottom gn. s. bk. sb.

Bottom temperature 47

No. of thermometer 53731 Cor. - .3

Corrected temperature 46.7

Air 70 Surface 74 Drift 1^m 1ⁿ

Trawl or dredge 7

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>0</u>		0	<u>7.31.45</u>	<u>13.30</u>
		100	<u>7.36.00</u>	<u>09.00</u>
		200	<u>41.30</u>	<u>04.15</u>
		300	<u>45.00</u>	<u>8.01.00</u>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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 3700
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 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. *512* Date *August 6*
Tanner Machine. — Reel.

Turns *162* Cor. + *5* Depth *167*

Shot or lead *18 lbs.*

Bottom *gy. s. bk. sh. bk. sh.*

Bottom temperature *46*

No. of thermometer *53731* Cor. — *.3*

Corrected temperature *45.7*

Air *71* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0. 50</i>		0		
<i>1. 00</i>		100		
<i>1. 50</i>		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 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. 823 Date August 8th 1885
Tanner Machine. — Reel.

Turns 225 Cor. 7 Depth 233

Shot or lead 18 lbs.

Bottom gn. m. s.

Bottom temperature 42.3

No. of thermometer 53731 Cor. - 4

Corrected temperature 49.3

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>6.55</u>				
<u>11.25.00</u>	<u>53.00</u>	0		
<u>20.15</u>	<u>52.30</u>	100		
<u>29.45</u>	<u>51.00</u>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 3000
 3100
 3200
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 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. 841 Date *Aug 2 1887**Sigsbee* Machine. 1 Reel.

Turns 24 Cor. + 24 Depth 300

Shot or lead 35 lb.

Bottom *gn. m. s.*

Bottom temperature 41

No. of thermometer 53731 Cor. -.4

Corrected temperature 40.6

Air 73 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

12.01.00

10.00

0

02.00

07.15

100

03.15

12.04.00

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. 2546 Date August 6, 1881
 Machine. ' Reel.

Turns 486 Cor. + 52 Depth 538

Shot or lead 35 lb.

Bottom gn. m.

Bottom Temperature 40

No. of thermometer 5333 Cor. - .4

Corrected temperature 39.6

Air 73 Surface 72 Drift $\frac{1}{2}^m$ N. 71. x 71.

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
0.00		0	12.47.45	0.00.00
	05.15	100	52.15	05.00
	10.15	200	56.30	10.00
	15.15	300	1.00.45	15.00
	20.15	400	04.30	20.00
	25.15	500	08.00	25.00
		600		30.00
		700		35.00
		800	19.30	40.00
		900	23.00	1.40.00
		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. *251* Date *Oct 5 1895*
Sigsbee Machine, 1 Reel.

Turns *352* Cor. + *38* Depth *390*

Shot or lead *35 lb.*

Bottom *gv. m.*

Bottom temperature *40*

No. of thermometer *53731* Cor. *- .4*

Corrected temperature *39.6*

Air *70* Surface *76* Drift *1^m N.*

Trawl or dredge *Large Beam.*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.00</i>	<i>0.00</i>	0	<i>2.25.00</i>	<i>2.25.00</i>
<i>11.00</i>	<i>12.30</i>	100	<i>2.25.00</i>	<i>2.25.00</i>
<i>11.00</i>	<i>13.30</i>	200	<i>2.25.00</i>	<i>2.25.00</i>
<i>12.30</i>	<i>16.30</i>	300	<i>2.25.00</i>	<i>2.25.00</i>
<i>13.15</i>	<i>2.16.00</i>	400	<i>2.25.00</i>	<i>2.25.00</i>
		500	<i>2.25.00</i>	<i>2.25.00</i>
		600	<i>2.25.00</i>	<i>2.25.00</i>
		700	<i>2.25.00</i>	<i>2.25.00</i>
		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:

Numerous branches of

No. 315. Date *Aug 10 1885*
Sigsbee Machine. 1 Reel.

Turns *214* Cor. + *203* Depth *237*

Shot or lead *35 lb.*

Bottom *gn. m.*

Bottom temperature *42*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *41.6*

Air *70* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.00</i>		0		
<i>0.15</i>	<i>42.45</i>	100		
<i>0.30</i>	<i>41.10</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 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. 2548 Date August 15 1885
Ligbee Machine. 1 Reel.

Turns 180 Cor. + 20 Depth 200

Shot or lead 35 lbs

Bottom gn. s. bk. sp.

Bottom temperature 43.7

No. of thermometer 53731 Cor. -.4

Corrected temperature 43.4

Air 60 Surface 76 Drift ---

Trawl or dredge Beam Trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
27.00		0	4.37.00	27.15
27.00	33.15			
27.45	32	100	41.45	24.00
28.30	4.31.00	200	46.30	21.00
		300	50.30	18.10
		400	55.00	5.14.50
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
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 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:

*The wind rose was used in the afternoon
 and the air was calm.*

No. *546* Date *August 3 1885*
Sigsbee Machine. / Reel.

Turns *312* Cor. + *32* Depth *344*

Shot or lead *35 lbs.*

Bottom *gn. m.*

Bottom temperature *44.3*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *43.9*

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

~~6.05.00~~ 13.11

0

06.00 17.00

100

07.15 11.00

200

08.30 6.10 00

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. *5526* Date *Oct 28 1895*
Sigsbee Machine. / Reel.

Turns *576* Cor. + *5* Depth *571*

Shot or lead *35 lb.*

Bottom *gn. m.*

Bottom temperature *39.8*

No. of thermometer *52721* Cor. *-.3*

Corrected temperature *39.5*

Air *75* Surface *70* Drift *1.2*

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.26.00</i>	<i>38.45</i>	0	<i>6.43.00</i>	<i>16.00</i>
		100	<i>47.00</i>	<i>11.45</i>
		200	<i>50.40</i>	<i>07.00</i>
		300	<i>54.00</i>	<i>04.30</i>
		400	<i>57.30</i>	<i>01.45</i>
		500	<i>61.30</i>	<i>58.00</i>
		600	<i>05.45</i>	<i>53.30</i>
		700	<i>10.00</i>	<i>49.15</i>
		800	<i>14.00</i>	<i>45.00</i>
		900	<i>18.00</i>	<i>41.00</i>
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 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:

[Faint handwritten text, possibly describing the location or conditions of the temperature measurements.]
 Acantla.

No. 547 Date August 8th 1875

Sigsbee Machine. 1 Reel.

Turns 375 Cor. + 41 Depth 416

Shot or lead 35 lb.

Bottom st. gn. m.

Bottom temperature 40

No. of thermometer 53731 Cor. .4

Corrected temperature 39.6

Air 70 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.20.00	30.30
20.45	29.00
21.45	28.00
22.45	27.00
23.30	26.00

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

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:

~~547-200~~

No. 210 Date Aug 19 1900

Sigsbee Machine. / Reel.

Turns Cor. + 25 Depth 315

Shot or lead 35 lb

Bottom M. S. C.

Bottom temperature 42

No. of thermometer 53731 Cor. - .4

Corrected temperature 41.6

Air 71 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.0800		0		
11 00		100		
14 00		200		
16.00		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

30

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:

107, 1000

No. 2550 Date Aug 9th 1891

Sigsbee Machine. 1 Reel.

Turns 982 Cor. 99 Depth 1081

Shot or lead 35 lb

Bottom br m.

