

N
2654 to 2696

1000 to 1059



C	clay	brk	broken
Co	Coral	cro	coarse
G	Gravel	fine	fine
In.	Indur	hrd	hard
Oz.	ooze	lge	large
P	Pebbles	rkly	rocky
R	Rock	spf-	soft-
S.	Sand	smll	small
Sh	Shells	stlk	sticky
Sp.	Specks	stf.	stiff
St.	Stones		
Fos	Foraminifera		
Glob.	Globigerina		
bk	black	gy	gray
br	brown	li-	light-
blu	blue	rd	red
dk	dark	wh	white
gn	green	yl	yellow

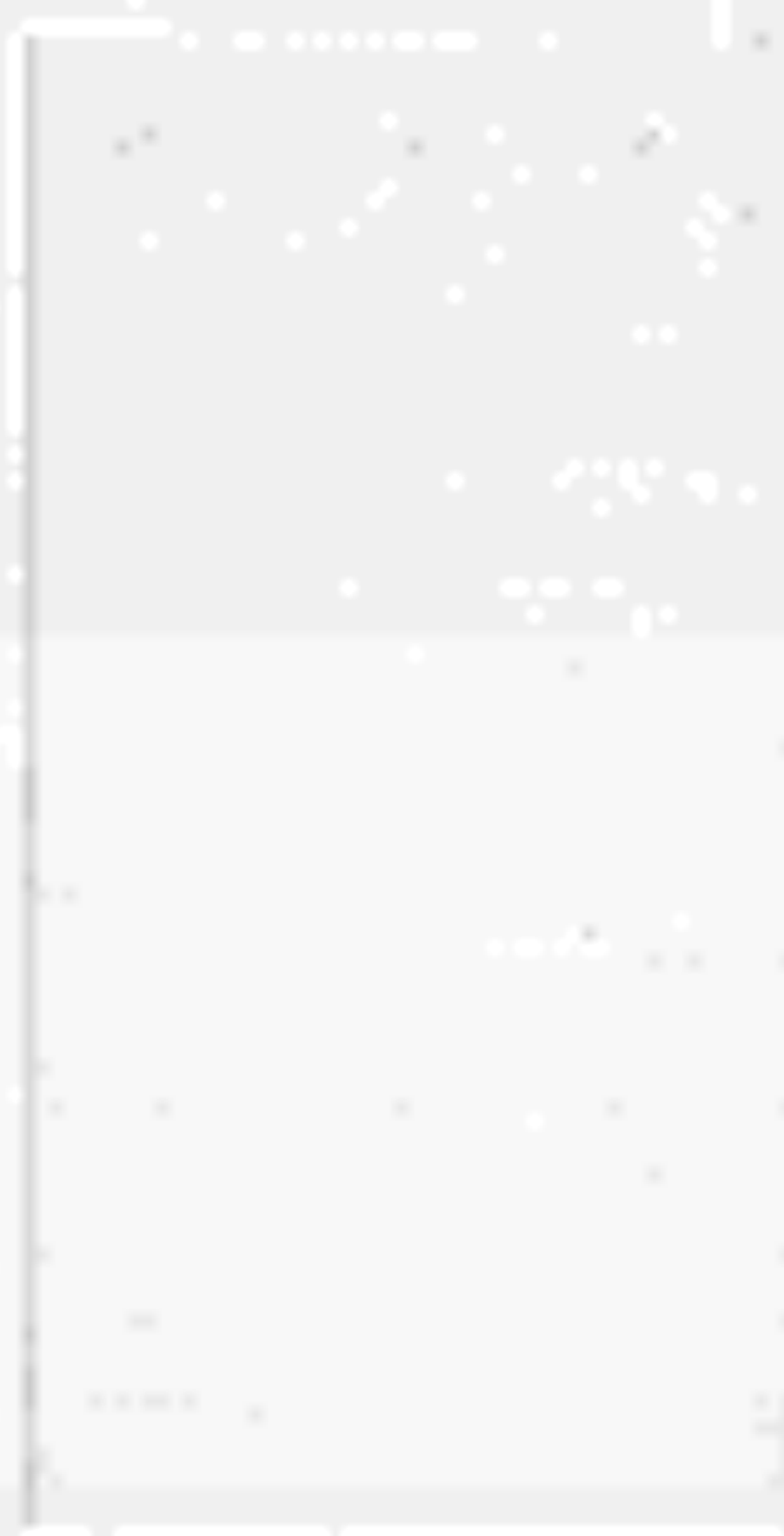
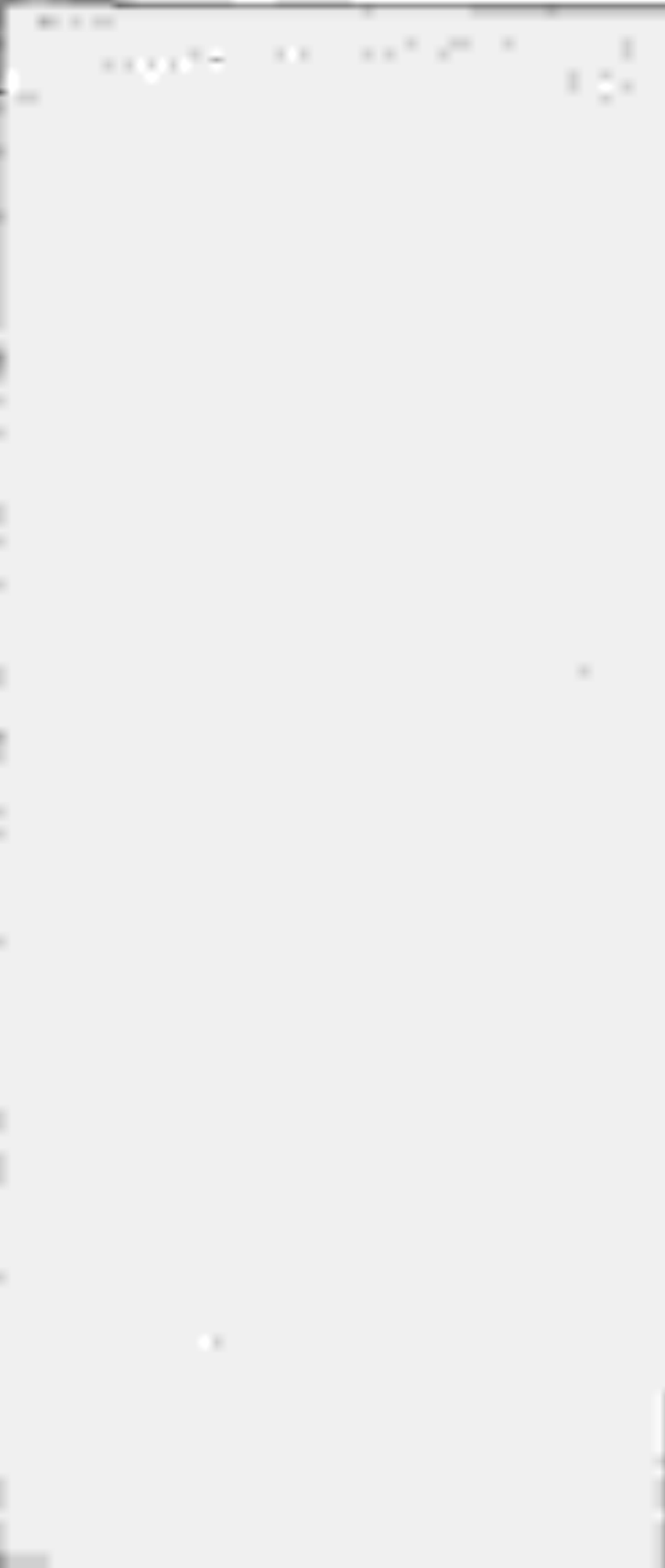


Figure 1

THE UNIVERSITY OF CHICAGO







907
AM

No. 1000 Date *May 1st*

Sigsbee Machine. 2 Reel.

Turns *2615* Cor. + *185* Depth *2800*

Shot or lead *35 lb*

Bottom *br gy.*

Bottom temperature *37*

No. of Thermometer *55731* Cor. *-2*

Corrected temperature *36.8*

Air *75* Surface *77* Drift.

Trawl or dredge or tangles

Cur. C. X S
2
K

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Am</i> 3 47 35	25.10	0		
49.00	24.10	100		
51.00	23.10	200		
52.55	22.00	300		
54.00	21.00	400		
55.00	20.00	500		
56.30	19.00	600		
57.00	18.00	700		
58.25	17.00	800		
59.00	16.00	900		
10 00	15.00	1000		
12.50	14.00	1100		
14 00	13.30	1200		
16.00	11.00	1300		
18.50	09.30	1400		
21.30	08.00	1500		
22.40	06.50	1600		
25.00	04.00	1700		
26.50	03.00	1800		
29.00	01.20	1900		
30.00	59.00	2000		
31.40	57.20	2100		
34.00	55.15	2200		
36.00	52.40	2300		
38.00	49.55	2400		

3.47
5.25
13.8

42.21	4700	2500	
42.20	4600	2600	
42.20	4500	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH,	TEMP.	NO. OF THER.	COR.	COR. TEMP.
10				
20				
300				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. 1001 Date May 12 86

Sigsbee Machine. 2 Reel.

Turns 2581 Cor. + 183 Depth 2764

Shot or lead 35 lb

Bottom gy. S. d.

Bottom temperature 38.5

No. of Thermometer 53731 Cor. - .4

Corrected temperature 38.1

Air 77 Surface 76 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN	UP.	TURNS.	DOWN.	UP.
6.55.00	16.15	0		
56.00	15.30	100		
57.00	14.45	200		
58.00	13.45	300		
59.00	12.50	400		
71.50.00	11.50	500		
01.20	10.50	600		
02.50	09.50	700		
03.50	08.45	800		
06.30	07.30	900		
07.50	06.20	1000	6.5-5	
09.50	05.10	1100	6.1-6	
11.20	03.50	1200	6.1-2	
13.00	02.35	1300		
15.30	01.15	1400		
17.20	09.50	1500		
19.10	08.20	1600		
22.00	06.50	1700		
22.55	05.10	1800		
24.20	03.20	1900		
25.50	02.00	2000		
27.20	00.15	2100		
29.10	11.30	2200		
32.10	09.00	2300		
35.05	05.00	2400		

236.50	272.00	2500	
PT-0	27.20	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE

DEPTH	TEMP.	NO. OF THER.	COR.	COR. TEMP.
05				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1002 Hyd. Date May 1 1886

Sigsbee Machine. 2 Reel.

Turns 2694 Cor. + 79 Depth 2603

Shot or lead 60 lbs.

Bottom br. lo. oz.

Bottom temperature 38.8

No. of Thermometer 52731 Cor. - 7

Corrected temperature 38.4

Air 76 Surface 74 Drift. No cur.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Am

0 12.00	30.30	0		
03.00	28.40	100		
04.00	28.10	200		
05.05	27.35	300		
06.15	27.00	400		
07.30	26.20	500		
08.40	25.30	600		
09.45	24.40	700		
10.45	23.50	800		
11.45	23.50	900		
12.45	23.50	1000		
13.45	23.45	1100		
14.50	23.35	1200		
15.00	23.20	1300		
16.10	23.10	1400		
16.20	23.00	1500		
16.20	22.50	1600		
16.40 16.5	22.40	1700		
17.00	22.30	1800		
17.15	22.25	1900		
17.35	22.15	2000		
17.55	22.05	2100		
18.15	21.55	2200		
18.40	21.45	2300		
19.10	21.30	2400		

18 11 25 20 11 L	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

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

REMARKS.

No. 100345. Date May 1 1880

Sigsbee Machine. 2 Reel.

Turns 2491 Cor. + 179 Depth 2670

Shot or lead 60 lbs.

Bottom br. Co. sp.

Bottom temperature 39.5

No. of Thermometer 53721 Cor. - 4

Corrected temperature 39.1

Air 76 Surface 74 Drift. No cur.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DREDGE ROPE.
12. x	55.05	0	
13. 30	54.30	100	
14. 45	53.50	200	
15. 40	53.15	300	
16. 35	52.35	400	
17. 30	51.50	500	
18. 30	51.00	600	
19. 30	50.10	700	
20. 30	49.15	800	
21. 40	48.15	900	
22. 45	47.10	1000	
23. 55	46.10	1100	
24. 10	45.10	1200	
25. 20	44.10	1300	
26. 30	43.05	1400	
27. 45	42.00	1500	
28. 40	40.50	1600	
29. 30	39.45	1700	
30. 25	38.40	1800	
31. 20	37.30	1900	
32. 20	36.20	2000	
33. 00	35.10	2100	
34. 30	34.00	2200	
35. 10	32.45	2300	
36. 50	31.30	2400	

29.15	30.40	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

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

REMARKS.

No. 1004 Date May 1 1886

Sigsbee Machine. 2 Reel.

Turns 2535 Cor. + 180 Depth 2715

Shot ~~on board~~ 60 lb

Bottom For. 7 les. S.

Bottom temperature 38½

No. of Thermometer 53731 Cor. - 4

Corrected temperature 38.1

Air 76 Surface 73 Drift.

Trawl or dredge or tangles

No current

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.				
4.36.50	34.50	0		
37.45	34.00	100		
38.45	33.23	200		
39.50	32.45	300		
40.55	32.00	400		
42.00	31.20	500		
43.00	30.30	600		
44.05	29.45	700		
45.10	28.55	800		
46.15	28.00	900		
47.30	27.05	1000		
48.40	26.10	1100		
49.50	25.10	1200		
51.00	24.05	1300		
52.15	23.00	1400		
53.30	22.00	1500		
54.45	20.50	1600		
56.00	19.40	1700		
57.15	18.30	1800		
58.30	17.20	1900		
59.45	16.00	2000		
5.01.00	14.40	2100		
02.40	13.20	2200		
04.00	12.10	2300		
05.25	10.50	2400		

06.50	09.00	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

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

REMARKS.

67.

No. 1005 Hyd. Date May 2nd 1886

Sigsbee Machine. 2 Reel.

Turns 866 Cor. + 77 Depth 943

Shot or lead 35 lbs.

Bottom gy. S. bk. sp.

