

2586 25 2629

Age 163 = 92.0

C	Clay	blk.	broken
Co	Coral	co.	coarse
G.	Gravel	fine	fine
M.	Mud	hard	hard
Oz.	Ooze	lge	large
P.	Pebbles	stky	rocky
R.	Rock	sft.	soft
S.	Sand	sm	small
Sh.	Shells	stK	sticky
Sp.	Specks	stf	stiff
St.	Stones	str	rotten.
For.	Foraminifera		
Glob.	Globigerina		
bk	black	gy	gray
br.	brown	li.	light-
bu	blue	rd.	red
dk	dark	wh.	white
gn	green	yl.	yellow

1870
1871
1872
1873
1874
1875
1876
1877
1878
1879
1880
1881
1882
1883
1884
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1886
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1898
1899
1900

1901
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1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930

1 d d 5

No. 2586 Date Sept 20 1885

Machine. 1 Reel.

Turns 300 Cor. + 28 Depth 328.

Shot or lead 35 lb.

Bottom dk gy M

Bottom temperature 41.2

No. of Thermometer 53734 Cor. - .3

Corrected temperature 40.2

Air 69 Surface 76 Drift. 1 West

Trawl or dredge or tangles L.B.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9 27 20	16 20	0	9 53 00	10 20
10 30	15 45	100	37 35	45 00
09 35	15 15	200	43 00	41 10
11 51 8	12 40	300	46 30	37 05
		400	51 00	34 00
		500	50 40	30 00
		600	55 20	25 50
		700	10 02 50	10 01 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

cat. of 25 lb. shot
 trawl or dredge -
 cat. 2500 long net
 net only prob.

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.

At anchor. Beyond
 Shell Museum &
 Wood's lagoon. Octopus
 A very large sea anemone
 Many small but valuable fish

No. 2587 Date Sept. 20 1885

Sigsbee Machine. Reel.

Turns 370 Cor. + 34 Depth 404

~~Shot or lead~~ 35 lb

Bottom slgy M

Bottom temperature 40.

No. of Thermometer 55734 Cor. - .3

Corrected temperature 39.7

Air 70 Surface 71 Drift 1/2 - W

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 23. 00	33 00	0	11. 23. 00	39. 00
20 00	32. 00	100	20 00	36. 00
25. 00	30 30	200	27. 15	33. 00
27 00	29. 05	300	31. 20	30. 00
27 30	28 15	400	34. 30	27. 00
		500	38 35	43. 50
		600	12. 02. 30	40. 40
		700	05. 35	37. 30
		800	11. 10	12. 34. 35
		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.
55				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Water surface temperature
 25.00 at 1000 fms.*

567. 528

No. 863 Hyd Date Sept 21^d 1885
Sigsbee Machine. / Reel.

Turns 42 Cor. + 5 Depth 47

~~Sigsbee~~ lead 35

Bottom crs gy S. bk sp

Bottom temperature 49

No. of Thermometer 53734 Cor. -.2

Corrected temperature 48.8

Air 67 Surface 70 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.00

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. B64 Hyd Date Sept 21st 1885Sigsbee Machine. / Reel.Turns 42 Cor. + 5 Depth 47~~Shot~~ or lead 35Bottom co gy S bk SpBottom temperature 49No. of Thermometer 53734 Cor. -.2Corrected temperature 48.8Air 66 Surface 70 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6:42

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

507. SLP

No. 865 Hyd Date Sept 21st 1885

Sigsbee Machine. 1 Reel.

Turns 50 Cor. + 5 Depth 55

~~Shot or lead~~ 35

Bottom crs dk gy S.

Bottom temperature 51

No. of Thermometer 53734 Cor. -.1

Corrected temperature 50.9

Air 66 Surface 70 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 30 00 7 32 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS.

507. SSE

No. 2589

Date

Sept 21st 1885

Sigsbee Machine. / Reel.

Turns 211 Cor. + 20 Depth 231

~~Shot or lead~~ 35

Bottom gn M. & S

Bottom temperature 44 1/2

No. of Thermometer 53734 Cor. -.3

Corrected temperature 44.2

Air 66 Surface 70 Drift. 1/2^m N x W~~Trawl or dredge or tangles~~ S.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.16.00	22.15	0	37.20	36.10
17.00	21.10	100	40.20	33.10
18.20	20.00	200	47.00	30.20
		300	52.00	27.20
		400	58.00	24.20
		500	63.00	21.00
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Rony left ship to set trawl line at 8:27
 Rony returned at 3:20, with trawl line
 edough's / Weymouth, 4 Rays, 8 Hake
 and one whiting.

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.

A large number of sea anemones, worm tubes, several specimens of octopus *Bavosii*, sea pens.

567 SLP

No. 2590 Date Sept. 21st 1885

Sigsbee Machine. Reel.

Turns 173 Cor. + 17 Depth 190

~~Shot~~ or lead 35

Bottom gn. M. & S.

Bottom temperature 47.8.

No. of Thermometer 53734 Cor. - .2

Corrected temperature 47.6

Air 68 Surface 71 Drift $\frac{1}{2}^m$ N x W.

Trawl or dredge or tangles 58

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10 15.40

23.30

0

10 28.00

29.00

17 00

22.30

100

32.30

26.05

18 00

22.00

200

38.00

23.10

300

42.20

20.30

400

46.10

11.17.00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS.

Large number of ophiuroids, sponges
 etc common, water very cool

547. SLP

No. 2591

Date Sept. 21st 1885

Sigsbee Machine. 1 Reel.

Turns 171 Cor. + 17 Depth 188

~~Shot or lead~~ 35

Bottom gn M. & S.

Bottom temperature none taken

No. of Thermometer Cor.

Corrected temperature

Air 67 Surface 71 Drift. $\frac{1}{2}^m$ N x W

Trawl or dredge or tangles SB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11.57.00	02.10	0	12.08.00	03.20
57.50	01.20	100	11.50.1.00.20	
58.50	12.00.30	200	22.00	57.20
		300	26.30	54.20
		400	29.00	12.51.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Uphidoglypax, *Diplopteraster*
leucostoma, *Strombolia*
Epigammarus *americanus*
 Hermit B. etc.

W. M.

No. *Hyd 566* Date *Oct-17th 85*

Sigsbee Machine. / Reel.

Turns / *80* Cor. *17* Depth *197*

~~Shot~~ or lead *35*

Bottom *gy M-*

Bottom temperature *None taken*

No. of Thermometer ~~575~~ Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>18 26 50</i>	<i>34 00</i>	0		
<i>27 25</i>	<i>32 00</i>	100		
<i>29 20</i>	<i>30 40</i>	<i>180</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

017
[Signature]

No. 2592 Date Oct-17-1885

Sigsbee Machine. 1 Reel.

Turns 110 Cor. + 10 Depth 120

Shot or lead 35

Bottom fine gy. s.