Bottom temperature 38.5

No. of thermometer 53731 Cor. - 2

Corrected temperature 38.5

Air 73 Surface 76 Drift 2 1/2

Trawl or dredge L 13

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 21. 10	12. 00	0	5. 23. 30	23. 10
42. 15	12. 25	100	27. 45	21. 00
43. 10	12. 45	200	32. 50	18. 00
44. 15	09. 50	300	37. 00	15. 25
45. 45	08. 50	400	37. 30	12. 15
47. 10	07. 20	500	43. 00	10. 30
	01. 10	600		
51. 20	05. 40	700	49. 50	04. 10
52. 25	03. 20	800	53. 00	02. 20
54. 15	01. 10	900	55. 10	59. 20
55. 40	21. 58. 00	1000	1. 00. 20	55. 30
		1100	11. 10	53. 15
		1200	07. 35	50. 10
		1300	11. 35	46. 30
		1400	14. 50	43. 00
		1500	19. 35	39. 30
		1600	23. 40	35. 30
		1700	28. 45	
		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. 2551 Date August 9 1880Machine. 1 Reel.Turns 705 Cor. 12 Depth 770~~Shot or lead~~ 35 lbBottom Gy SgBottom temperature 39No. of thermometer 53751 Cor. - 0.3Corrected temperature 38.7Air 77 Surface 77 DriftTrawl or dredge 2 1/2

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8 13.30	31.25	0	8.35.00	
	30.20	100	39.30	
15.05	29.20	200	45.05	
16.00	28.20	300		
17.00	26.50	400		
18.10	25.30	500		
19.20	24.00	600		
20.30	22.50	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:

* 12 m. slow.

507.

No. 2552 Date August 9

Machine. 1 Reel.

Turns 653 Cor. + 6.8 Depth 7

Shot or lead 35 lb

Bottom gy of

Bottom temperature 46°

No. of thermometer 53731 Cor. - .4

Corrected temperature 39.6

Air 77 Surface 77 Drift 1/2, 7, 7, 4

Trawl or dredge Lancy B...

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

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. 2553 Date Aug

Machine. / Reel.

Turns 477 Cor. + 54 Depth 531

Shot or lead 35 lb

Bottom km 11.1

Bottom temperature 51.0

No. of thermometer 53737 Cor. - .3

Corrected temperature 37.2

Air 7 Surface 77 Drift 3 x 11

Trawl or dredge

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
* 05.50	28.50	0	3.36.10	08.45
50	27.45	100	41.25	06.10
	26.50	200	45.25	02
17.05	25.50	300	48.25	5.01.0
07.22	24.55	400	52.00	58.4
12.2	23.20	500	56.50	55.45
		600	57.50	53.1
		700	1.41.15	51.00
		800	07.15	48.50
		900	10.20	45.1
		1000	13.30	42.2
		1100		
		1200		
		1300		
27-		1400	4.25	47.50
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
36.45		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. 2554 Date August 4/1885
Machine. 1 Reel.

Turns 403 Cor. + 42 Depth 445

Shot or lead 35

Bottom

Bottom temperature 40°

No. of thermometer 53731 Cor. - 4

Corrected temperature 37.6

Air 71 Surface 71 Drift 11

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		

	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. 1

Date

Machine. 1 Reel.

Turns 107 Cor. + 45 Depth 45¹/₂

Shot or lead 35

Bottom gy. m.

Bottom temperature 40°

No. of thermometer 53731 Cor. .4

Corrected temperature 39.6

Air 72 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.14.00

0

5

100

200

300

14.50

400

2.00

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	44	58731		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 500 Date Aug 10

Spokes 1 Machine. 1 Reel.

Turns 500 Cor. + 54 Depth 552

Shot or lead 35 lbs

Bottom gn. m.

Bottom temperature 39.6

No. of thermometer 53731 Cor. - .2

Corrected temperature 39.3

Air 71 Surface 1 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>3.01</u>		0		
<u>03.30</u>		100		
<u>05.00</u>		200		
<u>06.30</u>		300		
<u>8.05</u>		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:

117

No. *851* Date *April 1898*

Sigsbee Machine. Reel.

Turns *358* Cor. + *39* Depth *397*

Shot or lead *35 lbs*

Bottom *gy oz*

Bottom temperature *40.0*

No. of thermometer *53731* Cor. *-.4*

Corrected temperature *39.6*

Air *71* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>40</i>	<i>40</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		

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. 100 Date _____
Sigsbee Machine. 1 Reel. _____
 Turns 29 Cor. + 2 Depth 298
~~Shot or lead~~ 35 lbs
 Bottom gn. ag.
 Bottom temperature 9
 No. of thermometer 53 Cor. - .4
 Corrected temperature 40.6
 Air 69 Surface 74 Drift _____
 Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4:57

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. Hyd 853 Date Aug

Machine Machine. 1 Reel.

Turns 185 Cor. + 21 Depth 206

Shot or lead 35 lb

Bottom gn M,

Bottom temperature 47

No. of thermometer 50/51 Cor. 21

Corrected temperature 26

Air 52 Surface 75 Drift

Trawl or dredge

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

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:

V&P

No. 26 Date Aug. 10th

Machine. 1 Reel.

Turns 123 Cor. 13 Depth 136

Shot or lead

Bottom gn. M. + S

Bottom temperature 48

No. of thermometer 3731 Cor. -.3

Corrected temperature 47.7

Air 72 Surface 75 Drift $\frac{1}{2}$ W.

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	17.30	54.00
		200	21.40	51.00
		300	26.10	6.47.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Reel returned ok 9.50
 6. 12. 14. 16. 18. 20. 22. 24. 26. 28. 30. 32. 34. 36. 38. 40. 42. 44. 46. 48. 50. 52. 54. 56. 58. 60. 62. 64. 66. 68. 70. 72. 74. 76. 78. 80. 82. 84. 86. 88. 90. 92. 94. 96. 98. 100. 102. 104. 106. 108. 110. 112. 114. 116. 118. 120. 122. 124. 126. 128. 130. 132. 134. 136. 138. 140. 142. 144. 146. 148. 150. 152. 154. 156. 158. 160. 162. 164. 166. 168. 170. 172. 174. 176. 178. 180. 182. 184. 186. 188. 190. 192. 194. 196. 198. 200. 202. 204. 206. 208. 210. 212. 214. 216. 218. 220. 222. 224. 226. 228. 230. 232. 234. 236. 238. 240. 242. 244. 246. 248. 250. 252. 254. 256. 258. 260. 262. 264. 266. 268. 270. 272. 274. 276. 278. 280. 282. 284. 286. 288. 290. 292. 294. 296. 298. 300. 302. 304. 306. 308. 310. 312. 314. 316. 318. 320. 322. 324. 326. 328. 330. 332. 334. 336. 338. 340. 342. 344. 346. 348. 350. 352. 354. 356. 358. 360. 362. 364. 366. 368. 370. 372. 374. 376. 378. 380. 382. 384. 386. 388. 390. 392. 394. 396. 398. 400. 402. 404. 406. 408. 410. 412. 414. 416. 418. 420. 422. 424. 426. 428. 430. 432. 434. 436. 438. 440. 442. 444. 446. 448. 450. 452. 454. 456. 458. 460. 462. 464. 466. 468. 470. 472. 474. 476. 478. 480. 482. 484. 486. 488. 490. 492. 494. 496. 498. 500. 502. 504. 506. 508. 510. 512. 514. 516. 518. 520. 522. 524. 526. 528. 530. 532. 534. 536. 538. 540. 542. 544. 546. 548. 550. 552. 554. 556. 558. 560. 562. 564. 566. 568. 570. 572. 574. 576. 578. 580. 582. 584. 586. 588. 590. 592. 594. 596. 598. 600. 602. 604. 606. 608. 610. 612. 614. 616. 618. 620. 622. 624. 626. 628. 630. 632. 634. 636. 638. 640. 642. 644. 646. 648. 650. 652. 654. 656. 658. 660. 662. 664. 666. 668. 670. 672. 674. 676. 678. 680. 682. 684. 686. 688. 690. 692. 694. 696. 698. 700. 702. 704. 706. 708. 710. 712. 714. 716. 718. 720. 722. 724. 726. 728. 730. 732. 734. 736. 738. 740. 742. 744. 746. 748. 750. 752. 754. 756. 758. 760. 762. 764. 766. 768. 770. 772. 774. 776. 778. 780. 782. 784. 786. 788. 790. 792. 794. 796. 798. 800. 802. 804. 806. 808. 810. 812. 814. 816. 818. 820. 822. 824. 826. 828. 830. 832. 834. 836. 838. 840. 842. 844. 846. 848. 850. 852. 854. 856. 858. 860. 862. 864. 866. 868. 870. 872. 874. 876. 878. 880. 882. 884. 886. 888. 890. 892. 894. 896. 898. 900. 902. 904. 906. 908. 910. 912. 914. 916. 918. 920. 922. 924. 926. 928. 930. 932. 934. 936. 938. 940. 942. 944. 946. 948. 950. 952. 954. 956. 958. 960. 962. 964. 966. 968. 970. 972. 974. 976. 978. 980. 982. 984. 986. 988. 990. 992. 994. 996. 998. 1000.