Bottom temperature 39

No. of Thermometer 52731 Cor. -4

Corrected temperature 38.6

Air 69 Surface 72 Drift. No cur.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0. 30.				
12.06	28.45	0		
07.05	28.00	100		
08.15	27.10	200		
09.30	26.20	300		
10.45	25.30	400		
12.05	24.30	500		
13.30	23.30	600		
14.55	22.30	700		
16.30	21.-	800		
17.40	13.20	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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
97				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1006 *Sigsbee*, Date May 2nd 1886Machine. *Sigsbee* Reel. *S*Turns *614* Cor. + *57* Depth *671*Shot or lead *35 lbs.*Bottom *sp. oz.*Bottom temperature *41.5*No. of Thermometer *53731* Cor. *-4*Corrected temperature *41.1*Air *69* Surface *72* Drift.Trawl or dredge or tangles *low 1/2 h. N.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>2 18 30</i>	<i>33 25</i>	0		
<i>19 30</i>	<i>32 45</i>	100		
<i>20 40</i>	<i>32 20</i>	200		
<i>22 30</i>	<i>31 15</i>	300		
<i>23 30</i>	<i>30 25</i>	400		
<i>24 40</i>	<i>29 30</i>	500		
<i>26 00</i>	<i>28 15</i>	600		
<i>26 10</i>	<i>27 00</i>	700		

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

1886

No. 1007 ⁵ Date May 2^d 1886
 Sigsbee Machine. 2 Reel.

Turns 632 Cor. + 58 Depth 690

Shot or lead 35 lbs.

Bottom sp. oz. bk. sp.

Bottom temperature 41.5

No. of Thermometer 53731 Cor. - 4

Corrected temperature 41.1

Air 69 Surface 72 Drift. No cur

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4 18 00	33 25	0		
19 00	32 45	100		
20 00	32 00	200		
21 00	31 10	300		
22 10	30 15	400		
23 25	29 20	500		
24 45	28 20	600		
25 10	4 28 00	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 TEMPERATURE,

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

REMARKS.

No. 1008 Hyd. Date May 2nd 1886

Machine. 2 Reel.

Turns 612 Cor. +57 Depth 669

Shot or lead 35 lbs.

Bottom y. oz. bk. sp.

Bottom temperature 40.3

No. of Thermometer 53731 Cor. -4

Corrected temperature 39.9

Air 71 Surface 73 Drift. No cur.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.25	31.00	0
16.05	30.10	100
17.15	29.25	200
18.25	28.35	300
19.40	27.35	400
21.00	26.30	500
22.25	25.00	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 TEMPERATURE.

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

REMARKS.

No. 2654 Date May 2nd 1886

Sigsbee Machine. 2 Reel.

Turns 604 Cor. + 56 Depth 660

~~Shot or lead~~ 35 lbs

Bottom yel. gy. bk. sp.

Bottom temperature 39.1

No. of Thermometer 53731 Cor. -.4

Corrected temperature 39.3

Air 76 Surface 73 Drift. 7 knts SSW $\frac{3}{4}$ W

Trawl or dredge or tangles Large Beam

No current

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 08 10	20.45	0	8. 20.00	21. 20
09 05	20.05	100	35.20	18. 10
10 00	19.30	200	38.30	15. 30
11 00	18.50	300	41.20	12. 45
12 00	18.00	400	44.00	10. —
13 05	17.05	500	47.20	07. 10
14 15	8.06. —	600	50.55	04. 15
		700	54.00	10. 01. 10
		800	57.45	58. 05
		900	9.01. 15	55. 00
		1000	05.40	52. 10
		1100	09.40	49. 20
		1200	13. 10	46. 10
		1300	17. 20	9.42. 00
		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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained
 Foraminifera, Pteropod shells
 Annelataceae, Fishes, Argonauts
 dead shells

No. Hyd. 1009 Date May 2nd 1886
 Sigbee Machine. 2 Reel.

Turns 605 Cor. + 56 Depth 661

Shot or lead 35

Bottom Leo S. For.

Bottom temperature ^{no record}

No. of Thermometer 53731 Cor.

Corrected temperature

Air 72 Surface 73 Drift.

Trawl or dredge or tangles

No current

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11. 13.00	30.20	0		
14 00	28.55	100		
14 55	27.10	200		
15.50	25.30	300		
16.45	23.50	400		
17.50	22.15	500		
19.00	19.45	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 TEMPERATURE,

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

REMARKS

No. Hyd 1010 Date May 2nd 1886
 Sigbee Machine. 2 Reel.

Turns 607 Cor. + 56 Depth 663

~~Shot or lead~~ 35 lbs

Bottom lt. br. ls. O₂

Bottom temperature 40.1

No. of Thermometer 53731 Cor. - 4

Corrected temperature 40.5

Air 74 Surface 74 Drift.

Trawl or dredge or tangles

No. 53731

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.57.30	10.15	0		
58.25	09.25	100		
59.25	08.40	200		
1.00.15	08.00	300		
01.20	07.20	400		
02.25	06.30	500		
03.40	05.30	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 TEMPERATURE.

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

REMARKS.

No. Hyd 1011 Date May 2nd 1896

Sigsbee Machine. 2 Reel.

Turns 625 Cor. + 57 Depth 682

~~Shot~~ or lead 35 lbs

Bottom

Bottom temperature

No. of Thermometer 53731 Cor.

Corrected temperature

Air 74 Surface 74 Drift.

Trawl or dredge or tangles

No current

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 30.40		0		
31.30		100		
32.25		200		
33.20		300		
34.25	41.10	400		
35.40	40.15	500		
37.00	39.00	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Splice down at 400 turns
 Lost 400 turns of wire,
 1-35 lb. lead, 1 Hg. Thermometer
 1 Trip Case

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

SERIAL TEMPERATURE,

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

REMARKS.

W. H. W.

No. 1012 Date May 2nd 1886

Sigsbee Machine. 2 Reel.

Turns 560 Cor. + 50 Depth 610

Shot or lead 35 lb

Bottom of 1 of 6th sp/10

Bottom temperature 41

No. of Thermometer 54821 Cor. - 3

Corrected temperature 40.8

Air 74 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
3.59.50	11.35	0		
4.01.20	10.55	100		
02.25	10.15	200		
03.25	09.35	300		
04.00	08.45	400		
05.15	07.50	500		
06.50	07.15	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

101

No. 2655 Date May 2nd 86

Sigsbee Machine. 2 Reel.

Turns 310 Cor. + 28 Depth 338

Shot or lead 35-66

Bottom gy. S.

Bottom temperature 47.2

No. of Thermometer 52821 Cor. -.2

Corrected temperature 47.0

Air 72 Surface 76 Drift. S/47m 7 1/2 W X

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.32-00	40.35	0	5.019.00	19.00
33.05	41.00	100	53.00	16.00
34.05	39.00	200	57.00	13.00
35.20	38.20	300	6.00.35	10.00
36.20	37.00	400	04.00	07.00
		500	07.00	04.00
		600	13.00	01.00
		700	16.00	57.50
		800	27.00	53.30
		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 TEMPERATURE,

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

REMARKS

Part of Log

4 species sea urchins
6 species shells
1 very fine coral
1 specimen of sponge
1 specimen of sponge
2 specimens of sponge
1 shell

No. 2656 Date May 3rd 1886
 Sigsbee Machine. 2 Reel.

Turns 528 Cor. + 44 Depth 572

Shot or lead 35

Bottom For.

Bottom temperature 41½

No. of Thermometer 54821 Cor. - 3

Corrected temperature 41.2

Air 69 Surface 71 Drift ½ mile WNW

Trawl or dredge or tangles Large beam

by machine of

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.01.45	17.15	0	5.24.30	24.55
02.40	16.25	100	28.40	22.05
03.45	15.40	200	32.40	19.25
04.55	14.55	300	35.00	16.50
06.10	14.05	400	37.55	14.10
07.25	13.10	500	40.15	11.15
		600	44.55	08.20
		700	48.00	05.20
		800	51.15	7.02.10
		900	54.10	59 -
		1000	57.45	55 -
		1100	6.01.10	50.10
		1200	04.20	45.10
		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 TEMPERATURE,

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

Trawl contained

REMARKS.

A specimen of cells, few stringy
 New species of, *Parasitella*
 and the fishy animal

507.

No. 2657

Date 11/9/20

Sigsbee Machine. 2 Reel.

Turns 499 Cor. + 42 Depth 540

Shot or lead 35 lb

Bottom For

Bottom temperature 45.5

No. of Thermometer 52721 Cor. - .3

Corrected temperature 44.7

Air 71 Surface 73 Drift. 1/2 mi W N W

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8-10-20
20-00
21-05
22-00
23-00
24-10

29-00
28-15
27-30
26-40
26-00
25-00

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

5-30-00
39-00
41-15
45-00
47-00
51-30
55-00
58-30
9-01-30
05-00
08-00
11-02

37-00
33-30
31-00
28-45
25-50
22-00
19-20
15-30
11-00
07-00
15-00-30
9-59-00

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

SERIAL TEMPERATURE,

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

REMARKS

One therm. of Standard
 few feet above surface of
 7.12.1900

507. *DePue*

No. 2658 Date May 28 1886

Sigsbee Machine. 2 Reel.

Turns 175 Cor. + 40 Depth 515

Shot or lead 35 lb

Bottom for 70

Bottom temperature 41.5

No. of Thermometer 54821 Cor. - 3

Corrected temperature 44.07

Air 72 Surface 73 Drift 1/2 mi. *7/10 2 1/2*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-24-30</i>	<i>11-35</i>	0	<i>15-30</i>	<i>16-30</i>
<i>25-30</i>	<i>12-00</i>	100	<i>23-45</i>	<i>03-15</i>
<i>26-35</i>	<i>13-20</i>	200	<i>27-10 2</i>	<i>04-00</i>
<i>27-40</i>	<i>12-35</i>	300	<i>30-15</i>	<i>57-15</i>
<i>28-45</i>	<i>11-55</i>	400	<i>34-00</i>	<i>57-00</i>
<i>29-50</i>	<i>11-20</i>	500	<i>37-00</i>	<i>51-00</i>
		600	<i>41-00</i>	<i>48-00</i>
		700	<i>43-00</i>	<i>46-00</i>
		800	<i>46-20</i>	<i>41-00</i>
		900	<i>49-05</i>	<i>38-00</i>
		1000	<i>52-45</i>	<i>35-00</i>
		1100	<i>56-20</i>	<i>1-11-20</i>
		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 TEMPERATURE.

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

REMARKS.

4000 fathoms. Down to 2000 fathoms
 depth was a strong, 1000 fathoms
 down to 1000 fathoms. 1000 fathoms
 below the depth of 1000 fathoms
 observations

W. H. C. Sigsbee

No. *2659* Date *May 3rd 1886*
Sigsbee Machine. *2* Reel.

Turns *469* Cor. + *40* Depth *509*

Shot or lead *35 lb*

Bottom *br. For.*

Bottom temperature *46'*

No. of Thermometer *56821* Cor. - *2*

Corrected temperature *45.8*

Air *73* Surface *74* Drift. *1 mi. N. W.*

Trawl or dredge or bangles *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-35-25</i>	<i>46-00</i>	0	<i>3-50-10</i>	<i>43-20</i>
<i>36-45</i>	<i>45-00</i>	100	<i>57-100</i>	<i>39-30</i>
<i>37-45</i>	<i>44-00</i>	200	<i>4-00-200</i>	<i>26-30</i>
<i>39-00</i>	<i>43-10</i>	300	<i>03-10</i>	<i>33-20</i>
<i>42-10</i>	<i>42-30</i>	400	<i>06-30</i>	<i>30-15</i>
<i>45-20</i>	<i>41-40</i>	500	<i>09-30</i>	<i>26-45</i>
		600	<i>12-30</i>	<i>23-15</i>
		700	<i>15-45</i>	<i>20-00</i>
		800	<i>19-30</i>	<i>17-00</i>
		900	<i>23-45</i>	<i>13-30</i>
		1000	<i>28-05</i>	<i>09-10</i>
		1100	<i>33-00</i>	<i>5-04-20</i>
		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 TEMPERATURE.

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

REMARKS.

Hyalothurax *Hyalothurax* (very large)
Thurax *Coel*

11
6/27

No. 2660 Date May 3rd 1886

Sigsbee Machine. 2 Reel.

Turns 464 Cor. + 40 Depth 504.

Shot or lead 35 lbs.

Bottom sp. for

Bottom temperature 46

No. of Thermometer 54821 Cor. - 3

Corrected temperature 45^o.7

Air 72 Surface 74 Drift, 1/4 m. N. W.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
47.00	57.10	0	7.00.15	49.30
48.00	56.25	100	05.20	45.40
49.00	55.40	200	11.10	42.10
50.10	54.50	300	14.30	38.50
51.15	54.00	400	17.30	35.30
52.00	53.20	500	20.30	31.30
		600	23.30	27.30
		700	26.30	24.05
		800	29.30	20 -
		900	32.45	15 -
		1000	36.15	10 -
		1100	40.30	08.02.00
		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 TEMPERATURE,

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

REMARKS.

Trawl contained
 1/2 lb. Hair, Shrimp
 Shell, Brivian

567
2661

No. 2661 Date May 21st

Sigsbee Machine. 2 Reel.

Turns 2104 Cor. + 34 Depth 438

Shot or lead 35 lb

Bottom gy s blk s/s

Bottom temperature 40.5

No. of Thermometer 54821 Cor. - .3

Corrected temperature 40.2

Air 70 Surface 75 Drift. / m N N W

Trawl or dredge or tangles Large B...

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 10 00	20 00	0	5 29.00	05 00
11 00	19 00	100	50 00	7 02 00
12 30	18 30	200	58 00	58 20
13 45	17 30	300	41 20	55 00
15 00	16 30	400	44 30	52 00
		500	49 30	49 00
		600	51 10	46 00
		700	54 15	42 00
		800	57 00	37 50
		900	6 01 00	6 32 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 TEMPERATURE,

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

REMARKS

Current of surface
 temperature from the
 1000 to 1500 fathoms
 below

507 S. S. S.

No. 2662 Date May 15 1886

Machine, & Reel.