Bottom temperature 58

No. of Thermometer 53734 Cor. -1

Corrected temperature 57.9

Air 70 Surface 79 Drift. 1/2 S.

Trawl or dredge or tangles L B

Oct 11 1885
 at 3.35 P.M. Day started to fish
 from the bottom but no
 from the surface.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.30.50	59.20	0	5.12.00	17.10
50.20	57.10	100	1.12.00	15.10
		200	1.30.10	
		220		
		300	3.42.00	11.40.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

Oysters found
 One oval shell by strainer
 7 other shells 12 ft. at one place

J. L. S.

No. 2593 Date Oct-17/85

Sigsbee Machine, 1 Reel.

Turns 131 Cor. + 12 Depth 143

Shot or lead 35 lb

Bottom gy S. bk - sp.

Bottom temperature true water

No. of Thermometer Cor.

Corrected temperature

Air 70 Surface 79 Drift. 1 m 2.71 L

Trawl ~~or dredge or trawl~~ L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11.57.00	57.20	0	11.57.00	36.00
53.00	56.00	100	12.04.00	32.30
56.00	55.00	200	27.00	29.00
		250	08.00	12.27.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	DOB. THER.
35				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Lead came up empty -
1000

No. 2594 Date Oct-17

Machine. 1 Reel.

Turns 145 Cor. 15 Depth 160

Shot or lead 35

Bottom Co. gy S sh

Bottom temperature 52.3

No. of Thermometer 5373 Cor. - .4

Corrected temperature 52.4

Air 70 Surface 78 Drift. 1 m. 20 N E

Trawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 23. 00	27. 00	0	1. 23. 00	10. 00
24. 00	25. 30	100	33. 00	07. 10
24. 30	25. 00	200	36. 00	04. 10
		300	39. 00	2. 05 15
		400	42. 15	1. 55. 00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SUBIAL TEMPERATURE.

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

REMARKS.

Lower 2 sp. shells stopped
 well floored. - 1700

W. M.

No. *2595* Date *Oct-17*

Sigsbee Machine. / Reel.

Turns *57* Cor. + *6* Depth *63*

Shot or lead *35 lb*

Bottom *gy S bk sh*

Bottom temperature *75*

No. of Thermometer *60734* Cor. *-.2*

Corrected temperature *74.8*

Air *78* Surface *78* Drift $\frac{1}{2}$ m. *S*

Trawl or dredge or tangles *L 13*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>4 25 00</i>	<i>5 01 30</i>
<i>57 20</i>		100	<i>5 25 30</i>	<i>48 30</i>
		200	<i>5 50 00</i>	<i>45 30</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				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Sample of ...
 A beautiful lot of long spines
 sea-urchins. Crabs and
 some shells

No. 2596 Date 4/21/07

Machine. 1 Reel.

Turns 44 Cor. + 5 Depth 49

Shot or lead 35 lb

Bottom gy s

Bottom temperature 75

No. of Thermometer 5570 1/4 Cor. - .2

Corrected temperature 74.8

Air 74 Surface 78 Drift. 1/2 m. S.

Trawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

DOWNS.

UP.

TURNS.

DOWNS.

UP.

5-27.00

0

5.52.20 27.00

100

58.40 23.00

150

1.04.30 6.30.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS

On top of rock
Cedar's tribolite
Crustacean of many kind and
peculiar form. Coal many
shells a few sponges

No. 2597 Date Oct. 18th 1885
 Lead line Machine. Reel.

Turns Cor. + 15 Depth

Shot or lead

Bottom *crs gy S*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *69* Surface *76* Drift. $\frac{1}{4}$ m S.E.

Trawl or dredge or tangles *LB*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>6.07.00</i>	<i>30.00</i>
		<i>15</i>	<i>10.00</i>	<i>6.23.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL 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 sea urchin, 2 star fish,
 1 Hydroid, 1 species of fish,
 a number of squid,
 1 Renilla

SLP

No. 2598 Date Oct 18th 1885

Tanner Machine. Reel.

Turns 2 / Cor. + 1 Depth 22

~~Shot or~~ lead 18 lbs

Bottom wh. S. brk. Sh.

Bottom temperature 73 $\frac{1}{2}$

No. of Thermometer 53734 Cor. - .2

Corrected temperature 73.3

Air 71 Surface 77 Drift. $\frac{1}{4}$ m SxE

Trawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.12.00	7.13.00	0	7.18.00	36.00
		70	21.00	7.34.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

Trawl contained ^{REMARKS} many small shells, ^{some lime} few squid, few star fish

No. 2599 Date Oct. 18th 1885

Tanner Machine. Reel.

Turns 25 Cor. + Depth 25

~~Shot or lead~~ 18 lbs

Bottom wh. S. brk. Ch.

Bottom temperature 79

No. of Thermometer 53734 Cor. - .2

Corrected temperature 78.9

Air 72 Surface 77 Drift. $\frac{1}{4}$ m. S X E.~~Trawl or dredge or tangles~~ L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
8, 21.00	8, 23.00	0	8, 25.00	52, 10
		75	28.00	8, 49.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS
 Trawl contained
 Water haul
 Mud bag full of shells
 and sand

No. 2600 Date Oct. 18th 1885

Tanner Machine. Reel.

Turns 85 Cor. + 2 Depth 87

~~Shot or lead~~ 18 lbs.

Bottom fine gy. S. bk. Sp. brk. Sh.

Bottom temperature 7 1/2

No. of Thermometer 53734 Cor. - .2

Corrected temperature 71.3

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

~~Trawl or dredge or tangles~~ L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.34.00	9.36.30	0	9.39.00	14.40
		100	42.15	11.30
		200	45.00	08.30
		250		
		300	50.00	10.07.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

Trawl contained
few live & dead shells.
Murexids - few.

No. Hyd 867 Date Oct. 18th 1885

Tanner Machine. Reel.

Turns 205 Cor. + 5 Depth 210

~~Shot~~ or lead 18 lbs

Bottom gn. M.

Bottom temperature 47

No. of Thermometer 53734 Cor. - .2

Corrected temperature 46.8

Air 75 Surface 78 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10 36.00	43.00	0		
37.00	41.30	100		
38.00	10.40.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2601 Date Oct. 18th 1885

Tanner Machine. Reel.

Turns 105 Cor. + 2 Depth 107

~~Shot or lead~~ 18 lbs.

Bottom gy. S. P.

Bottom temperature 67 $\frac{4}{10}$

No. of Thermometer 53734 Cor. -.1

Corrected temperature 67.3

Air 74 Surface 78 Drift. $\frac{1}{4}$ MSX E.