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				

Temperature not recorded

REMARKS:

no shrimp, starfish, brachiopods

SEP

No. 2556 Date Aug 11th '06

Warner Machine. Reel.

Turns 175 Cor. Depth 180

Shot or lead 18

Bottom Gn. M. fine S.

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 75 Drift $\frac{1}{2}$ m N.

Trawl or dredge S.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
72.00	34.00	0	72.00	34.00
30.00	33.00	100	47.00	33.00
31.00	31.00	200	48.30	28.00
		300	52.00	25.00
		400	56.00	8.20
		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:

See attached and shrink over.

No. 2557 Date Nov-10th 1885
Tanner Machine. Reel.

Turns 147 Cor. 5 Depth 152

~~Shot or lead~~ 18 lb.

Bottom gn. M.

Bottom temperature 47

No. of thermometer 53731 Cor. - 3

Corrected temperature 44

Air 75 Surface 75 Drift $\frac{1}{2}$ m N. E.

Trawl or dredge S. & S.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>51.00</u>	<u>53.00</u>	0	<u>9.00</u>	<u>31.00</u>
<u>52.00</u>	<u>54.00</u>	100	<u>04.05</u>	<u>35.00</u>
<u>52.30</u>	<u>52.20</u>	<u>147</u> 200	<u>07.50</u>	<u>32.20</u>
		300	<u>11.20</u>	
		<u>347</u> 400	<u>12.00</u>	
		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:
 few sh. sp. few apothurians

No. 3558 Date 11 5 55
Tanner Machine. Reel.

Turns 117 Cor. + 4 Depth 123

Shot or lead 18 lbs

Bottom G.S.

Bottom temperature 50

No. of thermometer 501 Cor. 0

Corrected temperature 50.3

Air 70 Surface 71 Drift $\frac{1}{2}$ " N.E.

Trawl or dredge S.S.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>12 04.00</u>	<u>12 00</u>	<u>0</u>	<u>12. 16.</u>	<u>56.</u>
<u>05.00</u>	<u>10.00</u>	<u>100</u>	<u>.20.00</u>	<u>53.00</u>
		<u>200</u>	<u>.23.40</u>	<u>50.00</u>
		<u>300</u>	<u>.27.00</u>	<u>12.47. 11</u>
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

	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: *Found some by 2 ft.*

No. *2557* Date *Aug 10th 85*

Tanner Machine. Reel.

Turns *116* Cor. + *4* Depth *120*

Shot or lead *18 lb*

Bottom *br. M. & S.*

Bottom temperature *not taken*

No. of thermometer Cor.

Corrected temperature

Air *78* Surface *76* Drift *1.15*

Trawl or dredge *S.S.*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.57.30</i>	<i>0.00</i>	0	<i>1.11.00</i>	<i>2.12.10</i>
<i>12.58.30</i>	<i>1.04.30</i>	100	<i>1.15.40</i>	<i>09.00</i>
		200	<i>19.30</i>	<i>06.15</i>
		300	<i>22.40</i>	<i>03.00</i>
		400	<i>24.30</i>	<i>2.01.10</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Done at 12:15 PM
6 fathoms, 4 seconds, 4 minutes*

Done at 12:15 PM

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:

See Serials attached to list

867

No. 2563 Date June 18 1881
 Machine. Reel.

Turns 111 Cor. + 3 Depth 114

Shot or lead 18 lbs.

Bottom 6. 7 1/2 Y S.

Bottom temperature 50. 9/10

No. of thermometer 53731 Cor. - 2

Corrected temperature 50.7

Air 78 Surface 76 Drift 1/2 m N.E.

Trawl or dredge 20 ft.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43. 30	46. 00	0	13. 05	3. 56. 54
14. 00	2. 44. 00	100	14. 00	3. 54. 35
		200	24. 00	50. 20
		300	29. 00	3. 46. 35
		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				

Trans. continued

REMARKS:

*Low tide in p. ...
 depth ...*

No. 2561 Date June 1, 1881Sigsbee Machine. 1 Reel.Turns 455 Cor. 45 Depth 500~~Shot or lead~~ 35 lbs.Bottom gn. M.Bottom temperature 39½No. of thermometer 53731 Cor. -3Corrected temperature 29.2Air 89 Surface 77 Drift 1^m N. 1/2 E.Trawl or dredge 2' 1/2'

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.37.30	45.00	0	5.53.30	34.20
1.00	44.30	100	59.15	31.5
2.00	44.00	200	6.22.5	29.0
3.00	43.25	300	05.30	25.00
4.00	42.50	400	08.30	22.10
		500	12.00	19.15
		600	15.15	16.15
		700	18.50	13.00
		800	22.35	09.35
		900	26.30	06.00
		1000	31.30	7.02.15
		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:

31 Jan 1900
5 fms
...

No. 857 Date Aug 21 1880Sigsbee Machine. 1 Reel.Turns 341 Cor. 1 Depth 341Shot or lead 35Bottom gn. S.Bottom temperature 40No. of thermometer 53731 Cor. - 4Corrected temperature 39.6Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<u>7.42.00</u>	<u>52.00</u>	<u>0</u>		
<u>42.50</u>	<u>51.00</u>	<u>100</u>		
<u>44.10</u>	<u>50.00</u>	<u>200</u>		
<u>45.00</u>	<u>49.00</u>	<u>300</u>		
<u>46.40</u>		<u>341</u>		
		<u>400</u>		

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	62.2	53731	-.2	62
50	56.0	53731	-.2	55.5
100	49.2	53731	-.2	49
200	42.5	53731	-.4	42.1
300	40.5	53731	-.4	40.1
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 60 Date August 11 1885.
 Machine. / Reel.