Turns 400 Cor. + 34 Depth 434

~~Shot or lead~~ 35 lb

Bottom gy S bk sh

Bottom temperature 44

No. of Thermometer 32821 Cor. - 3

Corrected temperature 43.9

Air 72 Surface 75 Drift. 3/4 m. at 1/4 H.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8-06-00	15-20	0	8-19-	29-40
07-00	14-40	100	32-30	27-00
08-10	14-00	200	36-00	24-15
09-30	13-15	300	39-00	21-30
11-00	12-20	400	41-30	18-40
		500	44-05	15-45
		600	46-45	13-45
		700	49-10	09-45
		800	52-20	05-50
		850	54-	02-00
		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 TEMPERATURE,

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

REMARKS.

Large quantity of corals
 several sea urchins

No. 2663 Date May 4 1886

Sigsbee Machine. 2 Reel.

Turns 388 Cor. + 33 Depth 421

Shot or lead 35 lbs.

Bottom br. S.

Bottom temperature 43

No. of Thermometer 54851 Cor. - 3

Corrected temperature 42.7

Air 72 Surface 77 Drift. 3/4 m. S. E.

Trawl or dredge or tangles Large Beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 31 30	41.10	0	10.46-	
32 35	40.30	100	50.-	30-00
33 35	39.45	200	54.05	25.00
34 35	38.55	300	57.20	21.00
35 45	10.37.-	400	11.-30	17.30
		500	04.10	10.40
		600	07.45	06.50
		700	11.25	13.03.00
		800	14.55	59.00
		850	13.30	54.45
		9000	20.15	11.50 30
		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 TEMPERATURE.

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

REMARKS.

Very large quantity of
sand & fine shells

107.

No. 3664 Date May 4, 1886
 Sigbee Machine. 2 Reel.

Turns 343 Cor. + 30 Depth 373

Shot or lead 35 lbs.

Bottom oo S.

Bottom temperature 43

No. of Thermometer 54821 Cor. - 3

Corrected temperature 42.7

Air 74 Surface 75 Drift. 1 m. N.

Trawl or dredge or tangles Large Beam.

Beam, 2 ft. N.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 14 30	2 2 15	0	2.26 -	58.25
15 30	21.35	100	29.10	55.10
16 30	20.50	200	32.15	52.00
17 40	20.00	300	35.15	49.00
18 15	2.19.30	400	38.40	46.00
		500	43.25	42.15
		600	47.15	38.30
		700	50.00	34.45
		800	53.00	3.51 -
		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 TEMPERATURE,

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

REMARKS,

Soft mud, some tubes,
fish fragments and
one octopus.

SLP

567.

No. 2665 Date May 4th 1886

Machine. 2 Reel.

Turns 243 Cor. + 20 Depth 263

~~Shot or lead~~ 30 lbs.

Bottom fine gy. S.

Bottom temperature 45.5

No. of Thermometer 44551 Cor. - 3

Corrected temperature 45.2

Air 75 Surface 76 Drift. 3/4 m. SSE.

Trawl or dredge or beam Large beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.03.40	10.15	0	5.16.00	30.30
04.50	09.25	100	19.20	27.00
06.20	08.45	200	22.50	24.15
		300	26.00	21.20
		400	29.00	18.30
		500	32.00	15.30
		600	35.00	12.30
		650	50.30	6.10.30
		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 TEMPERATURE.

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

Trawl contained

REMARKS.

few spider crabs. Rays. Dog-
fish. Whiting. Molluscs.

No. 2666 Date May 5th 1886
Sigsbee Machine. 2 Reel.

Turns 249 Cor. + 31 Depth 270

Shot or lead 35 lbs.

Bottom gy. S.

Bottom temperature 48.5

No. of Thermometer 54821 Cor. - 2

Corrected temperature 48° 3

Air 70 Surface 74 Drift, 1/4 m. N. E.

Trawl or dredge or tangles Sigsbee Beam.

Case 2100 up 45.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>5.03.00</u>	<u>02.05</u>	0	<u>5.26.-</u>	<u>36.30</u>
<u>04.00</u>	<u>08.20</u>	100	<u>30.30</u>	<u>36.20</u>
<u>05.00</u>	<u>07.35</u>	200	<u>34.30</u>	<u>36.20</u>
<u>05.40</u>	<u>5 07.10</u>	300	<u>39.0</u>	<u>30.15</u>
		400	<u>41.30</u>	<u>27.00</u>
		500	<u>43.30</u>	<u>27.45</u>
		600	<u>45.40</u>	<u>26.20</u>
		700	<u>48.-</u>	<u>26.15</u>
		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 TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	AIR, TEMP.
85				
59				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Siliceous and other sponges
small sea urchins - brownish
sp. small hydroids and sponges
S. sp. Octopus - 1 hour water

No. 2667 Date May 5 1886

Sigsbee Machine. 2 Reel.

Turns 252 Cor. + 21 Depth 273

Shot or lead 35 lbs.

Bottom gy. S. bk. gy.

Bottom temperature 48.9

No. of Thermometer 54821 Cor. - 2

Corrected temperature 48.9

Air 75 Surface 75 Drift. 3/4 m. West

Trawl or dredge or tangles Large Beam

Beam trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.14.30	30.35	0	7.22.15	36.05
15.35	29.50	100	25.45	33.15
16.45	29.00	200	25.15	30.30
17.20	28.20	300	24.15	27.50
		400	24.45	24.50
		500	27.10	21.30
		600	39.40	18.30
		700	42.00	8.15.00
		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 TEMPERATURE,

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

REMARKS.

Althenosoma, Hydroids, Eryponia Corals.
 Sponges, sponges, Ctenophores.
 Fishes - rays, other fishes.

No. 2668 Date May 5th 1886

Sigsbee Machine. 2 Reel.

Turns 270 Cor. + 24 Depth 294

~~Shot or lead~~ 35 lbs.

Bottom gy S. dd. les.

Bottom temperature 46 1/2

No. of Thermometer 54821 Cor. - 2

Corrected temperature 46 3/8

Air 73 Surface 76 Drift. 1/4 knot NNE

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
9 27.00	35.50	0	9 37.00	40.00
28.00	35.00	100	40.25	37.00
29.10	34.10	200	42.30	34.00
		300	45.15	30.45
		400	48.10	27.20
		500	51.20	24.00
		600	54.00	20.10
		700	57.30	10.15.30
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sigsbee 270 turns

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

SERIAL TEMPERATURE,

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

Trawl contained
 REMARKS
 Hydroids, Coral, glass spon-
 ges, brittle stars, Naucurus &
 Hake

No. 2669 Date May 5th 1886
 Sigbee Machine. 2 Reel.

Turns 325 Cor. + 27 Depth 352

~~Shot or lead~~ 35 lbs

Bottom gy. S. dd. Co.

Bottom temperature 44

No. of Thermometer 54821 Cor. - 3

Corrected temperature 43.7

Air 73 Surface 77 Drift $\frac{1}{4}$ knot NNE.

~~Trawl or dredge or tangles~~ Large beam

Current $\frac{1}{4}$ knot NNE

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11.13.50	21.20	0	11.23.30	32.45
14.50	20.30	100	26.20	29.30
15.50	19.40	200	28.40	26.30
16.55	18.40	300	31.10	23.30
		400	33.40	20.00
		500	36.15	15.40
		600	38.45	11.50
		700	41.10	08.00
		800	46.00	12.04.00
		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 TEMPERATURE,

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

Trawl contained

REMARKS.

*Large mass of Coral few corals.
 Hydroids, sea anemones*

No. 2670 Date May 5th 1886

Sigsbee Machine. 2 Reel.

Turns 258 Cor. + 22 Depth 280

~~Shot or lead~~ 35 lbs

Bottom gy. S. dd. Co.

Bottom temperature 44.8

No. of Thermometer 54821 Cor. - 3

Corrected temperature 44.0

Air 73 Surface 74 Drift.

Trawl or dredge or tangles Large beam

Current NNE, set

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
1 42.40	49.25	0	1.52.30	35.00
43.50	48.40	100	55.50	32.25
45.00	48.00	200	58.20	30.00
45.35	47.00	300	2.01. -	27.30
		400	03.35	24.50
		500	06.40	22.15
		600	09.40	2.13.00
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net came up bottom first barrel
 torn; held by middle; stops hauling giving
 runners twisted, frame bent

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

SERIAL TEMPERATURE.

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

REMARKS.

Few glass sponges

5072 Same position as 2670

No. 2671 Date May 5th 1886

Machine. Reel.

Turns Cor. + Depth 280

Shot or lead

Bottom gy S. dd leo.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 77 Drift.

~~Found or dredge in tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	2.45.30	31.50
		100	48.25	26.25
		200	51.15	23.30
		300	53.20	21.-
		400	57.20	18.10
		500	3.00.10	3.15.00
		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 TEMPERATURE,

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

Tangles contained
 REMARKS.
 Large amount of Coral

OPM

No. 1013

Date May 5, 86

regular Machine. 2 Reel.

Turns 258 Cor. + 22 Depth 280

Shot or lead 35 lb

Bottom *no gy S P*

Bottom temperature 50 ²

No. of Thermometer 52821 Cor. - 2

Corrected temperature 50.2

Air 76 Surface 77 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>OPM</i> 0-35 35	41, 20	0		
36-30	40-30	100		
37-25	39-45	200		
38-20	38-20	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 TEMPERATURE,

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

REMARKS.

507 *U.S.N.*

No. 2672 Date May 5/86

Sigsbee Machine. 2 Reel.

Turns 245 Cor. + 32 Depth 277

Shot or lead 35

Bottom crs br s

Bottom temperature 54.2

No. of Thermometer 54821 Cor. - 2

Corrected temperature 54.0

Air 73 Surface 77 Drift $\frac{1}{4}$ m. \rightarrow E 2 E

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-21.5-00	52-00	0	5-58.20	44-20
46-00	51-10	100	57.30	41-10
47-20	50-10	200	59.00	37-30
	49-35	300	6-00.14	34-20
		400	11-30	30-30
		500	12.50	27-30
		600	05.10	24-15
		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 TEMPERATURE.

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

REMARKS.

*Sample in tank
 Coral and for corals*

No. 2673 Date May 6th 1886
 Sigbee Machine, 2 Reel.

Turns 220 Cor. + 20 Depth 240

~~Shot or lead~~ 35 lbs.

Bottom gy. S. bk. sp. tes.

Bottom temperature 51.8

No. of Thermometer 54821 Cor. - 2

Corrected temperature 57.6

Air 72 Surface 77 Drift. $\frac{1}{2}$ N E X E

~~Trawl or dredge or tangles~~ Large beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M.				
5.02.00	09.25	0	5.17.15	03.15
03.05	08.30	100	19.40	6.00.40
04.30	07.30	200	21.30	58
		300	23.45	55-
		400	26.00	52-
		500	28.20	48.50
		600	31.10	44.20
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net came up badly torn. the
 lead line had parted.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No bottom specimens

W. M.

No. 2674 Date *May 6/06*
Lagodon Machine, 2 Reel.

Turns 290 Cor. + 20 Depth 310

Shot or lead 35-16

Bottom gy S bk spha *Shin*

Bottom temperature 46.2

No. of Thermometer 5-5821 Cor. - 2

Corrected temperature 46°

Air 72 Surface 76 Drift. 1/2 m. E.

Trawl or dredge or tangles *Sargassum*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8-33-40	01-20	0	31-48-00	46.25
34-40	40-05	100	47-30	43-15
35-20	39-20	200	50-20	40-10
36-45	38-30	300	52-05	38-00
		400	54-20	35-100
		500	56-15	31-35
		600	58-10	27-25
		700	01-20	25-10
		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 TEMPERATURE.

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

REMARKS.

Trawl on bottom for 20 min from
 One Sta Anemone with hermit
 crab. One large sea anemone
 (*Urticina*) Several small fish
 sp. unknown

U.S.N.

No. 2675 Date May 6th

Machine. 2 Reel.

Turns 301 Cor. + 26 Depth 327

Shot or lead 35 lb

Bottom gy s bk s l s

Bottom temperature 46°

No. of Thermometer 54921 Cor. - 2

Corrected temperature 45.8°

Air 73 Surface 75 Drift. 1/2 E

Trawl or dredge or tangles Lange Be

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-48-20	9-56-00	0	10-01-00	11-02-05
9-49-30	9-55-05	100	10-02-30	10-59-15
9-50-40	9-54-35	200	10-04-55	10-56-30
9-51-50	9-54-00	300	10-07-20	10-53-50
9-53-00	9-53-00	400	10-09-30	10-51-25
		500	10-11-40	10-48-50
		600	10-13-45	10-46-10
		700	10-15-55	10-43-55
		800	10-18-20	10-41-25
		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 TEMPERATURE,

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

REMARKS.

Sea Anemone Hermit crabs
 small fish dead shells
 absence of material small

Y.M.P.

No. *2676* Date *May 6 1886*

Sigsbee Machine. *2* Reel.

Turns *375* Cor. + *32* Depth *407*

Shot or lead *35 lb*

Bottom *gy S gy g.*

Bottom temperature *46*

No. of Thermometer *54821* Cor. - *2*

Corrected temperature *43.8*

Air *73* Surface *77* Drift *1 m. back*

Trawl or dredge or tangles *Large B*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-17-00</i>	<i>15-30</i>	0	<i>12-19-00</i>	<i>17-30</i>
<i>08-20</i>	<i>14-10</i>	100	<i>22-40</i>	<i>47-55</i>
<i>09-20</i>	<i>12-10</i>	200	<i>26-15</i>	<i>45-00</i>
<i>10-30</i>	<i>13-20</i>	300	<i>20-50</i>	<i>42-30</i>
<i>11-30</i>	<i>12-20</i>	400	<i>32-45</i>	<i>39-50</i>
		500	<i>35-30</i>	<i>37-25</i>
		600	<i>37-30</i>	<i>35-00</i>
		700	<i>39-40</i>	<i>32-10</i>
		800	<i>41-50</i>	<i>29-30</i>
		900	<i>43-30</i>	<i>26-35</i>
		1000	<i>46-50</i>	<i>23-10</i>
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

347 m.

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

SERIAL TEMPERATURE.

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

REMARKS.

Contents of Trawl. Numerous fishes -
 Physis, Amphibromus, Macrurus, Lysodes,
 Raja, etc. Quantities of Artichoke, + crabs,
 A few Cephalopods, Shrimps. Pen shells.

Yeffe

No. 2677 Date May 6th 86

Sigsbee Machine. 2 Reel.

Turns = 141 Cor. + 37 Depth 478

Shot or lead 35 lb

Bottom fm Mud.