Trawl or dredge or tangles L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>11 02 00</u>	<u>05.20</u>	<u>0</u>	<u>11 09.00</u>	<u>38.30</u>
<u>03 00</u>	<u>11.0400</u>	<u>100</u>	<u>12.50</u>	<u>35.40</u>
		<u>200</u>	<u>17.00</u>	<u>32.50</u>
		<u>250</u>	<u>21.00</u>	<u>31.00</u>
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS

Trawl contained
 Few Anemones, many holothu-
 rians, 1 specimen Bryozoa,
 numerous Hydroids, several
 Asthophytoids, 1 sea urchin.

No. 2602 Date Oct. 18" 1885

Tanner Machine. Reel.

Turns 121 Cor. + 3 Depth 124

~~Shot or lead~~ 18 lbs

Bottom S. R.

Bottom temperature 61

No. of Thermometer 53734 Cor. -.1

Corrected temperature 60.9

Air 74 Surface 78 Drift. $\frac{1}{4}$ m S X E.~~Trawl or dredge or tangles~~ L B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.40.00 43.20 0 12.03.00 1.01.20

40.50 11.41.40 100 08.00 58.30

200 19.00 55.30

300 23.00 52.40

350 28.00 12.51.00

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 11.40 lowered dory to set trawl
line - dory returned at 4.10 with
two dusky sharks.

	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
 3 specimens Spider Crabs,
 2 Cancer Crabs, several
 Hydroids, few cuttle fish.

567. Same position as No. 2602

No. 2603 Date Oct. 18th 1885

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 79 Surface 77 Drift. 1/4m. SxE.

Trawl or dredge or tangles L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1.33.00	18.00
		100	37.00	15.15
		200	44.00	12.30
		300	48.00	2.10.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Trawl contained
 few crustacea, smelt,
 and hake

No. 2604 Date Oct. 18th 1885
Tanner Machine. Reel.

Turns 33 Cor. + 1 Depth 34

~~Shot or lead~~ 18 lbs.

Bottom yl. S. brk. Sh.

Bottom temperature 79

No. of Thermometer 53734 Cor. -.1

Corrected temperature 78.9

Air 76 Surface 78 Drift. 1/4 m. SxE.

Trawl ~~or dredge or tangles~~ L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.21.00	22.00	0	5.25.11	50.00
21.25	21.30	100	29.20	5.47.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

Trawl contained
 Few large shrimp, 1 cuttle
 fish, many dead shells,
 few live cones, few star
 fish, few small fish.

No. 2605

Date

Oct 18th 1885

Tanner

Machine.

Reel.

Turns 31 Cor. + 1 Depth 32

~~Shot or lead~~ 18 lbs

Bottom wh. S. bk. Sp.

Bottom temperature

79

No. of Thermometer 53734 Cor. - .1

Corrected temperature

78.9

Air 75 Surface 78 Drift. $\frac{1}{4}$ m Sx E

Trawl or dredge or tangles L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.37.00

38.50

0

6.43.00

10.00

37.30

6.38.00

100

48.00

7.07.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

Trawl ^{REMARKS} contained
 Many small squid, 1 octopus
 many small shrimp, few
 shells. many scup & spots,
 few sardines

SLP

No. 2606 Date Oct. 18" 1885

Tanner Machine. Reel.

Turns 25 Cor. + Depth 25

~~Shot~~ lead 18 lbs.

Bottom wh. S. K. Sp.

Bottom temperature 77 -

No. of Thermometer 53734 Cor. -.1

Corrected temperature 76.9

Air 73 Surface 78 Drift. $\frac{1}{4}$ m SKW.

Trawl or dredge or tangles L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7,53.00

54.00

0

7,58.00 20.20

75

8,01.00 8,18.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL 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 large Octopus, number
 of small squid, number of small
 shrimp, few sand dollars,
 scup & few file fish

517. *Am*

No. 2607 Date Oct-19-15
Tanner Machine. Reel.

Turns 18 Cor. + Depth 18

Shot or lead 18 lb

Bottom fine gy s

Bottom temperature 73.5

No. of Thermometer 53754 Cor. - .2

Corrected temperature 73.3

Air 71 Surface 76 Drift. 1/4 6 7/16

Trawl or dredge or tangles L B.

SOUNDING WIRE.

DREDGE ROPE.

DOWNS.

UP.

TURNS.

DOWN.

UP.

DOWNS.	UP.	TURNS.	DOWN.	UP.
6:07.05	6:08.00	0	6:15.00	29.00
		60	18.00	6:28.00
		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.	FATH.	NO. OF THER.	COR.	COR. TEMP.
35				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

At a few feet from surface, a slight
 fine sand observed in the water.
 A large amount of water reported

No. 2608 Date Oct 19 1905

Tanner Machine. Reel.

Turns 22 Cor. + Depth 22

Shot or lead 18

Bottom Cro gy S bk sh

Bottom temperature 78.2

No. of Thermometer 53734 Cor. -.2

Corrected temperature 78

Air 71 Surface 74 Drift 1/4 SSE

Trawl or dredge or tangles CB.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 15.00		0	7.19.00	31.00
		100	20.00	7.30.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

Mostly clear sky for some
 a part of night is dark
 blue

No. 2609 Date Oct. 19

Tanner Machine. Reel.

Turns 22 Cor. + Depth 22Shot or lead 18 lbBottom fine gy. s.Bottom temperature 78.5No. of Thermometer 53734 Cor. -.2Corrected temperature 78.3Air 74 Surface 78 Drift. 4 SSETrawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>8.19</u>		0	<u>8.20.00</u>	<u>42.38</u>
		100	<u>26.58</u>	<u>1.39.13</u>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

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 swim line of S. & S. Salmon
 for 2000

No. 2610 Date Oct-19

Tanner Machine. Reel.

Turns 22 Cor. + Depth 22

Shot or lead 18 lb

Bottom wh s bk sp 10 bk sh

Bottom temperature 78.2

No. of Thermometer 53734 Cor. - .3

Corrected temperature 78.5

Air 74 Surface 75 Drift. 1/4 - SSE

Trawl or dredge or tangles L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.26.00	7.28.00	0	7.32.00	50.00
		100	35.00	47.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

Small bottles used for
 in all aqua. 1000 or 1000.

1877
W. J. Smith

No. *2611* Date *Oct-19*

Tanner Machine. Reel.

Turns *30* Cor. + *1* Depth *31*

Shot or lead *18 lb*

Bottom *bk s bk sh*

Bottom temperature *74*

No. of Thermometer *53724* Cor. *-.1*

Corrected temperature *73.9*

Air *76* Surface *75* Drift *1/4 S 8 W*

Trawl or dredge or tangles *LB*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.30</i>	<i>10.52</i>	0	<i>10.55.</i>	<i>57.00</i>
		100	<i>.39</i>	<i>10.58.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

in the jar

2612

No. 2612 Date Oct 19 1885

Machine. Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 18 lb

Bottom Co wh. s bk sh

Bottom temperature 64

No. of Thermometer 5370 ✓ Cor. - .1

Corrected temperature 66.9

Air 77 Surface 78 Drift. 1/4 N 2/3 E

Trawl or dredge or tangles RB-

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 44. 00	11. 42. 00	0	11. 45. 00	09. 00
		100	51. 40	10. 00
		200 130	52. 00	12. 00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS

Spec. sound device 1 small float

wt. *ms*

No. *2613* Date *Oct 19 1885*

Tanner Machine. Reel.