Turns: Cor. + _____ Depth _____

Shot or lead _____

Bottom _____

Bottom temperature _____

No. of thermometer 53731 Cor. - 2

Corrected temperature _____ 57.3

Air _____ Surface _____ Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400	10:30	37:15
		500		
		600		
		700		
		800	25:00	21:30
		900	29:00	18:45
		1000	32:45	15:15
		1100	36:30	12:00
		1200	40:00	09:00
		1300	43:00	05:30
		1400		
		1500		
		1600		
		1700		
		1800	02:30	48:05
		1900		44:45
		2000		41:30
		2100		37:45
		2200		33:30
		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:

Handwritten notes:
 ... - ...
 ... numerous;
 ...

No. 2065 Date 6/11/11

Sigsbee Machine. / Reel.

Turns 1293 Cor. : 27 Depth 1320

Shot or lead 35 lb.

Bottom gy. oz.

Bottom temperature 37.5

No. of thermometer 2351 Cor. -2

Corrected temperature 37.4

Air 82 Surface 77 Drift 1^m N.

Trawl or dredge Sigsbee

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	25.00	0	10.30.00	10.00
	26.30	100	10.31.30	09.30
	28.00	200	10.33.00	09.00
	29.30	300	10.34.30	08.30
	31.00	400	10.36.00	08.00
	32.30	500	10.37.30	07.30
	34.00	600	10.39.00	07.00
	35.30	700	10.40.30	06.30
	37.00	800	11.01.30	06.00
	38.30	900	11.03.00	05.30
	40.00	1000	11.04.30	05.00
	41.30	1100	11.06.00	04.30
	43.00	1200	11.07.30	04.00
	44.30	1300	11.09.00	03.30
		1400	11.10.30	03.00
		1500	11.12.00	02.30
		1600	11.13.30	02.00
		1700	11.15.00	01.30
		1800	11.16.30	01.00
		1900	11.18.00	13.00
		2000	11.19.30	12.30
		2100	11.21.00	12.00
		2200	11.22.30	11.30
		2300	11.24.00	11.00
		2400	11.25.30	10.30

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:

68 Benthodites - 4 species star

[Faint handwritten text, possibly describing the location or nature of the sample.]

No. 2554 Date Dec 11 1881

Sigsbee Machine. / Reel.

Turns 1250 Cor. 126 Depth 1124

Shot or lead 35 lb.

Bottom gy. oz.

Bottom temperature 37.5

No. of thermometer 5813 Cor. -0.2

Corrected temperature 37.3

Air 6 Surface 6 Drift 1.5 1/2

Trawl or dredge Large Beam

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

1742
2200
4942

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	61.8	54,820	-.2	61.6
50	58.3	54,820	-.2	58.1
100	57.0	54,820	-.2	56.8
200	53.0	54,820	-.2	49.8
300	49.5	54,820	-.2	48.3
400	49.5	52,333	-.5	49.0
500	49.5	52,333	-.5	49.0
600	49.5	52,333	-.5	49.0
700	49.5	52,333	-.5	49.0
800	49.5	52,333	-.5	49.0
900	49.5	54,820	-.2	49.3
1000	49.5	52,333	-.5	49.0

REMARKS:

Numerous stars

No. *1193* Date *17 4*

Machine. Reel.

Turns *1193* Cor. + *17 4* Depth

Shot or lead *60 lbs*

Bottom *Gr & B. g.*

Bottom temperature *56*

No. of thermometer *54, 212* Cor.

Corrected temperature

Air Surface *27* Drift *3*

Trawl or dredge

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

0 9

35

111 22, 53

16

10

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

211
110
111

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		54822	- .2	76.5
50		51822	- .2	73.7
100		52732	- .2	53.1
200		51822	- .2	44.2
300		51822	0	49.3
400		51822	- .2	40.1
500		51822	- .5	39.6
600	37.2	51822	- .5	38.7
700		51822	- .4	39
800	37.9	54822	- .2	38.6
900	37.5	51822	- .7	38.8
1000	38.9	52732	- .2	38.6

REMARKS:

37.9 - 0.2 = 37.7 - 1.2 = 36.5

SLP

No. 2566 Date Aug. 29 85

Sigsbee Machine. / Reel.

Turns 2410 Cor. 210 Depth 2620

Shot ~~70~~ 60 lbs.

Bottom Gy. M.

Bottom temperature 36.2

No. of thermometer 53723 Cor. . . .

Corrected temperature 36.4

Air 75 Surface 80 Drift 2nd SW X S

Trawl or dredge L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4:04:00	5:24:00	0	5:39:00	1:31:00
		100	43:00	1:02:15
		200	47:10	5:30
		300	51:15	5:00
		400	55:00	51:30
		500	58:50	48:00
		600	6:02:15	44:00
		700	06:05	41:15
		800	10:15	38:00
		900	14:00	35:00
		1000	18:30	31:30
		1100	23:00	27:30
		1200	27:05	23:00
		1300	30:40	19:00
		1400	34:40	15:00
		1500	38:50	11:00
		1600	42:10	07:30
		1700	45:40	04:00
		1800	49:00	12:00:30
		1900	52:40	08:00
		2000	57:00	04:00
		2100	7:01:30	00:00
		2200	04:20	45:20
		2300	07:00	41:40
		2400	10:00	11:37:50

Handwritten notes at the bottom of the page, including "The following is a list of the specimens obtained from the dredge..."

Out off 80 feet dredge rope

4,415.00	4,46.20	2410 2500	7.13.30	33.40
		2600	16.30	29.30
		2700	19.45	25.20
		2800	24.00	21.18
		2900	28.30	17.15
		3000	33.30	13.15
		3100	37.35	09.15
		3200	41.15	04.45
		3300	45.00	11.00.15
		3400	48.50	55.45
		3500	53.15	51.15
		3600	58.00	46.15
		3700	8.02.15	41.30
		3800	06.15	37.15
		3900	11.00	32.45
		4000	15.00	10.27.30

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	81	53731	+ .2	81.2
50	79	53733	+ .2	79.2
100	66.6	54823	0	66.6
200	64.8	54820	- .2	64.6
300	63	54823	0	63
400	59	53738	+ .1	59.1
500	54.4	54822	- .4	54.8
600	45.6	53734	- .3	45.3
700	41	54821	- .3	40.7
800	40.5	53731	- .3	40.2
900	39.9	50312	- .3	39.6
1000	37.5	52732	- .2	37.3

REMARKS:

2 starfish, many small shells, 7 or 8 species of shells, but the largest was large thin, several species of worms, but none from life.