Bottom temperature 39.6

No. of Thermometer 521821 Cor. - 3

Corrected temperature 39.3

Air 75 Surface 78 Drift. 1/4 m. E.

Trawl or dredge or tangles *Lange's*

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-36-30	45-45	0	24-49-05	37.45
37-40	45-05	100	51-02	35.10
51-45	42-20	200	54-25	32.50
39-00	43-50	300	57-00	30.25
41-05	43-05	400	57-40	28.00
41-30	42-45	500	1-01-30	25.35
		600	1-04-30	23.00
		700	1-06-30	20.15
		800	1-09-05	17.35
		900	1-11-15	14.15
		1000	1-13-40	11.00
		1100	1-15-40	8.00
		1200	1-18-20	4.45
		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 TEMPERATURE,

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

REMARKS

252 runs - 1 tube - 2 large crabs - few
 various ones - squid, octopus, 5 other
 fish - shells - crustaceans
 1000 fms.

No. 2678 Date May 6" 1886
 Sigsbee Machine. 2 Reel.

Turns 676 Cor. + 55 Depth 731

Shot or lead 35 lbs.

Bottom lt. gy. oz.

Bottom temperature 39

No. of Thermometer 54821 Cor. - 3

Corrected temperature 38.7

Air 74 Surface 77 Drift. 1 m. S. 1/2 W.

Trawl or dredge or tangles Large Beans

Cor. 1 m. S. 1/2 W.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 23 00	37. 45	0	5. 42. -	44. 15
24 00	37. 10	100	45. 15	41. 30
25 00	36. 35	200	47. 50	38. 10
26 05	35. 50	300	50. 20	35. 35
27. 20	35. 05	400	53. 00	33. 10
28 40	34. 10	500	55. 15	30. 40
30 00	33. 20	600	57. 25	28. 00
31 10	32. 30	700	59. 50	25. 35
		800	6. 02. 45	23. 15
		900	06. 05	20. 50
		1000	09. 25	18. 30
		1100	12. 00	16. 15
		1200	15. 00	13. 45
		1300	18. 00	10. 45
		1400	21. 05	07. 40
		1500	24. 25	04. 15
		1600	29. -	7. 01. -
		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 TEMPERATURE.

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

REMARKS.

1. Lower water - 1000 yds.
 and 3 1/2 miles

No. 2679 Date May 6th 1886
 Sigsbee Machine. 2 Reel.

Turns 723 Cor. + 59 Depth 782

Shot or lead 35 lbs

Bottom lt. gy. oz.

Bottom temperature 38.9

No. of Thermometer 54821 Cor. - 3

Corrected temperature 38.6

Air 72 Surface 75 Drift, 1/2 m. SW

Trawl or dredge or tangles Large Beam

Beam 1 1/2 m. SW

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.51.15	07.50	0	8 14 -	37.00
52.15	07.15	100	17.30	32.30
53.15	06.35	200	20.20	27.30
54.25	05.50	300	23.00	22.30
55.40	05.05	400	25.40	18.00
57.00	04.15	500	28.40	12.45
58.30	03.15	600	33.30	07.20
8.00.00	02.15	700	37.05	11.00 -
00.30	8.02.00	800	41.10	49.30
		900	44.50	44.30
		1000	48.05	39.30
		1100	51.20	36.00
		1200	54.30	32.00
		1300	57.35	28.20
		1400	9 01 -	23.40
		1500	05.30	19.30
		1600	10.00	15.40
		1700	14.15	12.30
		1800	18.30	09.20
		1900	22.00	06.15
		2000	26.00	10.02.30
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

Flat surface of horizon.
 Holothurion Foraminifera
 Cap coral etc.

1897 *AM*

No. 2680 Date July 16 1886

Sigsbee Machine. 2 Reel.

Turns 52 Cor. + 43 Depth 555

Shot or lead 35 lb

Bottom

Bottom temperature

No. of Thermometer 34821 Cor.

Corrected temperature

Air 75 Surface 73 Drift. $\frac{1}{2}$ mi. SSE $\frac{1}{4}$ E

Trawl or dredge or tangles *L B beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9 35-00		0	9-27-00	16 00
04-15	19-15	100	31-00	12 30
05-20	18-20	200	37-35	09 30
06-20	17-40	300	42-00	17-25
08-00	16-10	400	45-30	03-40
10-20	09-15-00	500	48-00	11-00-00
		600	51-45	08-00
		700	56-30	10-00
		800	10-01-00	45-10
		900	04-00	40-00
		1000	10-00	30-10
		1100	11-20	10-29-00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Shot. Key for Thermometer
 Operation on ship and amount shot
 1 Toward without case.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

Microscopic examination, Halopodidion in side
 Leptocylindrus foetidus, L. in side
 Diptera-like Cyclopora, - L. in side
 Geophilacanthus papillatus, L. in side
 Amphipoda - D. in side - L. in side
 Cyclopora - L. in side

No. 2881

Date July 16 of 1886

Machine 2 Reel.

Turns 216 Cor. + 74 Depth 990

Shot or lead 35 lb

Bottom gn M

Bottom temperature 38.5

No. of Thermometer 53738 Cor. - 3

Corrected temperature 38.5

Air 75 Surface 73 Drift. 1 m. S. E.

Trawl or dredge or tangles Large Brown

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-25.00	50.20	0	12-55.00	41.00
26.00	49.45	100	11.05.15	37.30
27.45	48.20	200	06.30	34.25
29.15	47.25	300	10.15	31.15
29-33	46.45	400	14.15	28.20
31.00	45.45	500	18.00	25.30
32.30	45.00	600	23.00	22.30
34.10	44.00	700	27.00	19.30
35.10	42.30	800	31.00	15.30
35.15	41.00	900	34.00	11.00
		1000	37.30	4.00.30
		1100	40.30	32.00
		1200	44.15	42.30
		1300	48.30	37.00
		1400	52.20	32.00
		1500	56.15	3. 27.00
		1600	57.20	21.15
		1700	2.00.00	3. 17.00
		1800	02.40	50.30
		1900	07.00	50.00
		2000	11.00	2. 45.00
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

Halophryxus nola - *Benthonites*
tryploceras - *Carapinus* -
Heterosaurus maculatus - *Octopus*
Hydrobia fragilis - *Salinus* - *Mytilus*
Urosalpinx - *Platystrophia* - *Urosalpinx*
 Bell's sea spider

No. 2682 Date July 16 1881
Machine. Reel.

Turns 930 Cor. + 74 Depth 1004

Shot or lead 35 lb

Bottom gn. M. S.

Bottom temperature 38.5

No. of Thermometer 53738 Cor. - 3

Corrected temperature 38.2

Air 75 Surface 73 Drift. 1/2 S 80° E

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
52.30	23.35	0	5.28 -	26.50
54.00	21.45	100	23.10	23.50
55.30	20.50	200	26.00	20.15
57.15	20.00	300	40.15	16.50
58.00	19.00	400	44.25	13.10
03.45	17.55	500	50.50	08.00
04.55	16.50	600	54.50	04.50
05.15	15.50	700	59.15	01.40
07.45	14.45	800	5.03.30	58.05
09.45	13.25	900	07.45	55.30
10.10	5.13.00	1000	11.50	47.20
		1100	15.00	42.00
		1200	19.45	36.00
		1300	23.15	29.00
		1400	25.50	24.30
		1500	29.20	20.00
		1600	32.30	7.15.10
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over surface net at
8:35
Took in surface net at 9:13

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

SERIAL TEMPERATURE.

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

REMARKS.

Chromophrys vicia *Chlorococcus* *Micrococcus*
Conchococcoides - *Pteridodryales* - *Chloro-*
trixium *Lernaei* *Filina* *Sarcocystis*
to other sea urchins - coral

507. *W. A. M.*

No. *2683* Date *July 17 1886*

Sigsbee Machine. *2* Reel.

Turns *820* Cor. + *67* Depth *887*

Shot or lead *35 lb*

Bottom *br g.*

Bottom temperature *39.*

No. of Thermometer *53738* Cor. *-.3*

Corrected temperature *38.7*

Air *73* Surface *71* Drift, *1 M. 12 1/2 S*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>41. 30. 00</i>	<i>57. 00</i>	0	<i>51. 24. 30</i>	<i>42. 00</i>
<i>32. 00</i>	<i>56. 00</i>	100	<i>10. 00</i>	<i>39. 00</i>
<i>34. 00</i>	<i>55. 20</i>	200	<i>10. 00</i>	<i>36. 30</i>
<i>36. 00</i>	<i>54. 30</i>	300	<i>18. 00</i>	<i>53. 30</i>
<i>37. 30</i>	<i>53. 15</i>	400	<i>23. 00</i>	<i>31. 00</i>
<i>39. 30</i>	<i>52. 15</i>	500	<i>27. 00</i>	<i>28. 00</i>
<i>41. 00</i>	<i>51. 30</i>	600	<i>31. 00</i>	<i>25. 10</i>
<i>41. 30</i>	<i>51. 30</i>	700	<i>35. 00</i>	<i>22. 30</i>
<i>42. 40</i>	<i>50. 30</i>	800	<i>39. 00</i>	<i>19. 35</i>
<i>43. 00</i>	<i>49. 35</i>	900	<i>42. 30</i>	<i>16. 30</i>
<i>44. 00</i>	<i>48. 30</i>	1000	<i>45. 35</i>	<i>14. 10</i>
		1100	<i>49. 30</i>	<i>11. 30</i>
		1200	<i>52. 15</i>	<i>08. 30</i>
		1300	<i>53. 30</i>	<i>05. 30</i>
		1400	<i>6. 00. 00</i>	<i>02. 30</i>
		1500	<i>03. 10</i>	<i>00. 00</i>
		1600	<i>34. 00</i>	<i>56. 00</i>
		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 TEMPERATURE.

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

REMARKS.

Cyrtocombus - 3 on bottom
Water haul

No. 3684 Date July 27 1886

Machine. 2 Reel.

Turns 1025 Cor. + 81 Depth 1106

Shot or lead 35

Bottom 39.

Bottom temperature 64 C 160 fms

No. of Thermometer 53738 Cor. - 3

Corrected temperature 38.7

Air 73 Surface 72 Drift. 1/2 m. S 5 E

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
2 00.00	10.00	0	6.18.45	50.00
25.15	09.00	100	24.30	45.10
26.25	08.10	200	30.45	40.30
27.30	07.15	300	35.45	40.10
28.45	06.20	400	39.45	37.50
29.55	05.30	500	42.45	34.00
32.10	04.20	600	45.00	31.00
33.00	03.15	700	49.15	28.00
34.45	02.15	800	52.30	24.45
35.45	01.05	900	55.10	21.45
37.30	07.45	1000	58.00	18.45
38.00	09.30	1100	9.01.30	15.30
		1200	04.15	12.15
		1300	07.15	08.40
		1400	10.05	05.00
		1500	14.30	11.01.10
		1600	17.20	57.15
		1700	20.30	53.10
		1800	24.00	48.45
		1900	27.45	44.30
		2000	31.00	40.00
		2100	35.15	36.00
		2200	38.00	10.32.00
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Stegocephalus - *Sora* *Trachostomus*
Caloglyphus - *Masturus* - *Eupha*
zoides *Siphon* *avoungensis*
Aphronasium abundant *abundant*
Conchodites

No. 2685 Date July 17th 1886.

Sigsbee - Machine. 2. Reel.

Turns 1055 Cor. + 82 Depth 1137

Shot or lead 35 $\frac{1}{2}$

Bottom gm. M. wh. sp.

Bottom temperature 38.2

No. of Thermometer 53738 Cor. - 3

Corrected temperature 37.9

Air 74 Surface 73 Drift. $\frac{1}{2}$ m. S.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
21 30	56.10	0	1.59 -	54.00
22 40	55.20	100	2.05 10	50.30
23 50	54.45	200	11.50	48.00
24 05	53.55	300	15.00	45.15
24 20	53.00	400	18.25	42.20
24 35	51.50	500	21.30	39.35
24 50	50.40	600	24.15	37.00
25 05	49.30	700	27.00	34.25
25 20	48.15	800	29.00	31.50
25 35	47.00	900	32.05	29.00
25 50	45.35	1000	36.15	26.10
26 15	45.00	1100	39.40	23.15
		1200	43.50	20.15
		1300	46.00	17.25
		1400	48.50	14.25
		1500	51.45	11.30
		1600	55.00	09.00
		1700	58.45	06.40
		1800	02.30	03.30
		1900	05.30	4.00.45
		2000	09.00	3.55.00
		2100		
		2200		
		2300		
		2400		

Put over surface net at 6:30 Hauled in at 7:05	Put over surface net at 7:10 Hauled in at 7:40	2500	Put over surface net at 7:45
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
3500			
3600			
3700			
3800			
3900			
4000			

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
	Surface 71			
25	54 ³	54823	-1	54 ²
50	54	53738	-2	53 ⁸
100	52 ⁴	50306	-2	52 ²
200	46 ¹	50312	-3	40 ⁸
300	41 ⁶	52732	-2	40 ⁴
400	40 ⁴	53738	-3	40 ¹
500	39 ⁸	54822	-4	39 ⁴
600	39 ²	54823	-1	39 ¹
700		54820		
800	38 ⁷	54819	-5	38 ²
900		57258		
1000	39	54824	-5	38 ⁵

REMARKS,

Lycopods, Naucurus asper
Haloporphyrus, Plectonurus
Aegypschoides, Parapinus
Stomatid - Anabathrus - Catopus

No. 745.1014 Date July 18th 1886.

Sigsbee Machine. 2 Reel.

Turns 53 Cor. + 5 Depth 58

Shot or lead 35 lbs.

Bottom br. S. sh.

Bottom temperature 53.3

No. of Thermometer 54820 Cor. -.2

Corrected temperature 53.1

Air 72 Surface 71 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3 05 30

0

06. -

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 TEMPERATURE.

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

REMARKS.

No. *1015* Date *July 18th 1856**Sigsbee* Machine. *2* Reel.Turns *109* Cor. + *10*Depth *119*Shot or lead *35 lbs.*Bottom *gn. M.*Bottom temperature *51.2*No. of Thermometer *5482.0* Cor. *-.2*Corrected temperature *51°*Air *72* Surface *71* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.43.00 *3.49.00*

0

44.30

100

44.30

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 TEMPERATURE.