Turns *164* Cor. *v* *4* Depth *168*

Shot or lead *18 lb*

Bottom *gy s bk sp.*

Bottom temperature *48.3*

No. of Thermometer *55734* Cor. *-.1*

Corrected temperature *48.4*

Air *77* Surface *78* Drift *1/2 N 6*

Trawl or dredge or tangles *L B*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1 41 30</i>		0	<i>1 45:00</i>	<i>36 00</i>
<i>02 00</i>		100	<i>48:00</i>	<i>32 00</i>
<i>03 00</i>		<i>164</i> 200	<i>51:00</i>	<i>29 00</i>
		300	<i>55:00</i>	<i>26 00</i>
		400	<i>59:00</i>	<i>22 00</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

at 1:10 Day left ship back toward land
at 5:50 Day returned being caught in fish

	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.

From surface - 7.

Same Station of 2615-

No. 2614 Date

Machine. Reel.

Turns 164 Cor. + 4 Depth 168

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 77 Surface 78 Drift. $\frac{1}{2}$ NE

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

3.00.00 10.00

100

.02.00 .07.00

200

.08.00 .03.00

300

.11.00 .59.00

400

.14.00 .55.00

500

.16.00 3.50.00

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

The depth of water over the position of this station is the same as 2615-

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Up for 2500 feet - 1000
 Make observations 1000

No. 2615 Date Oct 20th 1885

Tanner Machine. Reel.

Turns 18 Cor. + Depth 18

Shot or lead 18 lb

Bottom gy S.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 75 Drift. $\frac{1}{4}$ m SSE~~Traction or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.07.00		0	6.17.00	34.00
		100	2.0.00	6.32.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS

Dredge contained
a few dead shells & two
small fish

507.

S.R.P.

No. 2616

Date Oct 20 1885

Tanner Machine. Reel.

Turns 17 Cor. +

Depth 17

~~Shot or~~ lead 18 lbs.

Bottom S + P

Bottom temperature not taken

No. of Thermometer

Cor.

Corrected temperature

Air 76 Surface 75 Drift. 1/4 m SSE

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 15.00

0
500

7.20.00 35.00
22.00 7 33.00

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

Tried hand lines for fish: no success

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 shell formation
with shells, coral sponges
byzonia abundant.
Many dead shells etc

No. Hyd 868 Date Oct 20th 1885Tanner Machine. Reel.Turns 15 Cor. + Depth 15~~Shot or lead~~ 18 lbsBottom fine gy. S. bk sh.Bottom temperature 74 $\frac{8}{10}$ No. of Thermometer 53734 Cor. -.2Corrected temperature 74.6Air 76 Surface 77 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8 35.00

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				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. 2617 Date Oct. 20th 1885
 Tanner Machine. Reel.

Turns 14 Cor. + Depth 14

~~Shot or lead~~ 18 lbs

Bottom cor. yl. S. brk. Sh.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 77 Surface 75 Drift. $\frac{1}{4}$ m E

~~Trawl or dredge~~ ~~or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.59.00

0

10-00.30

20.30

500

10.03.00

10.18.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5 mid 3 hand lines for fish
 one bait of mackerel, one of hump, 1 of menhaden
 Caught 1 Sea bass, 1 spot + 1 Sculp

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

Deep shells and green
 with coral of various species
 Sponges bygone
 Small crustacean starfish
 etc. A good haul

No. 2618

Date Oct 20th 1885

Tanner Machine. Reel.

Turns 17 Cor. +

Depth 17

Shot or lead 18

Bottom crs yf S. brk Sh.

Bottom temperature not taken

No. of Thermometer

Cor.

Corrected temperature

Air 76 Surface 74 Drift. $\frac{1}{4}$ m East

Trawl or dredge or trawler S. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10 40.00

0

10 55.00

13.00

50 ¹⁰⁰

57.40

11, 11.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Tried hand lines for fish caught 17
 14 Cases, 2 Scup, 1 dogfish, 1 gaint
 between 10.40 & 10.55 AM.

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.

Coval Hydromic sponge
Crustacean etc

507. SLP

No. 2619

Date Oct 20th 1885

Tanner Machine. Reel.

Turns 15 Cor. + Depth 15

~~Shot or~~ lead 18 lbs

Bottom cor. y. l. S. botk, Sh. r. tr. Co.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 74 Drift. 1/4 m SE

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.38.00

0

11.19.00 33.00

50

.21.00 11.31.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Tried hand lines for fish : caught
 2 sea bass
 between 11.33 & 11.40

	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				

Drage contained
REMARKS

Many sea shells and
a little coral

No. 2620 Date Oct 20 1885

Tanner Machine. Reel.

Turns 15 Cor. + Depth 15

~~Shot or lead~~ 18 lbs

Bottom gy S. rtn. Co.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 78 Surface 75 Drift. $\frac{1}{4}$ m ESE

Trawl or dredge or tangles S.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1150.00

0

12.13.00

30.10.00

4800

" 14.40

28.00.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Tried haul lines for fish
 Caught 15 sea hawks
 between 1150 & 12:10 AM

Tried haul lines again after trawl came up
 and caught 16 sea hawks.

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

Coar. sponge & dead shells

No. 2621 Date Oct 20th 1885

Tanner Machine. Reel.

Turns 9 Cor. + Depth 9

Shot or lead 18 lbs.

Bottom gy. S. brk. Co.

Bottom temperature 74

No. of Thermometer 53734 Cor. - 2

Corrected temperature 73.5

Air 76 Surface 75 Drift. 1/4 m ESE

Trawl or dredge or tangles S.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.37.00

0

1.54.00 10.20

~~45.00~~

56.00 2.09.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5 wild hand lines for fish
 caught 1 fish - Puffers

	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

Coral sponge Hydroids
(Shell sand)

No. 2622 Date Oct 20th 1885
Tanner Machine. Reel.

Turns 15 Cor. + Depth 15

Shot or lead 18 lbs

Bottom gy. S. brk Co.

Bottom temperature not taken

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 74 Drift. $\frac{1}{4}$ m ESE

Trawl or dredge or tangles S B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.02.00

0

3.48.00 02.00

50 100

50.00 4.00.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 3.00 Dory left to set trawl line
Dory returned at 5.20
Caught 12 Bass, 1 shark, 1 Grouper, 1 Blue fish

Tried hand lines for fish
Caught 40 Bass between 3.40 & 3.40 P.M.

Tried hand lines again at this station
and caught 60 Bass, 3 Grouper
between 5.15.30

	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 sponge

507. Same position as 2622

No. 2623 Date Oct 20th 1885

Machine. Reel.