No. 2067 Date June
 Machine. 1 Reel.
 Turns 2515 Cor. + 216 Depth 2731
 Shot or lead 60 lb
 Bottom gy. m.
 Bottom temperature
 No. of thermometer 53738 Cor. 3
 Corrected temperature 38.4
 Air 72 Surface 78 Drift
 Trawl or dredge 1/2

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	<u>11 25</u>	
	<u>32.25</u>	100		
	<u>31.30</u>	200	<u>08 3</u>	
		300		
		400		
		500		
		600		
		700		
	<u>31.10</u>	800	<u>07 45</u>	
	<u>29.01</u>	900		
	<u>28.55</u>	1000	<u>38</u>	
	<u>28.45</u>	1100	<u>2</u>	
		1200		
	<u>28.00</u>	1300	<u>1</u>	
	<u>28.30</u>	1400	<u>0</u>	
	<u>28.30</u>	1500	<u>56</u>	
		1600		
<u>29 35</u>	<u>32.20</u>	1700	<u>04.10</u>	
<u>40 45</u>	<u>31.20</u>	1800	<u>08 0</u>	
<u>43 45</u>	<u>30.20</u>	1900	<u>11 25</u>	
<u>45 20</u>	<u>28.20</u>	2000	<u>15</u>	
<u>46 55</u>	<u>25.20</u>	2100	<u>20 20</u>	
<u>48 55</u>	<u>23.00</u>	2200	<u>24 0</u>	
<u>10 10</u>	<u>20.50</u>	2300	<u>29.31</u>	
		2400		

13

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:

2 white nets used

No. 855 Hyd Date Aug. 31st 1885
Lucas Machine. 1 Reel.
 Turns 1782 Cor. + 167 Depth 1949
 Shot or lead 60 lb
 Bottom lt br. glob. ss
 Bottom temperature 36.5
 No. of thermometer 53731 Cor. - .7
 Corrected temperature 36.4
 Air 72 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5 14.30	14.00	0		
16.00	13.00	100		
17.20	12.10	200		
18.45	11.10	300		
19.50	10.10	400		
21.00	09.05	500		
22.00	08.00	600		
23.00	06.50	700		
24.30	05.30	800		
26.00	04.15	900		
27.30	03.00	1000		
28.00	01.10	1100		
30.35	57.00	1200		
32.00	55.00	1300		
33.30	53.15	1400		
35.00	51.20	1500		
36.30	49.25	1600		
38.05	47.00	1700		
39.30	46.00	1782		
		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:

SEP

No. 2568 Date Aug 31" 1885

Sigsbee Machine. / Reel.

Turns 1626 Cor. + 155 Depth 1781

Shot or lead 60 lbs

Bottom Gy oz

Bottom temperature 37.1

No. of thermometer 53731 Cor. ...

Corrected temperature ...

Air 72 Surface 75 Drift 1^m N x E

Trawl or dredge LB

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.55.00	31.30	0	9 48.00	35.20
56.30	31.20	100	52.10	32.00
57.15	31.40	200	56.40	29.00
58.15	31.45	300	59.45	26.00
59.30	31.50	400	03.45	23.00
1.01.00	31.50	500	08.45	20.00
1.02.00	31.50	600	12.45	16.30
1.03.00	31.50	700	16.35	12.30
1.04.00	31.40	800	21.35	09.15
1.05.00	31.30	900	25.15	05.30
1.06.00	29.15	1000	28.45	01.30
1.07.00	27.00	1100	32.30	57.30
1.08.00	27.00	1200	36.30	53.45
1.09.00	26.00	1300	40.15	50.30
1.10.00	25.00	1400	44.10	46.45
1.11.00	24.00	1500	47.45	42.50
1.12.00	23.00	1600	51.35	39.00
1.13.00	22.00	1700	55.40	34.45
1.14.00	21.00	1800	59.35	30.30
1.15.00	20.00	1900	03.35	26.00
1.16.00	19.00	2000	08.00	22.00
1.17.00	18.00	2100	12.00	18.00
1.18.00	17.00	2200	16.10	14.00
1.19.00	16.00	2300	20.30	10.00
1.20.00	15.00	2400	25.00	06.15

2500	27.00	02.30
2600	32.40	58.50
2700	36.40	55.00
2800	41.50	12 50.00
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700	17.51	11 17.51
3800	24.00	4.51
3900	10.18	
	1.10	
	1.28	1/2 + 1.28
4000		

SERIAL TEMPERATURES.

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

REMARKS:
 Trawl contained
 few little stars, sea cucumbers,
 numerous hydroids, 2 species of
 sea anemones, 15 species of coral,
 numerous porcupines, few crabs,
 crabs, few shrimp

No. 2569 Date Aug 31^d 1885

Sigsbee Machine. 1 Reel.

Turns 1627 Cor. + 155 Depth 1782

Shot ~~or lead~~ 60 lbs

Bottom gy. m.

Bottom temperature 37²

No. of thermometer 53731 Cor. - . 2

Corrected temperature 37

Air 74 Surface 75 Drift SSW

Trawl ~~or dredge~~ L.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2300	04.30	0	3.04.30	19.00
2420	03.10	100	10.10	17.50
2520	02.25	200	12.10	10.30
2615	01.30	300	16.10	07.27
2725	0.24.35	400	20.00	7.03.00
2825	0.27.25	500	24.00	59.00
2930	0.55.25	600	28.10	55.40
3025	0.57.25	700	32.30	50.25
3140	1.06.15	800	36.30	47.10
3250	1.15.05	900	40.30	43.40
3400	1.24.00	1000	45.40	42.15
3515	1.33.00	1100	49.45	38.20
3630	1.42.00	1200	52.55	34.25
3730	1.50.00	1300	57.10	30.25
3845	1.58.00	1400	4 01.30	26.30
3920	1.56.30	1500	05.30	22.30
4030	1.44.00	1600	09.15	18.00
4130	1.42.25	1700	13.10	13.40
		1800	17.00	09.40
		1900	20.30	05.00
		2000	24.15	02.15
		2100	28.40	58.25
		2200	32.20	54.25
		2300	36.00	50.00
		2400	42.20	46.15

2500	4.4631	4.245
2600	50.40	5.3830
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600	5.1752	
3700	5.95	
3800	5.76	
3900	8.51	
4000	6.73	

SERIAL TEMPERATURES.

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

REMARKS:

*Number
broken paper
tilt
to ...*

No. 006 Date

Sigsbee Machine. 1 Reel.

Turns 186 Cor. + 169 Depth

Shot or lead .600

Bottom Sy

Bottom temperature 37

No. of thermometer 1000 Cor. 0.2

Corrected temperature 36.8

Air 72 Surface 72 Drift

Trawl or dredge

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		

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. 111 Date Oct 10 1878Machine. 1 Reel.Turns 1657 Cor. + 154 Depth 1813

Shot or lead

Bottom

Bottom temperature

No. of thermometer 73731 Cor. -.2Corrected temperature 36.5Air 72 Surface 72 Drift 1.11Trawl or dredge 5-2-3

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
<u>51.11</u>	<u>57.11</u>	100	<u>11.11</u>	
<u>1.11</u>	<u>58.11</u>	200	<u>2.11</u>	
		300		
		400		
<u>0.11</u>	<u>59.11</u>	500	<u>3.45</u>	<u>51.45</u>
		600		<u>5.11</u>
	<u>24.30</u>	700	<u>6.30</u>	<u>51.40</u>
		800	<u>7.11</u>	<u>57.10</u>
	<u>27.30</u>	900	<u>8.11</u>	<u>41.57</u>
	<u>30.11</u>	1000	<u>9.11</u>	<u>40.48</u>
		1100		
		1200		
		1300		
<u>11.00</u>	<u>31.50</u>	1400	<u>10.45</u>	<u>30.15</u>
		1500		
<u>12.00</u>	<u>32.50</u>	1600	<u>11.11</u>	<u>18.11</u>
		1700		
		1800		
		1900		
		2000		
		2100		
		2200	<u>17.00</u>	<u>30</u>
		2300	<u>1.40</u>	<u>31.</u>
		2400		

	2500	0.4	1.0
	2600	1.5	0.8
	2700	1.9	0.7
	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:

2.5

No. 2571 Date 1882

Machine. / Reel.

Turns 157 Cor. 1 Depth 337

Shot or lead 35

Bottom W. G. S. M.