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

REMARKS.

No. 2686 Date July 18th 1880

Machine. 2 Reel.

Turns 208 Cor. + 18 Depth 226

Shot or lead 35 lbs.

Bottom gm. M.

Bottom temperature 43.3

No. of Thermometer 54820 Cor. - .2

Corrected temperature 43.1

Air 72 Surface 71 Drift. 3 1/2 m. N. by E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.19.30	25.50	0	4.31.00	24.50
21.15	25.00	100	39.45	22.00
22.30	4.24.00	200	42.20	19.15
		300	45.15	16.30
		400	48.10	14.45
		500	51.00	5.12.15
		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 TEMPERATURE.

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

REMARKS.

2500 - 2500
 Octopus - 1000 - 2000
 Abalone -

No. *1645.1016* Date *July 18th 1886.*

Sigsbee Machine. *2* Reel.

Turns *200* Cor. *+ 18* Depth *218*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *43.9*

No. of Thermometer *34820* Cor. *- 2*

Corrected temperature *43.7*

Air *73* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5 26.45 *34.00* 0

28.00 *32.10* 100

29.30 *5.30.30* 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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THERM.	COR.	COR. TEMP.
25				
37				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. *2687* Date *July 18th 86*
Sigsbee Machine. *S* Reel.

Turns *300* Cor. + *26* Depth *326*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *40.4*

No. of Thermometer *54850* Cor. - *2*

Corrected temperature *40.2*

Air *73* Surface *72* Drift. *3/4 m. W. 1/2 m. S.*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.01.00</i>	<i>08.15</i>	0	<i>6.12.-</i>	<i>14.00</i>
<i>01.35</i>	<i>07.20</i>	100	<i>17.15</i>	<i>11.15</i>
<i>03.00</i>	<i>06.30</i>	200	<i>20.25</i>	<i>08.10</i>
<i>04.25</i>	<i>6.05.30</i>	300	<i>23.20</i>	<i>05.20</i>
		400	<i>26.00</i>	<i>03.40</i>
		500	<i>28.30</i>	<i>7.01.05</i>
		600	<i>30.15</i>	<i>6.57.-</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS

Temperature - 25.00 - 10.00
 time - 10.00 - 10.00
 Pressure

No. 2688 Date July 18th 1886

Sigsbee Machine. 2 Reel.

Turns 594 Cor. + 50 Depth 644

Shot or lead 35 lbs.

Bottom gn. sb.

Bottom temperature 38.8

No. of Thermometer 54820 Cor. - .2

Corrected temperature 38.6

Air 73 Surface 71 Drift. 1^m SW X W

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.56.30	11.50	0	8.17.30	59.00
57.40	11.00	100	20.45	56.20
58.45	10.10	200	23.45	53.35
8.01.00	09.15	300	26.45	51.00
02.10	08.15	400	30.00	48.15
03.25	07.15	500	33.00	45.35
04.45	06.15	600	36.00	43.00
		700	39.00	40.05
		800	42.00	37.10
		900	45.00	34.20
		1000	48.00	31.30
		1100	51.30	29.00
		1200	54.30	7.25.30
		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 TEMPERATURE.

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

REMARKS.

few *Macrurus* Bairdii 2
Synaptobranchus 1
Scopelus 1

567.

No. 2689 Date July 18th 1886

Sigsbee Machine. 2 Reel.

Turns 484 Cor. + 41 Depth 525

~~Shot or lead~~ 35 lbs

Bottom gn M.

Bottom temperature 39

No. of Thermometer 54820 Cor. -.2

Corrected temperature 38.8

Air 73 Surface 72 Drift. 2^m NW.

Trawl or dredge or tangles L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.01.00	15.00	0	10 18 00	05.30
.01 55	14.00	100	22.10	12.12.35
03.00	12.45	200	25.15	59.50
04.00	10.40	300	28.30	57.00
05.05	09.10	400	31.30	53.45
06.00	08.05	500	34.30	51.15
		600	37.30	48.30
		700	40.40	45.50
		800	43.40	43.15
		900	46.30	40.45
		1000	49.15	37.45
		1100	52.45	34.00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net came up badly torn; no specimens

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	RED. TEMP.
25				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS,

No. 21690 Date July 18th 1886

Sigsbee Machine. 2 Reel.

Turns 593 Cor. + 50 Depth 643

~~Shot or lead~~ 35 lbs.

Bottom gn. M.

Bottom temperature 39°

No. of Thermometer 54820 Cor. - 2

Corrected temperature 38°2

Air 75 Surface 73 • Drift. 1^m SW

Trawl or dredge or tangles L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
12.52.15	06.05	0	1.12.15	43.50
53.10	04.55	100	19.00	26.15
54.10	04.10	200	23.30	23.00
55.10	03.10	300	27.15	19.30
56.15	02.20	400	30.45	15.45
57.30	01.20	500	34.25	12.15
58.45	1.00.15	600	37.45	08.25
		700	41.05	3.03.30
		800	44.15	59.15
		900	47.30	55.15
		1000	51.10	50.45
		1100	55.00	45.45
		1200	2.00.00	41.15
		1300	04.30	2.36.00
		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 TEMPERATURE,

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

REMARKS.

Trawl contained
Macrurus *Beidii*, many
Sinemichys *flavica* on
Cottus *caeruleus* *torosus* - *Thomomys*
vialis *periphyllus* *vialis* *Thomomys*
Synsphyronchus *pinnatus*

No. 2691 Date July 18, 1896

Machine. 2 Reel.

Turns 772 Cor. + 63 Depth 835

Shot or lead 35 lb

Bottom gy. M.

Bottom temperature 38.8

No. of Thermometer 54820 Cor. - 2

Corrected temperature 38.6

Air 75 Surface 73 Drift. 1/2 m. N. W.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
28.30	47.35	0	57.15.00	38.40
29.30	47.35	100	24.00	35.30
30.35	46.35	200	21.20	32.45
31.40	45.32	300	32.10	30.30
32.40	44.30	400	35.20	27.15
34.50	43.15	500	37.00	24.20
35.40	42.00	600	42.25	21.35
37.00	40.35	700	45.30	18.30
38.00	39.45	800	49.15	15.20
		900	52.40	12.30
		1000	56.00	9.45
		1100	57.25	05.30
		1200	6.03.00	02.15
		1300	06.30	58.00
		1400	11.15	54.00
		1500	12.20	51.30
		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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	54.4	52732	-.3	54.1
50	55	54820	-.2	54.8
100	52.3	54823	-.1	52.2
200	48.	54822	-.4	47.6
300	41.	53738	-.3	40.7
400	40.4	57238	-.4	40.
500	40.	54824	-.1	39.9
600				
700				
800				
900				
1000				

REMARKS.

1 sp. *Dinos rufus* - *Calanus hyperboreus* side
Syngnathus - *Lucania* - *Muraena*
Bombus - *Coryphæus* - *Leptocottus*
Chirocentrus - *Dentatus*

610
507.

No. *Hyd. 1017* Date *August 3 1880*
Sigsbee Machine. *3* Reel.

Turns *2083* Cor. + *141* Depth *2224*

Shot or lead *60 lbs.*

Bottom *br. Gy. S.*

Bottom temperature *37.5*

No. of Thermometer *54824* Cor. *-8*

Corrected temperature *32.7*

Air *68* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.10</i>	<i>10.30</i>	0		
<i>10.50</i>	<i>09.45</i>	100		
<i>11.50</i>	<i>08.45</i>	200		
<i>12.00</i>	<i>07.50</i>	300		
<i>14.00</i>	<i>07.00</i>	400		
<i>15.00</i>	<i>06.00</i>	500		
<i>15.10</i>	<i>04.55</i>	600		
<i>17.30</i>	<i>03.40</i>	700		
<i>18.30</i>	<i>02.15</i>	800		
<i>19.35</i>	<i>01.05</i>	900		
<i>20.45</i>	<i>59.30</i>	1000		
<i>22.00</i>	<i>58.00</i>	1100		
<i>23.20</i>	<i>55.15</i>	1200		
<i>24.45</i>	<i>53.50</i>	1300		
<i>25.10</i>	<i>52.20</i>	1400		
<i>27.20</i>	<i>50.45</i>	1500		
<i>28.45</i>	<i>48.10</i>	1600		
<i>30.10</i>	<i>47.45</i>	1700		
<i>31.45</i>	<i>45.15</i>	1800		
<i>32.15</i>	<i>42.00</i>	1900		
<i>34.15</i>	<i>40.00</i>	2000		
<i>35.55</i>	<i>38.15</i>	2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1018* Date *Aug. 3rd 1886**Sigsbee* Machine. 2 Reel.Turns *2785* Cor. + *166* Depth *2951*.Shot ~~on total~~ *60 lbs.*Bottom *br ~~gy~~ gy*Bottom temperature *37*No. of Thermometer *54824* Cor. *-5*Corrected temperature *36.5*Air *68* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6 12.30</i>	<i>21.25</i>	0		
<i>23.45</i>	<i>20.25</i>	100		
<i>24.45</i>	<i>19.25</i>	200		
<i>25.45</i>	<i>18.30</i>	300		
<i>27.00</i>	<i>17.35</i>	400		
<i>28.25</i>	<i>16.35</i>	500		
<i>30.00</i>	<i>15.35</i>	600		
<i>31.25</i>	<i>14.30</i>	700		
<i>32.45</i>	<i>13.30</i>	800		
<i>34.30</i>	<i>12.35</i>	900		
<i>35.45</i>	<i>11.40</i>	1000		
<i>36.45</i>	<i>10.40</i>	1100		
<i>38.00</i>	<i>09.40</i>	1200		
<i>39.30</i>	<i>08.25</i>	1300		
<i>41.00</i>	<i>07.10</i>	1400		
<i>42.35</i>	<i>06.00</i>	1500		
<i>44.00</i>	<i>05.30</i>	1600		
<i>45.45</i>	<i>04.05</i>	1700		
<i>47.20</i>	<i>03.30</i>	1800		
<i>48.45</i>	<i>02.10</i>	1900		
<i>51.30</i>	<i>01.30</i>	2000		
<i>7. 16.10</i>	<i>53.25</i>	2100		
<i>18.45</i>	<i>54.15</i>	2200		
<i>21.05</i>	<i>52.30</i>	2300		
<i>24.30</i>	<i>50.40</i>	2400		

2 28.00	415.30	3500	
3 0.50	46.20	3600	
33-30	41.20	3700	
36.55	7.2.00	3800	
		3900	
		4000	
		4100	
		4200	
		4300	
		4400	
		4500	
		4600	
		4700	
		4800	
		4900	
		4000	

SERIAL TEMPERATURE,

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

REMARKS.

108
607.

No. *Hyd. 1019* Date *August 4th 1886*

Sigsbee Machine. *2* Reel.

Turns *2420* Cor. + *155* Depth *2575*

Shot or lead *60 lbs.*

Bottom *gy. s. br. G.*

Bottom temperature *38*

No. of Thermometer *54824* Cor. *-.7*

Corrected temperature *37.3*

Air *68* Surface *73* Drift.

Trawl or dredge or tangles *Cur. N. H. 1 lb.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.00.00</i>	<i>09.20</i>	<i>0</i>		
<i>00.50</i>	<i>08.15</i>	<i>100</i>		
<i>01.50</i>	<i>07.20</i>	<i>200</i>		
<i>02.50</i>	<i>06.20</i>	<i>300</i>		
<i>03.50</i>	<i>05.15</i>	<i>400</i>		
<i>05.00</i>	<i>04.10</i>	<i>500</i>		
<i>06.15</i>	<i>03.00</i>	<i>600</i>		
<i>07.20</i>	<i>01.55</i>	<i>700</i>		
<i>08.30</i>	<i>2.00.45</i>	<i>800</i>		
<i>09.40</i>	<i>59.30</i>	<i>900</i>		
<i>10.55</i>	<i>58.20</i>	<i>1000</i>		
<i>12.00</i>	<i>57.00</i>	<i>1100</i>		
<i>13.20</i>	<i>55.40</i>	<i>1200</i>		
<i>14.30</i>	<i>54.30</i>	<i>1300</i>		
<i>16.00</i>	<i>53.15</i>	<i>1400</i>		
<i>17.25</i>	<i>51.45</i>	<i>1500</i>		
<i>18.50</i>	<i>50.10</i>	<i>1600</i>		
<i>20.15</i>	<i>48.45</i>	<i>1700</i>		
<i>21.30</i>	<i>47.15</i>	<i>1800</i>		
<i>23.00</i>	<i>45.20</i>	<i>1900</i>		
<i>24.35</i>	<i>44.00</i>	<i>2000</i>		
<i>26.20</i>	<i>42.30</i>	<i>2100</i>		
<i>28.00</i>	<i>41.10</i>	<i>2200</i>		
<i>30.00</i>	<i>39.45</i>	<i>2300</i>		
<i>32.00</i>	<i>1.38.30</i>	<i>2400</i>		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 10401020 Date August 4 1886
 Sigsbee Machine, 2 Reel.

Turns 2191 Cor. + 146 Depth 2337

Shot or lead 60 lbs.

Bottom G.B. oz. + S.

Bottom temperature

No. of Thermometer 54824 Cor.

Corrected temperature

Air 67 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.40.30	40.15	0		
41.30	39.25	100		
42.30	38.30	200		
43.30	37.40	300		
44.30	36.40	400		
45.40	35.40	500		
46.45	34.35	600		
47.55	33.30	700		
49.10	32.25	800		
50.30	31.20	900		
51.45	30.00	1000		
53.00	28.45	1100		
54.25	27.30	1200		
55.45	26.20	1300		
57.20	25.00	1400		
58.50	23.30	1500		
7.00.20	22.20	1600		
01.45	20.30	1700		
03.20	19.15	1800		
04.50	17.30	1900		
06.30	15.45	2000		
08.30	13.30	2100		
10.10	12.20	2200		

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hyd 1021* Date *August 4th 1886*
Sigsbee Machine. 2 Reel.