Turns 15 Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface

Trawl or dredge or tangles

Drift $\frac{1}{4}$ m ESE

SB

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4.09.00	2400
		100	.10.40.4	2200
		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				

Trawl contained

REMARKS.

Large sponges, ascidians
 few shells one polychaete

W. J. W.

No. 2624 Date Oct 2 1881

Sigsbee Machine. Reel.

Turns 234 Cor. + 24 Depth 258

Shot or lead 35 lb

Bottom gy. s. bk. sp.

Bottom temperature 46

No. of Thermometer 03734 Cor. -.2

Corrected temperature 45.8

Air 71 Surface 78 Drift 1/2 S 1/2 W

Trawl or dredge or tangles L B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 02 00	6 12 00	0	6 27 00	30 00
05 00	11 00	100	31 00	33 00
06 00	10 00	200	05 00	30 00
07 00	09 00	300	39 00	28 00
		400	43 00	25 00
		500	07 00	7 21 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.	FOR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Depth 2500 m. in 1000 fathoms
 by 1000 fathoms, and at 1000

No. 2625 Date 5/2/06

Sigsbee Machine. / Reel.

Turns 225 Cor. + 22 Depth 247

Shot or lead 35 lb

Bottom gy. s. bk. sp

Bottom temperature 44

No. of Thermometer 55704 Cor. - .2

Corrected temperature 45.8

Air 70 Surface 76 Drift 12 S 16 E

Trawl or dredge or tangles 2, 3

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 52.00	7 45.00	0	7 54.00	9 01.00
42.50	45.00	100	54.00	68.00
42.14	45.00	200	59.00	08.00
		300	1.02.00	52.00
		400	1.06.00	49.00
		500	1.10.00	47.00
		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.

Handwritten notes in cursive script, mostly illegible due to fading and bleed-through.

No. 2626 Date 8/21/08

Machine. Reel.

Turns 322 Cor. 31 Depth 353

Shot or lead 31 lb

Bottom gy s.

Bottom temperature 43

No. of Thermometer 5575 Cor. - .3

Corrected temperature 39.7

Air 69 Surface 76 Drift. 1/2 S 1/2 E

Trawl or dredge or tangles LTB

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
16, 30.20	43.00	0	10, 50.00	21.00
31.00		100	55.00	17.00
32.00		200	11.00.00	14.00
43, 20		300	15.00	10.00
30.00		400	19.00	17.00
		500	18.00	15.00
		600	18.00	12.00
		700	23.00	11.56.00
		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.

Handwritten notes in cursive script, mostly illegible due to fading and bleed-through.

507. *W. H. H.*

No. *2527* Date *Oct 27 1881*

Sigsbee Machine.) Reel.

Turns *400* Cor. + *37* Depth *437*

Shot or lead *35 lb*

Bottom *gl. M*

Bottom temperature *39.2*

No. of Thermometer *55734* Cor. *-.2*

Corrected temperature *39.0*

Air *69* Surface *77* Drift. *2 1/2*

Trawl or dredge or tangles *L 18*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.47.20</i>	<i>3.01.0</i>	0	<i>2.02.00</i>	<i>42.00</i>
<i>1.48.00</i>	<i>2.55.0</i>	100	<i>11.00</i>	<i>37.00</i>
<i>1.49.00</i>	<i>1.59.00</i>	200	<i>16.50</i>	<i>36.00</i>
<i>1.50.00</i>	<i>1.57.11</i>	300	<i>18.10</i>	<i>33.00</i>
<i>1.51.00</i>	<i>1.55.00</i>	400	<i>23.00</i>	<i>30.00</i>
		500	<i>25.00</i>	<i>27.00</i>
		600	<i>30.00</i>	<i>24.00</i>
		700	<i>35.00</i>	<i>21.00</i>
		800	<i>38.00</i>	<i>17.00</i>
		900	<i>41.00</i>	<i>13.00</i>
		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.

1374010000

No. 2628 Date Sep 21

Machine. / Reel.

Turns 480 Cor. + 48 Depth 528

Shot or lead 35 lb

Bottom yf mud

Bottom temperature 38.2

No. of Thermometer 53734 Cor. - 2

Corrected temperature 38.5

Air 70 Surface 77 Drift 1/2 West

Trawl or dredge or tangles L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.59.00	17.00	0	5.51.00	
6.01.00	16.00	100	55.00	53.00
03.00	15.00	200	59.00	50.00
05.00	14.00	300	42.00	46.00
07.00	12.00	400	46.00	43.00
09.00	11.00	500	50.00	39.00
		600	14.00	35.00
		700	18.00	31.00
		800	22.00	27.00
		900	26.00	22.00
		1000	30.00	17.00
		1100	34.00	13.00
		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	80.4	53734	-.1	79.9
50	77.2	53734	-.1	77.6
100	59.1	53734	-.1	59
200	48.2	53734	-.2	48
300	46.7	53734	-.2	46.5
400	40.2	53734	-.3	40.2
500				
600				
700				
800				
900				
1000				

REMARKS.

in Sigs. Manual

No. *Hyd 869* Date *Feb'y 23rd 1886*
Sigsbee Machine. 1 Reel.

Turns *510* Cor. + *47* Depth *557*

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

Bottom *gy S. + bk Sp.*

Bottom temperature *40*

No. of Thermometer *53734* Cor. *-.3*

Corrected temperature *39°*

Air *69* Surface *70* *Cur* *Drift.* *None*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.36.00</i>	<i>48.30</i>	0		
<i>37.00</i>	<i>47.30</i>	100		
<i>38.00</i>	<i>46.40</i>	200		
<i>39.00</i>	<i>45.40</i>	300		
<i>40.15</i>	<i>44.50</i>	400		
<i>41.30</i>	<i>43.30</i>	500		
<i>41.40</i>	<i>43.20</i>	<i>510</i>		
		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 870* Date *Feb'y 23rd '86**Sigsbee* Machine. *1* Reel.Turns *522* Cor. + *48* Depth *570*~~Shot~~ lead *35 lbs*Bottom *gy. s. bk sp.*Bottom temperature *40*No. of Thermometer *53734* Cor. *- .3*

Corrected temperature

Air *71* Surface *68* ^{*39.7*} _{*Drift.*} *none*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12 00 30</i>	<i>14 15</i>	0		
<i>01 40</i>	<i>13 15</i>	100		
<i>02 55</i>	<i>12 10</i>	200		
<i>04 15</i>	<i>11 20</i>	300		
<i>05 40</i>	<i>10 25</i>	400		
<i>07 15</i>	<i>09 20</i>	500		
<i>07 50</i>	<i>09 00</i>	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. *H 871* Date *Feb'y 23^d 86*
Sigsbee Machine. 1 Reel.