Bottom temperature 35

No. of thermometer 03731 Cor. - .10

Corrected temperature

Air 75 Surface 72 Drift 1 - 2.1

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>31.10</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
<u>31.20</u>		700		
<u>31.30</u>		800		
<u>31.40</u>		900		
<u>31.50</u>		1000		
<u>32.05</u>		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		54821	-.1	58.5
50		54822	-.2	58.0
100		54823	-.2	57.5
200		54824	-.2	57.0
300	52	54825	-.2	56.5
400		54826	-.2	56.0
500		54827	-.2	55.5
600		54828	-.2	55.0
700		54829	-.2	54.5
800	39	54823	-.1	54.0
900	38.8	54820	-.2	53.5
1000				

REMARKS:

No. 2572 Date Sept 2^d 1885

Sigsbee Machine. 1 Reel.

Turns 1615 Cor. 154 Depth 1769

Shot or lead 35 lbs

Bottom gy. oz.

Bottom temperature 38

No. of thermometer 53731 Cor. 2

Corrected temperature

Air 72 Surface 72 Drift 1/2^m W.

Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>H 08 00</u>	<u>51.15</u>	<u>0</u>	<u>5.00.00</u>	<u>47.30</u>
<u>09 30</u>	<u>52.20</u>	<u>100</u>	<u>07.00</u>	<u>43.45</u>
<u>11 00</u>	<u>53.30</u>	<u>200</u>	<u>13.00</u>	<u>40.00</u>
<u>12 30</u>	<u>54.45</u>	<u>300</u>	<u>18.40</u>	<u>36.00</u>
<u>13 30</u>	<u>47.55</u>	<u>400</u>	<u>20.30</u>	<u>32.00</u>
<u>14 45</u>	<u>49.00</u>	<u>500</u>	<u>24.10</u>	<u>28.30</u>
<u>16 00</u>	<u>50.00</u>	<u>600</u>	<u>28.00</u>	<u>23.25</u>
<u>17 15</u>	<u>47.00</u>	<u>700</u>	<u>31.45</u>	<u>19.15</u>
<u>18 30</u>	<u>46.00</u>	<u>800</u>	<u>35.50</u>	<u>15.15</u>
<u>19 45</u>	<u>45.00</u>	<u>900</u>	<u>41.00</u>	<u>11.45</u>
<u>21 00</u>	<u>44.00</u>	<u>1000</u>	<u>45.00</u>	<u>08.15</u>
<u>22 15</u>	<u>43.00</u>	<u>1100</u>	<u>48.00</u>	<u>04.40</u>
<u>23 30</u>	<u>41.40</u>	<u>1200</u>	<u>51.20</u>	<u>01.30</u>
<u>24 45</u>	<u>40.30</u>	<u>1300</u>	<u>55.10</u>	<u>00.00</u>
<u>26 00</u>	<u>39.00</u>	<u>1400</u>	<u>58.45</u>	
<u>27 15</u>	<u>37.10</u>	<u>1500</u>	<u>602.20</u>	
<u>28 30</u>	<u>35.00</u>	<u>1600</u>	<u>05.20</u>	
		<u>1700</u>	<u>10.00</u>	
		<u>1800</u>	<u>14.30</u>	<u>32.15</u>
		<u>1900</u>	<u>18.30</u>	<u>27.00</u>
		<u>2000</u>	<u>22.15</u>	<u>20.30</u>
		<u>2100</u>	<u>26.15</u>	<u>13.30</u>
		<u>2200</u>	<u>30.00</u>	<u>07.00</u>
		<u>2300</u>	<u>34.00</u>	<u>8, 00.00</u>
		<u>2400</u>	<u>38.20</u>	<u>7.53.30</u>

2500	6, 42.35	47.30
2600	46.25	41.00
2700	50.15	35.30
2800	54.20	7. 30.00
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:

Large quantity of foraminifera

6

SLP

12 minutes slow

No. 2573

Date

Sept 2^d 1885

Sigsbee Machine. / Reel.

Turns 1590 Cor. 152 Depth 1742

Shot or lead 35

Bottom gy. M. & S.

Bottom temperature 37½

No. of thermometer 53731 Cor. - .2

Corrected temperature

Air 71 Surface 71

Drift 1^m WNW.

Trawl or dredge S.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
11,00,00	4320	0	12,00,00	14,30
01,00	4235	100	05,00	11,15
02,10	4145	200	09,00	07,45
03,20	4000	300	10,00	04,40
04,40	40,10	400	10,00,5	01,10
06,00	39,15	500	21,15	57,25
07,15	38,15	600	26,40	34,10
08,30	37,15	700	30,10	19,20
10,45	36,10	800	33,40	05,30
12,15	35,00	900	37,40	00,00
13,50	33,50	1000	41,00	36,20
15,20	32,50	1100	44,30	32,00
17,05	31,35	1200	48,00	27,00
18,40	30,25	1300	50,00	23,00
20,15	29,00	1400	56,50	19,00
22,00	27,50	1500	59,45	14,15
23,20	26,30	1590	1 03,45	09,40
		1700	09,45	04,45
		1800	14,45 4	00,00
		1900	18,30	55,40
		2000	22,25	50,40
		2100	25,50	46,00
		2200	30,20	41,20
		2300	35,20	35,30
		2400	39,30	30,20

2500	1,45.00	25.15
2600	49.20	3.20.00
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	68.3	53731	0	68.3
50	61	54821	0	61
100	53	54820	-.2	52.8
200	49.4	52734	0	49.4
300	42.1	54823	-.1	42
400	40.6	54822	-.4	40.2
500	40	53734	-.3	39.7
600	39.6	53733	-.5	39.1
700	39.6	53738	-.2	39.4
800	39	50312	-.4	38.6
900	38.9	52732	-.2	38.7
1000	38.4	50306*	-.3	38.1

REMARKS:

few star fish, sponges, hydroids; *Amphipoda* in abundance; 1 or 2 Blue Hake.

No. 85-717 Date July 2

Sigsbee Machine / Reel

Turns 1840 Cor. 16 Depth 20

Shot or lead 60 lb

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 63 Surface 71 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
31.30 410	18.25	0
31.25	17.30	100
32.15	16.50	200
33.10	15.55	300
34.10	15.00	400
35.15	14.15	500
36.20	13.15	600
37.30	12.05	700
38.40	11.00	800
39.50	09.50	900
40.05	08.35	1000
42.20	07.20	1100
43.40	06.10	1200
45.55	04.45	1300
48.20	03.15	1400
50.55	02.05	1500
49.05	4.00.30	1600
50.30	58.55	1700
52.00	57.20	1800
53.50	56.30	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. 257 Date

Sigsbee Machine. / Reel.

Turns 1636 Cor. + Depth

Shot or lead 60 lb

Bottom yf slob g.

Bottom temperature 37

No. of thermometer 53733 Cor. - .3

Corrected temperature 36.7

Air 65 Surface 71 Drift 1 W 21 W

Trawl or dredge 2 13

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.49.20	30.00	0	6.34.50	48.20
50.20	29.10	100	40.30	45.20
7.20	28.20	200	44.30	42.30
	27.30	300		
	26.30	400	49.55	36.50
	25.35	500	53.05	34.00
	24.50	600	55.10	31.20
	23.35	700	58.55	28.30
	22.30	800	7.02.35	25.45
	21.30	900	106.10	22.50
6.00.00	20.25	1000	091	
01.30	19.30	1100	13.15	1
02.50	18.00	1200	17.15	1
		1300		
05.10	15.30	1400	25.50	
16.53	14.25	1500	29.00	
08.20	13.05	1600	33.10	10.
9.00	12.20	1636 1700	36.55	
		1800	41.40	
		1900	44.30	
		2000	47.40	41
		2100	50.40	
	3.45	2200	54.10	
	7.17	2300	57.40	3
		2400	61.10	

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

1655 28-10
1656 28-10
1657 28-10

SERIAL TEMPERATURES.