Turns *1792* Cor. + *127* Depth *1919*

Shot ~~35 lb~~ *60 lbs*

Bottom *ll - b2 - Og.*

Bottom temperature *38*^{*2*}

No. of Thermometer *54824* Cor. *-7*

Corrected temperature

Air *70* Surface *67* ^{*37.5°*} *Surf* Drift. *71 W. 1 K*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>27.20</i>	<i>08.00</i>	0		
<i>28.25</i>	<i>07.55</i>	100		
<i>29.35</i>	<i>07.45</i>	200		
<i>30.55</i>	<i>07.35</i>	300		
<i>32.00</i>	<i>07.30</i>	400		
<i>33.00</i>	<i>07.25</i>	500		
<i>34.00</i>	<i>07.20</i>	600		
<i>35.00</i>	<i>07.15</i>	700		
<i>36.00</i>	<i>07.10</i>	800		
<i>37.30</i>	<i>07.05</i>	900		
<i>38.45</i>	<i>10.00.00</i>	1000		
<i>39.55</i>	<i>59.55</i>	1100		
<i>41.20</i>	<i>59.50</i>	1200		
<i>42.35</i>	<i>59.45</i>	1300		
<i>43.55</i>	<i>59.40</i>	1400		
<i>45.05</i>	<i>59.35</i>	1500		
<i>46.20</i>	<i>59.30</i>	1600		
<i>47.30</i>	<i>59.25</i>	1700		
<i>48.30</i>	<i>59.20</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hyd 1022* Date *August 4th 1886**Sigsbee* Machine. *2* Reel.Turns *1805* Cor. + *127* Depth *1932*Shot ~~or lead~~ *60 lbs*Bottom *lt. br. Oz.*Bottom temperature *38.4*No. of Thermometer *54824* Cor. *-7*Corrected temperature *37.7*Air *70* Surface *64* *curr.* Drift. *NW. 1 Kt*

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1.50.00</i>	<i>36.10</i>	<i>0</i>		
<i>51.30</i>	<i>35.20</i>	<i>100</i>		
<i>52.25</i>	<i>34.45</i>	<i>200</i>		
<i>53.30</i>	<i>34.00</i>	<i>300</i>		
<i>54.30</i>	<i>33.05</i>	<i>400</i>		
<i>55.45</i>	<i>32.15</i>	<i>500</i>		
<i>57.00</i>	<i>31.20</i>	<i>600</i>		
<i>58.20</i>	<i>30.20</i>	<i>700</i>		
<i>59.30</i>	<i>29.30</i>	<i>800</i>		
<i>2.01.00</i>	<i>28.30</i>	<i>900</i>		
<i>02.15</i>	<i>27.30</i>	<i>1000</i>		
<i>03.30</i>	<i>26.30</i>	<i>1100</i>		
<i>04.50</i>	<i>25.25</i>	<i>1200</i>		
<i>06.05</i>	<i>24.25</i>	<i>1300</i>		
<i>07.25</i>	<i>23.15</i>	<i>1400</i>		
<i>11.45</i>	<i>22.00</i>	<i>1500</i>		
<i>13.20</i>	<i>20.35</i>	<i>1600</i>		
<i>14.50</i>	<i>19.15</i>	<i>1700</i>		
<i>16.15</i>	<i>18.00</i>	<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. Hyd 1023 Date August 4th 1886

Sigsbee Machine. 2 Reel.

Turns 1840 Cor. + 129 Depth 1969

Shot ~~on lead~~ 60 lbs

Bottom lt. br. Oz.

Bottom temperature 38

No. of Thermometer 54824 Cor. -.7

Corrected temperature 37.3

Air 68 Surface 64 Cur. NW, 1 1/2

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3 04.40	03.05	0		
05.50	02.20	100		
07.00	01.30	200		
08.05	4.00.50	300		
09.15	4.00.00	400		
10.15	59.25	500		
11.30	58.05	600		
12.45	57.05	700		
14.10	56.00	800		
15.30	55.00	900		
16.45	53.50	1000		
18.05	52.40	1100		
19.20	51.30	1200		
20.35	50.15	1300		
22.00	49.00	1400		
23.20	47.35	1500		
24.40	46.15	1600		
28.10	44.45	1700		
30.00	3.43.30	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Saw a large turtle on surface near ship

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

SERIAL, TEMPERATURE,

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

REMARKS,

No. 1024 Date Aug 4 1886Machine. 2 Reel.Turns 1850 Cor. + 130 Depth 1980Shot ~~or lead~~ 60 lbBottom lt. br. G.Bottom temperature 38-No. of Thermometer 54824 Cor. -7Corrected temperature 37.3Air 68 Surface 64 Drift.

Trawl or dredge or tangles

Anchor

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4 35 00	36 00	0		
36 10	35 00	100		
37 20	34 00	200		
38 30	33 00	300		
39 40	32 00	400		
40 50	31 00	500		
42 00	30 00	600		
43 10	29 00	700		
44 20	28 00	800		
45 30	27 00	900		
46 40	26 00	1000		
47 50	25 00	1100		
49 00	24 00	1200		
50 10	23 00	1300		
51 20	22 00	1400		
52 30	21 00	1500		
53 40	20 00	1600		
54 50	19 00	1700		
56 00	18 00	1800		
57 10	17 00	1900		
58 20	16 00	2000		
59 30	15 00	2100		
5 00 40	14 00	2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

567 2200

No. 1025 Date Aug 4 1856

Sigsbee Machine. 2 Reel.

Turns 1865 Cor. + 131 Depth 1996

Shot or lead 60 lb

Bottom ft. br. G.

Bottom temperature (when did not register)

No. of Thermometer 54820 Cor.

Corrected temperature

Air 65 Surface 66 Drift.

Trawl or dredge or tangles Cur C / K

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
2.30	53.30	0
4.25	52.30	100
6.15	51.30	200
8.20	50.30	300
10.30	49.30	400
12.55	48.30	500
14.15	46.30	600
16.55	45.30	700
19.05	44.20	800
21.30	43.25	900
23.50	41.45	1000
26.30	40.25	1100
28.10	39.20	1200
30.40	37.55	1300
32.15	36.35	1400
34.40	35.15	1500
37.10	33.40	1600
39.40	32.10	1700
42.15	30.30	1800
44.25	29.20	1900
		2000
		2100
		2200
		2300
		2400

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
55				
95				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1026

No. 1026

Date Aug 4 1886

Sigsbee Machine. 2 Reel.

Turns 1892 Cor. + 133 Depth 2025

Shot or lead 60

Bottom Lt. br. G.

Bottom temperature 37.

No. of Thermometer 52824 Cor. - 8

Corrected temperature 36.2

Air 65 Surface 66 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
7. 37.15	25.05	0
38.15	24.35	100
39.55	23.55	200
41.15	23.10	300
42.35	22.20	400
43.50	21.25	500
45.15	20.25	600
46.45	19.25	700
48.05	18.15	800
49.30	17.10	900
50.55	16.05	1000
52.15	15.00	1100
53.35	13.45	1200
55.00	12.30	1300
56.20	11.15	1400
57.40	10.05	1500
59.00	09.00	1600
8 00.20	07.45	1700
02.00	06.00	1800
03.30	8.04.30	1900
		2000
		2100
		2200
		2300
		2400

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

SERIAL, TEMPERATURE,

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

REMARKS.

No. 1027 Date August 4 1886
 Sigsbee Machine, 2 Reel.

Turns 1900 Cor. + 133 Depth 2033

Shot or lead 60 lbs.

Bottom br. G.

Bottom temperature 37.1

No. of Thermometer 54824 Cor. -, 8

Corrected temperature 36.3

Air 66 Surface 65 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.55				
10.44	35.00	0		
45.30	35.15	100		
46.40	34.30	200		
47.50	33.40	300		
49.05	32.50	400		
50.20	31.55	500		
51.45	30.55	600		
53.10	29.45	700		
54.45	28.30	800		
56.10	27.00	900		
57.25	25.45	1000		
58.40	24.30	1100		
59.55	23.15	1200		
11.01.10	22.00	1300		
02.30	20.40	1400		
03.50	19.15	1500		
05.15	17.45	1600		
06.45	16.30	1700		
08.15	12.45	1800		
09.40	11.11.00	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TIME.	NO. OF THER.	COR.	COR. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1028* Date *August 5th 1886*
Sigsbee Machine. 2 Reel.

Turns *1920* Cor. + *134* Depth *2054*

Shot or lead *60 lbs.*

Bottom *br. G.*

Bottom temperature *37*

No. of Thermometer *54824* Cor. - *.8* *No. current*

Corrected temperature *36.2*

Air *65* Surface *66* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Am</i>				
<i>1 03.00</i>	<i>04.20</i>	<i>0</i>		
<i>04.20</i>	<i>03.20</i>	<i>100</i>		
<i>05.25</i>	<i>02.30</i>	<i>200</i>		
<i>06.30</i>	<i>01.35</i>	<i>300</i>		
<i>07.20</i>	<i>2 00.45</i>	<i>400</i>		
<i>08.15</i>	<i>59.45</i>	<i>500</i>		
<i>09.15</i>	<i>58.30</i>	<i>600</i>		
<i>10.25</i>	<i>57.25</i>	<i>700</i>		
<i>11.35</i>	<i>56.15</i>	<i>800</i>		
<i>12.50</i>	<i>55.00</i>	<i>900</i>		
<i>14.10</i>	<i>52.50</i>	<i>1000</i>		
<i>15.35</i>	<i>50.50</i>	<i>1100</i>		
<i>17.10</i>	<i>48.50</i>	<i>1200</i>		
<i>18.30</i>	<i>46.50</i>	<i>1300</i>		
<i>19.50</i>	<i>45.00</i>	<i>1400</i>		
<i>21.10</i>	<i>43.10</i>	<i>1500</i>		
<i>22.30</i>	<i>41.05</i>	<i>1600</i>		
<i>24.00</i>	<i>39.10</i>	<i>1700</i>		
<i>26.00</i>	<i>37.10</i>	<i>1800</i>		
<i>27.10</i>	<i>35.00</i>	<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	NO. LOG.
05				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

S.S.P.

No. *Hyd 1029* Date *Aug. 5th 1886**Sigsbee* Machine. *2* Reel.Turns *1803* Cor. + *127* Depth *1930*Shot or lead *60 lbs*Bottom *lt. br. Sg. & S.*Bottom temperature *37*No. of Thermometer *54824* Cor. *- 8*Corrected temperature *36.2*Air *65* Surface *66* Drift.

Trawl or dredge or tangles

No Current

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>3.11.30</i>	<i>57.50</i>	<i>0</i>		
<i>12.40</i>	<i>57.00</i>	<i>100</i>		
<i>13.50</i>	<i>56.15</i>	<i>200</i>		
<i>14.50</i>	<i>55.25</i>	<i>300</i>		
<i>16.00</i>	<i>54.30</i>	<i>400</i>		
<i>17.05</i>	<i>53.30</i>	<i>500</i>		
<i>18.10</i>	<i>52.40</i>	<i>600</i>		
<i>19.20</i>	<i>51.30</i>	<i>700</i>		
<i>20.30</i>	<i>50.30</i>	<i>800</i>		
<i>21.40</i>	<i>49.20</i>	<i>900</i>		
<i>23.00</i>	<i>48.05</i>	<i>1000</i>		
<i>24.15</i>	<i>46.45</i>	<i>1100</i>		
<i>25.40</i>	<i>45.30</i>	<i>1200</i>		
<i>27.00</i>	<i>44.05</i>	<i>1300</i>		
<i>28.30</i>	<i>42.50</i>	<i>1400</i>		
<i>29.50</i>	<i>41.30</i>	<i>1500</i>		
<i>31.15</i>	<i>40.15</i>	<i>1600</i>		
<i>32.30</i>	<i>38.55</i>	<i>1700</i>		
<i>34.00</i>	<i>37.30</i>	<i>1800</i>		

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. *Hyd 1030* Date *Aug. 5th 1886**Sigsbee* Machine. *2* Reel.Turns *1848* Cor. + *130* Depth *1978*Shot ~~or lead~~ *60 lbs*Bottom *Et. br. S. S.*Bottom temperature *37*No. of Thermometer *54824* Cor. - *5*Corrected temperature *36.2*Air *64* Surface *63* Drift.

Trawl or dredge or tangles

4/6 Current

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>4 45.00</i>	<i>33.30</i>	0		
<i>46.15</i>	<i>32.40</i>	100		
<i>47.20</i>	<i>31.55</i>	200		
<i>48.25</i>	<i>31.05</i>	300		
<i>49.35</i>	<i>30.10</i>	400		
<i>50.45</i>	<i>29.10</i>	500		
<i>52.00</i>	<i>28.05</i>	600		
<i>53.15</i>	<i>27.00</i>	700		
<i>54.35</i>	<i>25.35</i>	800		
<i>55.55</i>	<i>24.25</i>	900		
<i>57.15</i>	<i>23.20</i>	1000		
<i>58.30</i>	<i>21.55</i>	1100		
<i>59.45</i>	<i>20.30</i>	1200		
<i>5. 01.05</i>	<i>19.15</i>	1300		
<i>02.25</i>	<i>17.45</i>	1400		
<i>03.45</i>	<i>16.10</i>	1500		
<i>05.05</i>	<i>14.30</i>	1600		
<i>06.30</i>	<i>12.55</i>	1700		
<i>08.00</i>	<i>5.11.00</i>	1800		

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS

SLP

No. *Hyd 1031* Date *Aug. 5th 1886*
Sigsbee Machine. 2 Reel.

Turns *1900* Cor. + *133* Depth *2033*

Shot ~~or lead~~ *60 lbs*

Bottom *lt. br. Oz. & S.*

Bottom temperature *37^L*

No. of Thermometer *54824* Cor. *-8*

Corrected temperature *36.3*

Air *62* Surface *64* Drift.

Trawl or dredge or tangles

No current

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6 22.00</i>	<i>17.00</i>	<i>0</i>		
<i>23.30</i>	<i>15.55</i>	<i>100</i>		
<i>24.45</i>	<i>15.10</i>	<i>200</i>		
<i>26.40</i>	<i>14.20</i>	<i>300</i>		
<i>27.10</i>	<i>13.30</i>	<i>400</i>		
<i>28.25</i>	<i>12.35</i>	<i>500</i>		
<i>29.40</i>	<i>11.30</i>	<i>600</i>		
<i>30.55</i>	<i>10.20</i>	<i>700</i>		
<i>32.10</i>	<i>09.00</i>	<i>800</i>		
<i>33.30</i>	<i>07.40</i>	<i>900</i>		
<i>34.45</i>	<i>06.20</i>	<i>1000</i>		
<i>36.05</i>	<i>05.00</i>	<i>1100</i>		
<i>37.25</i>	<i>03.45</i>	<i>1200</i>		
<i>38.50</i>	<i>02.00</i>	<i>1300</i>		
<i>40.20</i>	<i>7.00.20</i>	<i>1400</i>		
<i>41.45</i>	<i>58.30</i>	<i>1500</i>		
<i>43.20</i>	<i>56.30</i>	<i>1600</i>		
<i>45.00</i>	<i>54.30</i>	<i>1700</i>		
<i>46.45</i>	<i>52.30</i>	<i>1800</i>		
<i>48.30</i>	<i>50.00</i>	<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. Hyd 1032 Date Aug. 5th 1886
 Sigbee Machine. 2 Reel.