Turns *524* Cor. + *48* Depth *572*

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

Bottom *gy S. & bk Sp.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. - *3*

Corrected temperature

Air *73* Surface *73* ^{*39.7*} *Drift. none*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1.30.00</i>	<i>42.20</i>	0		
<i>30 45</i>	<i>41.20</i>	100		
<i>31 40</i>	<i>40.20</i>	200		
<i>32 45</i>	<i>39.20</i>	300		
<i>33.50</i>	<i>38.00</i>	400		
<i>34 55</i>	<i>37.00</i>	500		
<i>35.10</i>	<i>36.40</i>	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 872 Date February 23rd 86
 Sigbee Machine. | Reel.

Turns 533 Cor. + 48 Depth 581

Shot or lead 35 lbs

Bottom gy S. br Sp.

Bottom temperature 40

No. of Thermometer 53734 Cor. - .3

Corrected temperature

Air 86 Surface 74^{cur} Drift. ^{35.7} none

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 58.00	09.50	0		
58.45	08.50	100		
59.40	07.50	200		
3, 00.40	06.50	300		
01.45	05.50	400		
02.50	04.40	500		
03.20	04.30	533 600		
		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 873* Date *Feb'y 23rd 86*
Sigsbee Machine. Reel.

Turns *550* Cor. *50* Depth *600*

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

Bottom *wh. s.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. *-.3*

Corrected temperature

Air *86* Surface *74* Drift. *sur 35.2 none*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4 44.40</i>	<i>57.55</i>	0		
<i>45.40</i>	<i>56.50</i>	100		
<i>46.45</i>	<i>55.05</i>	200		
<i>47.50</i>	<i>55.00</i>	300		
<i>48.50</i>	<i>58.10</i>	400		
<i>50.00</i>	<i>52.40</i>	500		
<i>50.50</i>	<i>52.00</i>	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 874* Date *Feb 23rd 86*
Sigsbee Machine. | Reel.

Turns *571* Cor. + *52* Depth *623*

Shot on lead *35 lbs.*

Bottom *gy. S. Hk Sp.*

Bottom temperature *39.2*

No. of Thermometer *53734* Cor. *- .3*

Corrected temperature

Air *71* Surface *70* *39.2*
Drift. none

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>6 45.15</i>	<i>7 01.00</i>	0		
<i>46 30</i>	<i>59.00</i>	100		
<i>47 30</i>	<i>57.55</i>	200		
<i>48 30</i>	<i>56.50</i>	300		
<i>49 40</i>	<i>55.50</i>	400		
<i>50 50</i>	<i>54.30</i>	500		
<i>51 50</i>	<i>53.20</i>	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	TIME	NO. OF THER.	COR.	WIND TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

OUT.

No. 875 Date Feb 23^d 1886

Machine. 1 Reel.

Turns 700 Cor. + 62 Depth 762

Shot or lead 35-lb

Bottom *gy.*

Bottom temperature 40

No. of Thermometer 53784 Cor. - 3

Corrected temperature

Air 67. Surface 70 Drift. *Surf 3.5
Down*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
8 20-00	36.30	0
21.30	36.00	100
22.20	35.20	200
23.35	34.30	300
24.50	33.40	400
26.00	32.50	500
27.25	31.50	600
29.00	30.00	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.	DIAL.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
1000				

REMARKS.

W. Ann

No. 876 Hyd. Date Feb. 23"

Sigsbee Machine. / Reel.

Turns 2665 Cor. + 180 Depth 2840

Shot or lead 55 lb

Bottom Gy

Bottom temperature 37

No. of Thermometer 53734 Cor. -.2

Corrected temperature

Air 70 Surface 70 - Drift. ^{36.6} _{1 hour}

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9. 58.00	26.30	0		
58.40	25.45	100		
10. 02.20	25.00	200		
01.20	24.05	300		
02.50	23.10	400		
04.15	22.30	500		
06.40	21.20	600		
07.30	20.30	700		
08.30	19.30	800		
11.00	18.30	900		
13.05	17.30	1000		
14.55	16.30	1100		
17.00	15.30	1200		
19.30	14.00	1300		
20.30	13.00	1400		
22.35	11.30	1500		
24.30	10.00	1600		
26.25	08.30	1700		
28.15	07.00	1800		
30.05	05.45	1900		
32.00	04.00	2000		
34.20	02.30	2100		
36.00	11.00.00	2200		
38.00	59.00	2300		
40.00	10.57.30	2400		

10.22.00	55.20	2500	
11.4.32	52.00	2600	
11.5.10	50.10	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.

Small amount of *Trachiptera*
transmontana and *Pteropoda*
abundant

No. *Hyd. 877* Date *Feb. 24th 1886**Sigsbee* Machine. / Reel.Turns *3005* Cor. + *191* Depth *3196*Shot or lead *35 lb.*Bottom *avg*Bottom temperature *37*No. of Thermometer *53734* Cor. - *2*

Corrected temperature

Air *68* Surface *69* *air 86.6*
Drift. N. 1/2 W.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

a.m.

<i>12.51.00</i>	<i>43.15</i>	0		
<i>53. -</i>	<i>42.30</i>	100		
<i>54.10</i>	<i>41.45</i>	200		
<i>55.20</i>	<i>41.00</i>	300		
<i>56.45</i>	<i>40.15</i>	400		
<i>58.00</i>	<i>39.30</i>	500		
<i>59.30</i>	<i>38.40</i>	600		
<i>1.01.15</i>	<i>37.50</i>	700		
<i>02.45</i>	<i>37.00</i>	800		
<i>04.00</i>	<i>36.10</i>	900		
<i>06.00</i>	<i>35.15</i>	1000		
<i>08.10</i>	<i>34.15</i>	1100		
<i>10.15</i>	<i>33.15</i>	1200		
<i>12.15</i>	<i>32.00</i>	1300		
<i>14.30</i>	<i>30.45</i>	1400		
<i>16.00</i>	<i>29.30</i>	1500		
<i>18.00</i>	<i>28.30</i>	1600		
<i>20.15</i>	<i>27.15</i>	1700		
<i>22.00</i>	<i>26.15</i>	1800		
<i>24.00</i>	<i>25.15</i>	1900		
<i>26.00</i>	<i>23.30</i>	2000		
<i>27.45</i>	<i>21.45</i>	2100		
<i>30.00</i>	<i>20.00</i>	2200		
<i>32.10</i>	<i>18.15</i>	2300		
<i>34.15</i>	<i>16.15</i>	2400		

36.15	11.15	2500
38.30	12.15	2600
40.45	10.15	2700
42.00	09.15	2800
43.00	05.00	2900
44.00	2.01.00	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.

For surface wind and
 temperature observations

No. *Hyd. 878* Date *Feb. 24 1886*
Sigsbee Machine. 1 Reel.