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

REMARKS:

No. 2575 Date
1600 Machine. / Reel.
 Turns Cor. 1 Depth 1110
 Shot or lead 35
 Bottom gy. s.
 Bottom temperature 57.5
 No. of thermometer 53738 Cor. -.4
 Corrected temperature 57.1
 Air 64 Surface 71 Drift 1.00 cal-
 Trawl or dredge S

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.0400	45.55	0	12.58.00	57.00
05.00	45.00	100	1.02.55	53.40
06.05	44.20	200	06.45	51.00
		300		
		400		
08.25	41.45	500	19.35	42.45
10.45	40.45	600	22.45	39.45
12.10	39.50	700	27.10	36.57
	38.40	800	29.26	34.50
15.20	37.40	900	32.40	30.40
00	36.40	1000	37.30	27.10
18.20	35.55	1100	41.55	24.15
00	34.20	1200	45.10	21.00
23.05	33.10	1300	48.20	17.45
24.45	31.50	1400	51.20	14.15
26.40	30.30	1500	55.05	10.30
27.30	29.10	1600	58.40	07.00
		1700		
	16.30	1800	1.6.25	59.55
		1900	09.50	57.55
		2000	12.25	55.55
	5.20	2100	17.30	49.40
	15.58	2200	21.10	45.35
	3.40	2300	25.15	41.30
04.40	2.5	2400	30.50	37.40
	2.0			

	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	71 ² / ₃	54821	0	71.2
50			0	59.1
100			-.2	52.5
200	47 ¹ / ₂	52724	-.1	47.
300			-.4	41.3
400	40 -	541820	-.2	40.2
500			-.2	39.5
600	36 ² / ₃	53734	-.3	37.3
700			-.6	36.7
800	37 -	52732	-.2	35.5
900		50372	-.4	35.4
1000			-.3	35

REMARKS:

Temperature few fathoms
 and probably increasing from

S.F.P.
507.

No. 2576 Date Sept 4/1885

Tanner Machine. Reel.

Turns 18 Cor. Depth 18

Shot or lead 18 lb

Bottom cas rck. S. yel Sp

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 64 Surface 61 Drift 1/4^m N.W. x W.

Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
1.38.00		0	1.58.00	2.16.00
		75	2.02.00	2.11.00
		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:

Large quantity of *Sargassum*.
 1 *Thalassia* *terrestris*, *Buccinum*.
 Saw Star fish & pole flowers
 Small Crabs.

S.P.

No. **2577** Date **Sept 4th 1885**
Tanner Machine. Reel.

Turns **31** Cor. **1** Depth **32**

~~Shot or lead~~ **18 lbs**

Bottom **hd. y. S 4 P**

Bottom temperature **none taken**

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air **64** Surface **61** Drift $\frac{1}{4}$ " **WNW**

Trawl or dredge **S.B.**

SOUNDING WIRE.

DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	2.52.00	3.53.00	0	2.55	16.00
			65	2.57.45	3.13.00
			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
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 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:

1000, Barometer, seal, and stick

No. 2578 Date Sept 4th 1885

Tanner Machine. Reel.

Turns 36 Cor. 1 Depth 37

~~Shot or lead~~ 18 lbs

Bottom fine sh. S. bk. sp.

Bottom temperature 54.5

No. of thermometer 53733 Cor. - .1

Corrected temperature 54.4

Air 63 Surface 60 Drift $\frac{1}{4}$ ° N. N. W.

Trawl or dredge S.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4.34.00	06.30
P.M.		75		
4.27.00	4.29.00	100	38.30	5.02.00
		100	52.00	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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 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:

few shrimp, sand dollars,
 h. r.

507. S.P.No. 2579 Date Sept 4th 1884Tanner Machine. Reel.Turns 68 Cor. + 2 Depth 70Shot or lead 18 lbsBottom fine dk. gy. S.Bottom temperature 42.8No. of thermometer 53733 Cor. - .6Corrected temperature 42.2Air 62 Surface 61 Drift 1/4th WTrawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>P.M.</u> <u>6,17.00</u>	<u>6,19.00</u>	0	<u>6,20.00</u>	<u>50.30</u>
		100	<u>24.00</u>	<u>47.30</u>
		200	<u>28.00</u>	<u>6.44.00</u>
		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:

Many large barnacles, few sea
anemones, many shells,
few plants seen.

507. SLPNo. 2580Date Sept 4th 1885Tanner Machine. Reel.Turns 81 Cor. 2 Depth 83~~Shot or~~ lead 18 lbsBottom yl. S. bk. Sp.Bottom temperature 43No. of thermometer 53733 Cor. —Corrected temperature 42.4Air 64 Surface 62 Drift 1/4^m W.Trawl or dredge S.B.

SOUNDING WIRE.

DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	<u>8.04 00</u>	<u>8.07 00</u>	0	<u>5.10.00</u>	<u>43 20</u>
	<u>.04.45</u>	<u>8.06 00</u>	100	<u>15.00</u>	<u>40.00</u>
			200	<u>20.00</u>	<u>36.45</u>
			300	<u>25.00</u>	<u>35.00</u>
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
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 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:

Sea urchins, sea anemones, few stars & sculpin, sponges, shells, shrimp, etc.

No. 2581 Date _____

Sigsbee Machine: Reel. _____

Turns 355 Cor. + 39 Depth 3

Shot or lead 35 lb

Bottom gn. M

Bottom temperature Time

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 66 Surface 70 Drift 1/2 W

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8 21.50	
		100	28.05	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 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:

Chironomus tentaculatus
 1 *Chironomus quinque-dens*
 Spring fish *Suctinea*

1111 111111 17ms - slow
 1107

No. 95 Date 11/15

Sigsbee Machine. / Reel.

Turns 264 Cor. + 27 Depth 291

Shot or lead 35 lb

Bottom gn M

Bottom temperature

No. of thermometer dis in trip Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

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
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 2900
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 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. 2582 Date Sept. 18 / 81

Sigsbee Machine. 1 Reel.

Turns 124 Cor. + 13 Depth 237

Shot or lead 35 lb

Bottom gy. m.

Bottom temperature

No. of thermometer 5000 Cor. - .3

Corrected temperature 47.2

Air 60 Surface 58 Drift 1/2 N. E.

Trawl or dredge 300

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>21-50</u>	<u>34.15</u>	0	<u>36. -</u>	<u>3 30. 15</u>
<u>22-00</u>	<u>34.30</u>	100	<u>40. -</u>	<u>25. 15</u>
<u>22-10</u>	<u>34.45</u>	200	<u>44. 30</u>	<u>22. 40</u>
<u>22-20</u>	<u>35.00</u>	300	<u>50. -</u>	<u>3 17. 15</u>
		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:

11/10/10
 1. cepus Bairdii near to
 low

507/1

No. 2583 Date Sept
1883 Machine. 1 Reel.

Turns 120 Cor. + 18 Depth

Shot or lead 35

Bottom gy. s.

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 70 Drift 1/2 SSW

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5 52

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:

Eryonanthus Americanus
 Hermit Crab, Shell worn
 11/27/75

507. SLP

Watch 21 min slow

No. 2584

Date Sept. 19th 1885

Sigsbee Machine. 1 Reel.