Turns 1940 Cor. + 129 Depth 2069

Shot or lead 60 lb

Bottom br. Gy.

Bottom temperature 37

No. of Thermometer 52124 Cor. -8

Corrected temperature 36.2

Air 62 Surface 64 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.10.30	08.00	0		
10.30	06.50	100		
21.20	06.05	200		
22.15	05.20	300		
23.05	04.30	400		
24.05	03.20	500		
25.00	02.15	600		
26.00	01.10	700		
27.00	7.00-00	800		
28.00	58.45	900		
29.00	57.40	1000		
30.30	56.25	1100		
31.35	55.05	1200		
32.45	53.40	1300		
34.20	52.00	1400		
35.15	50.40	1500		
36.35	48.35	1600		
37.45	46.50	1700		
39.00	45.10	1800		
40.20	43.15	1900		
41.00	42.30	2000		

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS

No. *Hyd. 1033* Date *Aug 5th 86*

Sigsbee Machine. = Reel.

Turns *1659* Cor. + *119* Depth *1768*

Shot or Lead *60 lb*

Bottom *no spec.*

Bottom temperature _____

No. of Thermometer *52824* Cor. *lost*

Corrected temperature _____

Air *67* Surface *67* Drift _____

Trawl or dredge or tangles *Cur 39 - 1 K*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>12-51-30</i>	<i>11-00</i>	0		
<i>13-15</i>	<i>12-10</i>	100		
<i>15-25</i>	<i>11-15</i>	200		
<i>17-50</i>	<i>11-20</i>	300		
<i>19-50</i>	<i>10-15</i>	400		
<i>21-25</i>	<i>09-05</i>	500		
<i>23-50</i>	<i>08-03</i>	600		
<i>27-00</i>	<i>07-00</i>	700		
<i>29-40</i>	<i>06-20</i>	800		
<i>31-25</i>	<i>05-55</i>	900		
<i>33-40</i>	<i>05-30</i>	1000		
<i>35-50</i>	<i>1 00-05</i>	1100		
<i>37-20</i>	<i>59-55</i>	1200		
<i>39-20</i>	<i>57-30</i>	1300		
<i>41-00</i>	<i>56-00</i>	1400		
<i>43-30</i>	<i>54-25</i>	1500		
<i>45-40</i>	<i>52-45</i>	1600		
<i>47-20</i>	<i>51-20</i>	1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Net specimens sent 1 propeller & 2 anchors
 mudstone clark*

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *1034* Date *August 5 1886*

Sigsbee Machine. *2* Reel.

Turns *1036* Cor. + *82* Depth *1138*

Shot or lead *35 lb*

Bottom *br. G.*

Bottom temperature *38.5*

No. of Thermometer *53738* Cor. *-3*

Corrected temperature *38.2*

Air *69* Surface *66* Drift. *xc*

Trawl or dredge or tangles *curt E. 2 lbs.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

P.M.

DOWN.	UP.	TURNS.
<i>4. 47. 15</i>	<i>43. 45</i>	0
<i>48. 45</i>	<i>43. 05</i>	100
<i>50. 20</i>	<i>42. 30</i>	200
<i>52. 10</i>	<i>41. 55</i>	300
<i>53. 40</i>	<i>41. 15</i>	400
<i>5. 01. 15</i>	<i>40. 35</i>	500
<i>22. 00</i>	<i>39. 50</i>	600
<i>25. 00</i>	<i>39. 00</i>	700
<i>27. 45</i>	<i>38. 00</i>	800
<i>29. 30</i>	<i>37. 00</i>	900
<i>31. 45</i>	<i>35. 40</i>	1000
<i>33. 10</i>	<i>5. 35. 00</i>	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 TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	DUR.	COR. TEMP.
25				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				
210				
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				
400				

REMARKS.

No. *1025* Date *August 5 1886**Sigsbee* Machine. *2* Reel.Turns *212* Cor. + *19* Depth *231*~~Shot~~ or lead *35 lbs.*Bottom *gy S. bk Sp.*Bottom temperature *41*No. of Thermometer *53738* Cor. - *3*Corrected temperature *40.5*Air *67* Surface *64* Drift.

Trawl or dredge or tangles

SOUNDING WIRE,

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*8 48.30**57.40**0**51.00**57.00**100**54.05**55.30**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**4 1/2 Current*

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

SERIAL TEMPERATURE.

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

REMARKS.

W. H. M.

2000
1625
2375

203

No. *Hyd 1036* Date *Aug 6th 1886*
Sigsbee Machine. 2 Reel.

Turns *1605* Cor. + *116* Depth *1721*

Shot or lead *35 lb.*

Bottom *lt br O g.*

Bottom temperature *37.2*

No. of Thermometer *53738* Cor. *-.3*

Corrected temperature *37.2*

Air *64* Surface *62* Drift.

Trawl or dredge or tangles *Current E 20 C 15*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>P. 110</i>				
<i>5. 42. 30</i>	<i>29. 15</i>	0		
<i>46. 10</i>	<i>28. 27</i>	100		
<i>47. 35</i>	<i>27. 38</i>	200		
<i>51. 40</i>	<i>26. 55</i>	300		
<i>53. 08</i>	<i>26. 07</i>	400		
<i>54. 38</i>	<i>25. 16</i>	500		
<i>56. 09</i>	<i>24. 21</i>	600		
<i>58. 57</i>	<i>23. 25</i>	700		
<i>9 01. 37</i>	<i>22. 26</i>	800		
<i>13. 33</i>	<i>21. 25</i>	900		
<i>024. 54</i>	<i>20. 23</i>	1000		
<i>03. 54</i>	<i>19. 25</i>	1100		
<i>05. 30</i>	<i>15. 15</i>	1200		
<i>07. 08</i>	<i>17. 10</i>	1300		
<i>08. 40</i>	<i>16. 00</i>	1400		
<i>10. 30</i>	<i>14. 50</i>	1500		
<i>11. 07</i>	<i>13. 20</i>	1600		
<i>0 20</i>	<i>13. 25</i>	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 TEMPERATURE.

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

REMARKS.

No. 1037 Date August 7 1886

Signature Machine. 2 Reel.

Turns 1758 Cor. + 118 Depth 1758

Shot or lead 60 lbs.

Bottom s. b. m.

Bottom temperature 37.5

No. of Thermometer 53738 Cor. - .3

Corrected temperature 37.2

Air 62 Surface 62 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
0.30				
4.37.45	16.05	0		
38.30	15.20	100		
39.30	14.35	200		
40.20	13.45	300		
41.35	13.00	400		
42.45	12.10	500		
43.55	11.15	600		
45.10	10.25	700		
46.20	09.25	800		
47.40	08.20	900		
49.00	07.15	1000		
50.15	06.10	1100		
51.30	05.05	1200		
52.40	04.00	1300		
54.00	02.45	1400		
55.20	01.30	1500		
56.45	5.00.00	1600		
57.15	4.59.00	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 TEMPERATURE.

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

REMARKS.

No. *Hyd 1038* Date *Aug. 17th 1886*
Sigsbee Machine. 2 Reels

Turns *1660* Cor. + *120* Depth *1780*

Shot ~~or lead~~ *35 lbs.*

Bottom *lt. gy. M.*

Bottom temperature *37.2*

No. of Thermometer *53738* Cor. *-.3*

Corrected temperature *36.9*

Air *66* Surface *64* Drift

Trawl or dredge or tangles *Cur. 1/2 Kt. Each*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>12.38.30</i>	<i>17.00</i>	0		
<i>39.30</i>	<i>16.10</i>	100		
<i>40.30</i>	<i>15.25</i>	200		
<i>41.35</i>	<i>14.45</i>	300		
<i>42.45</i>	<i>14.00</i>	400		
<i>44.00</i>	<i>13.10</i>	500		
<i>45.20</i>	<i>12.25</i>	600		
<i>46.35</i>	<i>11.35</i>	700		
<i>47.55</i>	<i>10.40</i>	800		
<i>49.20</i>	<i>09.40</i>	900		
<i>50.40</i>	<i>08.45</i>	1000		
<i>52.00</i>	<i>07.45</i>	1100		
<i>53.30</i>	<i>06.45</i>	1200		
<i>54.50</i>	<i>05.45</i>	1300		
<i>56.20</i>	<i>04.35</i>	1400		
<i>57.50</i>	<i>03.30</i>	1500		
<i>59.15</i>	<i>1.02.15</i>	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 TEMPERATURE.

DEPTH.	TIME.	NO. OF LBS.	COOL.	COR. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

607. 1/11

4
57

204

No. 1039 Date Aug 7 1886
Sigsbee Machine. 2 Reel.

Turns 1158 Cor. 114 Depth 1172

Shot or lead 35 lb

Bottom br gy

Bottom temperature 38

No. of Thermometer 53738 Cor. -.3

Corrected temperature 37.7

Air 63 Surface 63 Drift.

Trawl or dredge or tangles *Cumulus 6 1/2*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-58-50	12-51	0		
40-03	13-00	100		
46-15	13-00	200		
112-35	12-10	300		
08-55	11-16	400		
50-10	10-20	500		
57-35	09-20	600		
55-05	08-25	700		
52-10	07-30	800		
56-20	05-30	900		
58-25	04-15	1000		
57-55	7 03-25	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 TEMPERATURE.

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

REMARKS.

No. *Hyd 1040* Date *August 8th 1886*
Sigsbee Machine. *2* Reel.

Turns *74* Cor. *7* Depth *81*

Shot or lead *35 lb.*

Bottom *Fos. bk. sp.*

Bottom temperature *32*

No. of Thermometer *53738* Cor. *-.1*

Corrected temperature *31.9*

Air *61* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.70</i>		0		
<i>12.02.00</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 TEMPERATURE,

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

REMARKS.

No. *1041* Date *Aug 8 1886*

Machine. — Reel.

Turns *33* Cor. = *1* Depth *34*Shot or lead *25 lb*Bottom *red sand 6 ft deep*Bottom temperature *40*No. of Thermometer *53738* Cor. = *3*Corrected temperature *39.7*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12 0 10 0 0 0

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

*Wire down to 1000 ft
25 lb shot & 10 lb lead*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. *1042* Date *August 8^o 1886*
Sigsbee Machine. *2* Reel

Turns *33* Cor. *2* Depth *35*

Shot or lead *35 lbs.*

Bottom *wh. Sbk. sh.*

Bottom temperature *31.2*

No. of Thermometer *50738* Cor. *-1*

Corrected temperature *31.1*

Air *60* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.12.00

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 TEMPERATURE.

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

REMARKS.

No. 1043 Date August 8, 1886

Sigsbee Machine. 2 Reel.

Turns 73 Cor. + 2 Depth 35

Shot or lead 35 lbs.

Bottom hrd.

Bottom temperature 31.

No. of Thermometer 53738 Cor. -1

Corrected temperature 31°

Air 60 Surface 62 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.54.00

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 TEMPERATURE.

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

REMARKS.

No. 7048 1044 Date August 8th 1886

Sigsbee Machine. 2 Reel.

Turns 33 Cor. + 2 Depth 35

Shot or lead 35 lbs.

Bottom wh. S.

Bottom temperature 31.

No. of Thermometer 53738 Cor. -1

Corrected temperature 30.9

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.27.00

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 TEMPERATURE,

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

REMARKS,

No. *Hyd 1045* Date *August 8th 1886*
Sigsbee Machine. *2* Reel.

Turns *35* Cor. *3* Depth *38*

Shot or lead *35 lbs*

Bottom *Peb.*

Bottom temperature *31.5*

No. of Thermometer *53738* Cor. *-.1*

Corrected temperature *31.4*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.03.15

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 TEMPERATURE,

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

REMARKS.

No. *Hyd 1046* Date *August 8th 1886.**Sigsbee* Machine. 2 Reel.Turns *38* Cor. + *3* Depth *41*~~Shot~~ or lead *35 lbs.*Bottom *co. S. brk. Sh. Peb.*Bottom temperature *30.2*No. of Thermometer *53738* Cor. *-1*Corrected temperature *29.4*Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.39.00

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 TEMPERATURE.

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

REMARKS.

No. *Hyd 1047* Date *August 8th 1886**Sigsbee* Machine. *2* Reel.Turns *105* Cor. *10* Depth *115*Shot or Lead *35 lb.*Bottom *cr. wh. S. bk Sp.*Bottom temperature *32*No. of Thermometer *53738* Cor. *-1*Corrected temperature *31.9*Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*9. 12.30**17.30*

0

*15.30**16.00*

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 TEMPERATURE.

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

REMARKS.

No. *Hyd.* 1048 Date *August 8th 1886.*
Sigsbee Machine. *2* Reel.

Turns *1085* Cor. + *84* Depth *1169*

Shot or lead *35*

Bottom *lt. br. G.*

Bottom temperature *38*

No. of Thermometer *53738* Cor. *-.2*

Corrected temperature *37.8*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.43.00

44.10

45.30

46.50

48.25

50.10

51.50

53.00

55.00

57.20

59.30

12.03.00

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

1/2 current

Raining

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

SERIAL TEMPERATURE,

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

REMARKS.

667 W. A. S.

No. 1449 Date Aug 9 1886

Sigsbee Machine. 2 Reel.

Turns 1790 Cor. + 126 Depth 1916

Shot or lead 35 lb

Bottom br oz

Bottom temperature 38.2

No. of Thermometer 53788 Cor. -.2

Corrected temperature 38.0

Air 62 Surface 59 Drift.