Turns *1300* Cor. + *107* Depth *1407*

Shot or lead *60 lbs.*

Bottom *hard no specimen*

Bottom temperature *38*

No. of Thermometer *53734* Cor. *-.2*

Corrected temperature

Air *69* Surface *71* *37.8*
Cur. 8
 Drift. *none*

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>2.30</i>				
<i>4.30.00</i>	<i>50.00</i>	0		
<i>21.00</i>	<i>49.00</i>	100		
<i>22.00</i>	<i>48.00</i>	200		
<i>23.00</i>	<i>47.05</i>	300		
<i>24.00</i>	<i>46.05</i>	400		
<i>25.00</i>	<i>45.10</i>	500		
<i>26.00</i>	<i>44.15</i>	600		
<i>27.00</i>	<i>43.15</i>	700		
<i>28.00</i>	<i>42.00</i>	800		
<i>29.00</i>	<i>40.45</i>	900		
<i>30.00</i>	<i>39.30</i>	1000		
<i>31.05</i>	<i>38.00</i>	1100		
<i>32.10</i>	<i>36.30</i>	1200		
<i>33.15</i>	<i>4.35.00</i>	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.

6/10/87.

No. *Hyd 879* Date *Febry. 24 1886*

Sigsbee Machine. 1 Reel.

Turns *634* Cor. + *57* Depth *691*

Shot or lead *35 lbs.*

Bottom *gy. S.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. - *3*

Corrected temperature

Air *69* Surface *71*

cut 5.2
Drift. *None*

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.30</i>				
<i>6.02.30</i>	<i>19.10</i>	0		
<i>03.45</i>	<i>18.30</i>	100		
<i>05.00</i>	<i>17.50</i>	200		
<i>06.00</i>	<i>17.00</i>	300		
<i>07.00</i>	<i>16.00</i>	400		
<i>08.15</i>	<i>15.00</i>	500		
<i>09.30</i>	<i>13.45</i>	600		
<i>10.15</i>	<i>6.13. -</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

SUBIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THERM.	DUR.	COR. TEMP.
15				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Kyd. 880* Date *Feby. 24th 1886**Sigsbee* Machine. 1 Reel.Turns *570* Cor. + *52* Depth *622*Shot or lead *25 lbs.*Bottom *sl. oz. and gy. S.*Bottom temperature *39.5*No. of Thermometer *53734* Cor. - *3*

Corrected temperature

Air *69* Surface *71* Drift. *cur. S. 2*
W. 2

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*a. m.**7. 41. 00**55. 30*

0

*42. 10**54. 45*

100

*43. 15**53. 50*

200

*44. 15**53. 00*

300

*45. 20**52. 00*

400

*46. 45**51. 00*

500

*47. 30**7. 50. 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.

157. S.P.

No. 481 Date Feb 24 1886

Sigsbee Machine. 1 Reel.

Turns 581 Cor. + 52 Depth 633

~~Shot~~ or lead 35 lbs

Bottom gy 7 br S.

Bottom temperature 39.14

No. of Thermometer 52724 Cor. - .3

Corrected temperature

35.5
Corr. - None
Drift.

Air 70 Surface 71

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9 10,30	23.20	0		
11,30	22,35	100		
12,25	21,45	200		
13,30	20,55	300		
14,30	19,55	400		
15,35	19 00	500		
16,15	18 00	581		
		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 TUBE.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 882* Date *Feb 24 '86*
Sigsbee Machine. Reel.

Turns *621* Cor. + *56* Depth *677*

~~Shot or lead~~ *35 lbs*

Bottom *br. S.*

Bottom temperature *39 2/10*

No. of Thermometer *53734* Cor. *- .2*

Corrected temperature *38.8*

Air *72* Surface *71* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.41.40</i>	<i>54.50</i>	0		
<i>42.30</i>	<i>54.00</i>	100		
<i>43.30</i>	<i>53.10</i>	200		
<i>44.25</i>	<i>52.15</i>	300		
<i>45.20</i>	<i>51.15</i>	400		
<i>46.25</i>	<i>50.10</i>	500		
<i>47.30</i>	<i>49.05</i>	600		
<i>48.00</i>	<i>48.55</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.
15				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. *Hyd 883* Date *Feb'y 24' 86*
Sigsbee Machine. / Reel.

Turns *647* Cor. + *58* Depth *705*

~~Shot or lead~~ *35 lb.*

Bottom *gy and br s.*

Bottom temperature *39.4*

No. of Thermometer *53734* Cor. - *.3*

Corrected temperature *39.1*

Air *74* Surface *71* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>12.08.00</i>	<i>23.00</i>	0		
<i>09.10</i>	<i>22.00</i>	100		
<i>10.15</i>	<i>21.00</i>	200		
<i>11.15</i>	<i>20.00</i>	300		
<i>12.20</i>	<i>19.00</i>	400		
<i>13.20</i>	<i>18.00</i>	500		
<i>14.30</i>	<i>16.50</i>	600		
<i>15.00</i>	<i>16.00</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.

No. *Hyd 884* Date *Feb'y 24 '86*
Sigsbee Machine. Reel.

Turns *700* Cor. + *62* Depth *762*

Shot ~~or lead~~ *60*

Bottom *For.*

Bottom temperature *39.5*

No. of Thermometer *53734* Cor. - *.3*

Corrected temperature *39.2*

Air *70* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>208.20</i>	<i>22.30</i>	0		
<i>09.20</i>	<i>21.50</i>	100		
<i>10.10</i>	<i>21.00</i>	200		
<i>11.05</i>	<i>20.20</i>	300		
<i>12.05</i>	<i>19.25</i>	400		
<i>13.10</i>	<i>18.25</i>	500		
<i>14.05</i>	<i>17.25</i>	600		
<i>15.10</i>	<i>16.15</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.
45				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

885

Date

Feb 24 1886

Machine. / Reel.

Turns / ~~1125~~ Cor. +

Depth

Shot ~~on lead~~

35

Bottom

Bottom temperature

No. of Thermometer 53734 Cor.

Corrected temperature

Air

Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

16.00	17.50	0		
17.10	16.40	100		
18.30	15.10	200		
19.40	14.00	300		
21.10	13.40	400		
22.40	12.30	500		
24.00	11.10	600		
25.00	09.50	700		
26.50	08.30	800		
28.15	07.05	900		
32.00	05.30	1000		
33.40	03.50	1100		
5.01.00	0.00.00	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:

No.

885

Date Feb 24 1886

Sigsbee Machine. 1 Reel.

Turns 2430 Cor. + 169 Depth 2599

Shot or lead 60

Bottom

Bottom temperature

No. of Thermometer 53734 Cor.