Turns 489 Cor. + 52 Depth 541

Shot or lead 35

Bottom gy M. b.

Bottom temperature 40

No. of thermometer 53733 Cor. - .5

Corrected temperature 39.5

Air 71 Surface 72 Drift 1st S.

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6 12 00	28.30
" 13 20	27.30
" 14 25	26.15
15.50	25.00
16.50	23.30
17.30	6, 21.30

0	6, 41.00	24.30
100	45.30	21.10
200	49.15	17.40
300	53.15	14.40
400	57.00	11.00
500	7. 01.20	07.40
600	05.00	04.15
700	09.00	8, 00.30
800	12.30	56.45
900	16.00	7.53.00
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:
 Two crabs, starfish, several
 species of fish, 1 Britail Smit.
 Archæopteryx - 3 or 4.

Watch 21 min. slow

5075 SLP

No. 859 Hyd Date Sept 19th 1885

Sigsbee Machine. 1 Reel.

Turns 596 Cor. 63 Depth 659

~~Shot or lead~~ 35

Bottom hd

Bottom temperature 39 $\frac{1}{4}$

No. of thermometer 53733 Cor. - .5

Corrected temperature 38.8

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 31.00	47.15	0		
32.05	46.15	100		
33.15	45.15	200		
34.30	44.00	300		
35.40	42.30	400		
37.00	41.00	500		
38.40	39.00	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. 860 Hyd Date Sept 19th 1885

Sigsbee Machine. Reel.

Turns 469 Cor. + 50 Depth 519

Shot or lead 35

Bottom gn. M.

Bottom temperature 39.5

No. of thermometer 53733 Cor. -.5

Corrected temperature 39

Air 72 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9	20.00	31.15
	20.45	30.10
	21.40	29.10
	22.45	28.00
	23.50	26.40
	24.20	25.45

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

to top on board 2 boards,
covered with barnacles,
found floating.

From 11:45 to 12:15
to land from line
at 12:15 with trap at 12:15
some fish, trap, small crabs,
some small fish, some of line.

at 14:02:10 fish
returned with Trawl line

	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 SLP Watch 21 min slow

No. 2585 Date Sept. 19th 1885

Sigsbee Machine. 1 Reel.

Turns 490 Cor. + 52 Depth 542

Shot or lead 35

Bottom dk. gy M.

Bottom temperature 39.5

No. of thermometer 53733 Cor. -.5

Corrected temperature

Air 74 Surface 70 Drift $\frac{39}{2}$ m W.

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
26.00	39.45	0	4.08.00	
26.45	39.00	100	14.30	
27.50	38.00	200	18.45	
29.00	37.00	300	22.30	
30.30	35.25	400	26.35	03.40
32.00	34.00	500	30.30	6.00.40
		600	34.00	57.15
		700	37.00	54.45
		800	41.25	51.45
		900	45.00	48.25
		1000	50.00	45.00
		1100	54.30	5.41.00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Caught 3 sharks

1 tank 321 fms of wire rope
 1 L.B. Trawl & net
 1 Bait dredge
 2 glass floats
 2 Thin files. 1 Sheet lead
 1 Trawl weight
 Out off 20 fms. Rinked

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. 214 Date Sept 20 1910

Sigsbee Machine. / Reel.

Turns 72 Cor. + 39 Depth 111

Shot or lead 35 lb

Bottom _____

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 70 Surface 72 Drift _____

Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>7:11</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		1600		
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		1900		
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		2100		
		2200		
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		2400		

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 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. 8624 Date _____
 Machine. 1 Reel.
 Turns 600 Cor. + 60 Depth 715
 Shot or lead _____
 Bottom gy. sh. (M)
 Bottom temperature 39
 No. of thermometer 0 Cor. -.5
 Corrected temperature 38.7
 Air 70 Surface 62 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		

2500
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 3200
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 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:

5000
1840

3160

Time 6:50

S. 86° - E

S + W $\frac{3}{4}$ W

7.27.45

S. 83° . 30'

S S W $\frac{3}{4}$ W

30
3.1413

390
120
30
90

9.2500

96
8800

752
752

36) 827200 (22977
72

107
72

352
324

280
252

280
252

28
36

1760) 22977 (13
1760

5377
5280

97 yds.

$\begin{array}{r} 5 \\ 866 \\ \hline 4134 \end{array}$	$\begin{array}{r} 5 \\ 772 \\ \hline 4228 \end{array}$	$\begin{array}{r} 5 \\ 638 \\ \hline 4362 \end{array}$	$\begin{array}{r} 4 \\ 6 \\ 5486 \\ \hline 4514 \end{array}$
--	--	--	--

$\begin{array}{r} 5 \\ 214 \\ \hline 4786 \end{array}$	$\begin{array}{r} 5 \\ 180 \\ \hline 4820 \end{array}$	$\begin{array}{r} 5 \\ 312 \\ \hline 4688 \end{array}$	$\begin{array}{r} 5 \\ 352 \\ \hline 4648 \end{array}$	$\begin{array}{r} 5 \\ 516 \\ \hline 4482 \end{array}$
--	--	--	--	--

$\begin{array}{r} 5000 \\ 1305 \\ \hline 3695 \end{array}$	$\begin{array}{r} 1293 \\ 3707 \\ \hline \end{array}$	$\begin{array}{r} 11270 \\ 3730 \\ \hline \end{array}$
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$\begin{array}{r} 5000 \\ 1659 \\ \hline 3341 \end{array}$	$\begin{array}{r} 5000 \\ 124 \\ \hline 4876 \\ 4150 \\ \hline 5127 \end{array}$
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$\begin{array}{r} 5000 \\ 1615 \\ \hline 3385 \end{array}$	$\begin{array}{r} 5000 \\ 1615 \\ \hline 3385 \end{array}$
--	--

$\begin{array}{r} 5000 \\ 1782 \\ \hline 3218 \end{array}$	$\begin{array}{r} 5000 \\ 489 \\ \hline 4511 \\ 5000 \\ 2410 \\ \hline 2590 \end{array}$	$\begin{array}{r} 5000 \\ 1231 \\ \hline 3765 \end{array}$
--	--	--

$\begin{array}{r} 4100 \\ 2721 \\ \hline 1877 \end{array}$	$\begin{array}{r} 5000 \\ 469 \\ \hline 4531 \end{array}$	$\begin{array}{r} 5000 \\ 1626 \\ \hline 3374 \end{array}$
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$\begin{array}{r} 21200 \\ 613 \\ \hline 3545 \end{array}$	$\begin{array}{r} 1626 \\ 155 \\ \hline 1781 \end{array}$	$\begin{array}{r} 360 \\ 38 \\ \hline 398 \end{array}$
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$\begin{array}{r} 5000 \\ 375 \\ \hline 4625 \end{array}$

$\begin{array}{r} 311 \\ \hline 82 \end{array}$

5000
3660
340

~~7.19' 35"~~

7.19' 33" p.m.

23° 48' 30"

3
360

7.20' 48" p.m.

23° 46' 00"

55
- 20

35

360 Turn = 400

270 Turn = 300

180 " = 200

90 " = 100

45 " = 50

23 " = 25

Shot - 60 lb - 30 lb

Lead - 35 lb - 25 lb - 10 lb.

58/2 - 600

1		453
2	5000	
3	1873	
4	<hr/>	
5	3107	

Frank

26
4

104

30
40

80

Jane