Trawl or dredge or tangles 6 m Sigsbee

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>6.47.00</u>	<u>7.35.12</u>	0		
<u>48.10</u>		100		
<u>49.20</u>		200		
<u>50.30</u>		300		
<u>51.40</u>		400		
<u>52.50</u>		500		
<u>54.00</u>		600		
<u>55.10</u>		700		
<u>56.20</u>		800		
<u>57.30</u>		900		
<u>58.40</u>		1000		
<u>59.50</u>		1100		
<u>7.01.00</u>		1200		
<u>02.10</u>		1300		
<u>03.20</u>		1400		
<u>04.30</u>		1500		
<u>05.40</u>		1600		
<u>06.50</u>		1700		
<u>08.00</u>		1800		
<u>09.10</u>		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS

No. *1050* Date *August 9th 1886**Sigsbee* Machine, *2* Reel.Turns *1851* Cor. + *130* Depth *1981*Shot or lead *60 lbs.*Bottom *br. Gy.*Bottom temperature *36.5*No. of Thermometer *53738* Cor. *-.2*Corrected temperature *36.3*Air *65* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>32.30</i>	<i>22.05</i>	0		
<i>33.30</i>	<i>21.20</i>	100		
<i>34.30</i>	<i>20.10</i>	200		
<i>35.40</i>	<i>19.20</i>	300		
<i>37.00</i>	<i>18.30</i>	400		
<i>38.20</i>	<i>17.40</i>	500		
<i>39.45</i>	<i>16.45</i>	600		
<i>40.45</i>	<i>15.50</i>	700		
<i>42.05</i>	<i>14.55</i>	800		
<i>43.25</i>	<i>13.55</i>	900		
<i>44.45</i>	<i>12.55</i>	1000		
<i>46.00</i>	<i>11.55</i>	1100		
<i>47.20</i>	<i>10.50</i>	1200		
<i>48.45</i>	<i>09.50</i>	1300		
<i>49.55</i>	<i>08.25</i>	1400		
<i>51.15</i>	<i>07.10</i>	1500		
<i>52.40</i>	<i>05.40</i>	1600		
<i>54.15</i>	<i>03.00</i>	1700		
<i>55.50</i>	<i>2.00.45</i>	1800		
<i>56.45</i>	<i>1.58.00</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200

SPHAL TEMPERATURE,

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

4.

REMARKS.

MT.

U.S.A.

2375
1.605

No. Hyd 1051 Date August 9th 1886

Signature _____ Machine. 2 Reel.

Turns 2375 Cor. + 1521 Depth 2549

Shot or lead 60 lbs.

Bottom br oz dk

Bottom temperature 36.2

No. of Thermometer 53738 Cor. - 2

Corrected temperature 36.2

Air 65 Surface 63 Drift. _____

Trawl or dredge or tangles No Current

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
7.56.30	55.05	0
57.30	54.45	100
58.25	53.30	200
59.25	52.45	300
8.00.25	52.00	400
01.40	51.10	500
02.50	50.15	600
04.10	49.25	700
05.25	48.30	800
06.40	47.30	900
07.55	46.50	1000
09.15	45.30	1100
10.30	44.30	1200
11.45	43.30	1300
13.05	42.30	1400
14.20	41.20	1500
15.45	40.15	1600
17.10	39.00	1700
18.40	37.45	1800
20.05	36.30	1900
21.35	35.20	2000
23.00	34.00	2100
24.35	33.00	2200
26.15	31.35	2300
27.45	29.45	2400

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

SERIAL TEMPERATURE

DEPTH	TEMP.	NO. OF THER.	COR.	WIND TEMP.
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				
210				
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				
400				

REMARKS

No. 7440 1052 Date August 10th 1886

Machine. 2 Reel.

Turns 2464 Cor. + 157 Depth 2621

Shot or lead 60 lbs.

Bottom M. br. G.

Bottom temperature 37

No. of Thermometer 53738 Cor. - 2

Corrected temperature 36.8

Air 67 Surface 66 Drift.

Trawl or dredge or tangles Cur. N. 1 Hk.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2.40.15	41.10	0		
41.15	40.20	100		
42.20	39.35	200		
43.30	38.50	300		
44.40	38.00	400		
45.50	37.10	500		
46.50	36.20	600		
48.00	35.25	700		
49.10	34.30	800		
50.20	33.30	900		
51.35	32.30	1000		
52.45	31.30	1100		
54.00	30.30	1200		
55.15	29.30	1300		
56.30	28.25	1400		
57.50	27.20	1500		
59.15	26.05	1600		
00.45	24.50	1700		
02.15	23.35	1800		
03.50	22.30	1900		
05.30	21.05	2000		
07.00	19.50	2100		
08.30	18.30	2200		
09.55	16.50	2300		
11.20	3.15.00	2400		

2.12.10	2.14.20	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. 1053 Date August 10 1880

Machine. 2 Reel.

Turns 2500 Cor. + 158 Depth 2658

Shot or lead 60 lbs.

Bottom lt. br. G. Y. For.

Bottom temperature 38

No. of Thermometer 53738 Cor. - .2

Corrected temperature 37.8

Air 69 Surface 70 Drift.

Trawl or dredge or tangles Cur. 1 1/2 Rnts. N N W

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.36.15	44.50	0		
37.40	44.00	100		
38.35	43.10	200		
39.35	42.30	300		
40.35	41.45	400		
41.40	40.55	500		
42.45	40.05	600		
44.00	39.10	700		
45.10	38.15	800		
46.25	37.15	900		
47.30	36.15	1000		
48.45	35.10	1100		
50.00	34.10	1200		
51.15	33.00	1300		
52.30	31.45	1400		
54.00	30.35	1500		
55.30	29.25	1600		
57.00	28.00	1700		
58.30	26.30	1800		
10.00.00	25.00	1900		
01.30	23.00	2000		
03.05	20.35	2100		
04.35	18.45	2200		
06.15	16.55	2300		
07.50	15.00	2400		

1120

12.45

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

567.

HALL

400
2422
1078No. 1054 Date Aug. 10th 1886

Machine. 2 Reel.

Turns 2422 Cor. + 155 Depth 2577

Shot or lead 60

Bottom sh. br. g.

Bottom temperature 37

No. of Thermometer 53738 Cor. - 2

Corrected temperature 34.8

Air 69 Surface 68 Drift.

Trawl or dredge or tangles 6m NW 1 1/2 R

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.27.00	04.15	0		
08.45	03.25	100		
50.10	02.40	200		
51.45	01.55	300		
52.00	01.10	400		
54.15	7.06.15	500		
55.15	59.25	600		
56.45	58.30	700		
57.30	57.35	800		
58.35	56.35	900		
59.50	55.35	1000		
6.01.15	54.30	1100		
02.40	53.30	1200		
04.10	52.30	1300		
05.45	51.20	1400		
07.10	50.15	1500		
08.40	49.00	1600		
10.05	48.05	1700		
11.40	47.00	1800		
13.15	46.15	1900		
14.50	45.00	2000		
16.40	44.05	2100		
18.20	43.00	2200		
20.00	42.00	2300		
21.35	6.26.00	2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hyd 1055* Date *August 11th 1886**Sigsbee* Machine. *2* Reel.Turns *1998* Cor. + *137* Depth *2135*Shot or ~~Lead~~ *60 lbs*Bottom *S + G.*Bottom temperature *37.5*No. of Thermometer *53738* Cor. - *.2*Corrected temperature *37.3*Air *57* Surface *60* Drift.Trawl or dredge or tangles *none - N E 1/2 K 5*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.03.20</i>	<i>25.00</i>	0		
<i>05 -</i>	<i>24.05</i>	100		
<i>06.25</i>	<i>23.20</i>	200		
<i>07.35</i>	<i>22.30</i>	300		
<i>08.50</i>	<i>21.45</i>	400		
<i>10.00</i>	<i>20.55</i>	500		
<i>11.20</i>	<i>20.05</i>	600		
<i>12.30</i>	<i>19.10</i>	700		
<i>13.45</i>	<i>18.15</i>	800		
<i>15.05</i>	<i>17.15</i>	900		
<i>16.25</i>	<i>16.15</i>	1000		
<i>17.40</i>	<i>15.10</i>	1100		
<i>19.00</i>	<i>14.00</i>	1200		
<i>20.20</i>	<i>12.35</i>	1300		
<i>21.45</i>	<i>11.15</i>	1400		
<i>23.05</i>	<i>10.00</i>	1500		
<i>24.30</i>	<i>08.45</i>	1600		
<i>25.00</i>	<i>07.35</i>	1700		
<i>27.05</i>	<i>06.15</i>	1800		
<i>29.15</i>	<i>03.00</i>	1900		
<i>53.30</i>	<i>4.01.20</i>	2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2692 Date Aug 11th 1886

Sigsbee Machine. 2 Reel.

Turns 65 Cor. + 8 Depth 73

Shot or lead 35 lb

Bottom gy S. small black stones

Bottom temperature 37

No. of Thermometer 51738 Cor. - 2

Corrected temperature 36.8

Air 55 Surface 56 Drift, $\frac{1}{2}$ m W x S

Trawl or dredge or tangles Lucy B. Brown

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-55-30

0

10-49-30

17-15

100

10-54

14-30

200

11-00-00

11-41-30

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 TEMPERATURE.

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

REMARKS.

Temperature taken at various depths - see observations on page 2 - all readings corrected for the temperature of the water.

No. 2693

Date Aug 11th 1856

Sigsbee Machine. 2 Reel.

Turns 70 Cor. + 8 Depth 78

Shot or lead 35 lb

Bottom ~~gy. red~~ red very sand black gy. shells

Bottom temperature 37

No. of Thermometer 53738 Cor. -.2

Corrected temperature 36.8

Air 55 Surface 56 Drift. 1/2 m W & S

Trawl or dredge or tangles Large Brown

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12.00.30

01.00

0

12.09.15 / 12.20.55

12.30

03.00

100

14.30 / 12.43.15

200

19.00 / 12.40.15

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 TEMPERATURE,

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

REMARKS.

1. No. of thermometers 2. No. of
 3. No. of thermometers 4. No. of
 5. No. of thermometers 6. No. of

No. 2694 Date Aug 11th 1886

Machine. 2 Reel.

Turns 78 Cor. + 8 Depth 86

~~Shot or lead~~ 35 lb

Bottom gy s bk. Spk

Bottom temperature 37.2

No. of Thermometer 53738 Cor. - 2

Corrected temperature 39.3

Air 55 Surface 56 Drift. W 1/2 N 1/2 E

~~Trawl or dredge or tangles~~ large Brown

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-51-30

0

1-55-20 2-20-00

100

2-02-30 1-11-00

200

02-12-00 1-07-00

220

03-40 2-13-40

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 TEMPERATURE.

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

REMARKS.

The pump on the bottom "around" of
 on the top of the pump
 on the 15 ft. bottom of the
 Chinese - Chinese - Pollard

No. *2675* Date *May 14 1886*
Sigsbee Machine, 2 Reel.

Turns *95* Cor. + *10* Depth *105*

~~Shot or lead~~ *35 lb*

Bottom *gy S bk spha det*

Bottom temperature *38*

No. of Thermometer *55738* Cor. *-.2*

Corrected temperature *37.8*

Air *56* Surface *56* Drift. *1/2 m. N. E.*

Trawl or dredge or tangles *Long Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-35.00</i>		0	<i>3.45.00</i>	<i>4.24.15</i>
		100	<i>53.00</i>	<i>4.10.50</i>
		200	<i>2.59.00</i>	<i>4.15.00</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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	Saw a large school of curved finned <i>Cyclops</i> close to the ship. Branching unit observed departing on the surface of the water. Probably about 50 in the school			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2 sp. *Chaetognath* -

No. 2696 Date August 11th 1896

Machine. Sigsbee Reel.

Turns 89 Cor. + 0 Depth 89

Shot or lead 35 lbs.

Bottom gy. s. sh. sp.

Bottom temperature 38.8

No. of Thermometer 53738 Cor. - .2

Corrected temperature 38.6

Air 56 Surface 56 Drift. 1/2 m. N. E.

Trawl or dredge or tangles Large Beacon

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.27.20

0

4.33. - 5.10.50

100

4.37.15 5.06.30

200

4.41.45 5.02.30

250

4.44.00 5.00.30

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 TEMPERATURE,

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

REMARKS

2 1/2 m. bottles 1 hour
 for common surface water
 for analysis

No. 2040. 1056 Date August 11 1886

Sigsbee Machine. II Reel.

Turns 93 Cor. + 10 Depth 103

Shot or lead 35 lbs.

Bottom hds.

Bottom temperature 38.4

No. of Thermometer 53738 Cor. - 2

Corrected temperature 38.2

Air 59 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.43.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. *Hyd 1057* Date *August 11th 1886*
Liggett Machine. *2* Reel.

Turns *141* Cor. + *14* Depth *155*

- Shot or lead *35 lb.*

Bottom *wh. s. st. sp.*

Bottom temperature *40*

No. of Thermometer *53738* Cor. - *.3*

Corrected temperature *39.7*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9 20.20 27.00
22.35 26.20
23.20 25.30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS

2100
 333
 3270

507. *12/22*

No. *1038* Date *Aug 12 1886*
Sigsbee Machine. *2* Reel.

Turns *270* Cor. + *33* Depth *233*

Shot or lead *35 lb*

Bottom *br gy*

Bottom temperature *39*

No. of Thermometer *53738* Cor. - *3*

Corrected temperature *38.7*

Air *56* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1 51 00</i>		0		
<i>52 10</i>	<i>01 10</i>	100		
<i>53 30</i>	<i>02 10</i>	200		
<i>54 50</i>	<i>2 02 10</i>	300		
<i>55 30</i>	<i>58 20</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 TEMPERATURE.

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

REMARKS.

No. 1057 Date Aug 12 1881
 Machine. S Reel.

Turns 210 Cor. + 37 Depth 247

Shot or lead 35 lb Test

Bottom leaf sand.

Bottom temperature Not obtained

No. of Thermometer 53738 Cor. lost

Corrected temperature

Air 53 Surface 49 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<u>21-50</u>		100		
<u>22-20</u>		200		
<u>23-50</u>		300		
<u>25-20</u>		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

New position down 4 feet down
 23-20 lead 1 1/2 # of thermometer down
 23-20 lead 1 1/2 # of thermometer down

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	CORR.	EQV. TEMP.
20				
40				
60				
80				
100				
120				
140				
160				
180				
200				
250				
300				
350				
400				
1000				

REMARKS.