Corrected temperature

Air 71 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
25.10		0		
25.50		100		
27.40		200		
28.20		300		
28.50		400		
29.50		500		
30.50		600		
31.50		700		
33.00		800		
34.00		900		
35.00		1000		
36.30		1100		
38.00		1200		
39.00		1300		
40.00		1400		
41.40		1500		
43.00		1600		
44.30		1700		
45.50		1800		
47.00		1900		
48.30		2000		
49.50		2100		
51.20		2200		
52.40		2300		
53.50	56.50	2400		

Lead 2386 tons wire 1 specimen cup
 1 thermometer small lead - 100m over
 impure ammoniacal water

107675	07.01	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	DIB.	DIB. TEMP.
25				
50				
100				21.0
200				20.2
300				19.7
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Current 2000-2100 21 22 23 24 25

No. Hyd 886 Date Feb 28 86

Sigsbee Machine. / Reel.

Turns 2623 Cor. + 138 Depth 2761

Shot or lead 60

Bottom

Bottom temperature

No. of Thermometer 54812 Cor.

Corrected temperature

Air 70 Surface 71 Drift. 2x. (S x E) / hr

Trawl or dredge or tangles none S x W

SOUNDING WIRE.			DREDGE ROPE.		
AM	DOWN.	UP.	TURNS.	DOWN.	UP.
	6 45 00	56.00	0		
	46 00	55 00	100		
	47 00	54.35	200		
	47 50	53 50	300		
	48 45	53 00	400		
	49 40	52 10	500		
	50 30	51 20	600		
	51 30	50 25	700		
	52.35	49 25	800		
	53.30	48 20	900		
	54 45	47.15	1000		
	56.00	46 10	1100		
	57 00	45 00	1200		
	58 15	43 50	1300		
	59 30	42 30	1400		
7	00 45	41 10	1500		
	02 00	39 40	1600		
	03 20	38 20	1700		
	04 35	36 50	1800		
	05 55	35.20	1900		
	07 05	33 40	2000		
	08 35	32 00	2100		
	10 00	30.15	2200		
	11 20	28 30	2300		
	12 40	26 40	2400		

Lost 1 sounding cup. 1 Thermometer
 1 Tanner impaired case

14 25	2443	2500	
18 30	2130	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

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

REMARKS

W. AM

No. 857 Date Feb 26 1886

Sigsbee Machine. 1 Reel.

Turns 2445 Cor. + 134 Depth 2589

Shot or lead 60

Bottom br Gg.

Bottom temperature *

No. of Thermometer 53731 Cor.

Corrected temperature

Air 73 Surface 72 Drift. 1/2 N 1/2 W

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
4 12.00	21.30	0		
15 10	42.10	100		
16.35	41.00	200		
18.05	40.00	300		
19.30	39.00	400		
21.10	38.00	500		
22.40	37.00	600		
24.15	36.00	700		
25.40	35.00	800		
27.25	34.00	900		
29.00	33.00	1000		
30.30	32.20	1100		
32.40	30.50	1200		
33.50	29.00	1300		
35.30	27.45	1400		
36.50	26.45	1500		
38.35	25.30	1600		
40.00	24.00	1700		
41.25	22.00	1800		
43.30	20.30	1900		
45.35	19.00	2000		
47.20	17.00	2100		
49.00	15.10	2200		
50.50	5 01.00	2300		
52.20	08.40	2400		

* Thermometer found with stop line and also and trap

26. 20 4, 38.00

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.

Shd. merge 65 lbs in the can
 100 lbs 55 lbs in the water
 - 100 lbs of water
 - 100 lbs of water

No. 888 Date Feb. 26, 1886.

Sigsbee Machine, 1 Reel.

Turns 2572 Cor. + 137 Depth 2709

Shot or lead 60 lbs.

Bottom br. oz.

Bottom temperature 37

No. of Thermometer 53731 Cor. - 3

Corrected temperature 36.7

Air 74 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.70.				
10.40. -	50.45	0		
41.20	50.00	100		
42.30	49.10	200		
43.45	48.15	300		
44.50	47.15	400		
46.00	46.20	500		
47.15	45.20	600		
48.30	44.30	700		
49.50	43.35	800		
51.10	42.45	900		
52.30	41.45	1000		
53.45	40.40	1100		
55.00	39.30	1200		
56.15	38.30	1300		
57.45	37.20	1400		
59.10	36.30	1500		
11.00.45	35.15	1600		
03.00	34.30	1700		
04.45	33.00	1800		
06.50	31.30	1900		
08.20	30.00	2000		
10.00	26.45	2100		
11.45	25.00	2200		
13.15	23.45	2300		
14.45	11.22.00	2400		

11.16.20	20.25	2500	
17.25	11.15.15	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE

DEPTH	TEMP.	SOL. OF THERM	WIND	DIR. WIND
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

687.

No. 589 Date Feb. 26th 1886

Sigsbee Machine. / Reel.

Turns 2504 Cor. + 135 Depth 2639

Shot or load 60 lbs -

Bottom br. oz.

Bottom temperature 37.7

No. of Thermometer 53731 Cor. - .3

Corrected temperature 37.6

Air 76 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.59.00	02. -	0		
59.40	01.10	100		
3.00.45	4.00.30	200		
06.55	50.50	300		
03.00	59.05	400		
04.15	58.20	500		
05.25	57.30	600		
06.30	56.30	700		
07.45	55.30	800		
09.00	54.30	900		
10.20	53.30	1000		
11.40	52.30	1100		
13.00	51.30	1200		
14.20	50.20	1300		
15.40	49.10	1400		
17.00	47.50	1500		
18.20	46.30	1600		
19.45	45.10	1700		
21.15	43.50	1800		
22.45	42.20	1900		
24.15	41.00	2000		
25.30	39.30	2100		
27.00	38.00	2200		
28.30	36.30	2300		
30.00	3.35. -	2400		

3. 3. 20 2. 2. 2. -

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

SERIAL TEMPERATURE,

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

REMARKS

Ex. copied to date

No. Hyd 890 Date Feb 26th 1886
 Sigbee Machine. 1 Reel.

Turns 1061 Cor. + 74 Depth 1135

Shot or lead 35

Bottom hrd

Bottom temperature 39

No. of Thermometer 53731 Cor. -.4

Corrected temperature 38.6

Air 74 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.52.00	20.00	0		
54.20	19.00	100		
56.00	18.20	200		
57.10	17.35	300		
58.40	16.50	400		
7 00 00	15.55	500		
01.25	15.00	600		
03.00	14.00	700		
04.40	13.00	800		
06.20	12.00	900		
08.00	11.00	1000		
09.00	10.40	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 tubes.	Time.	Wind, 11 AM.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. *Hyd 891* Date *Feb'y 27" 86*
Sigsbee Machine. | Reel.

Turns *497* Cor. + *38* Depth *535*

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

Bottom *co.*

Bottom temperature *44.2*

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

Corrected temperature *43.8*

Air *77* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>12,54,10</i>	<i>06.00</i>	0		
<i>55,25</i>	<i>05.05</i>	100		
<i>56,35</i>	<i>04.15</i>	200		
<i>57,45</i>	<i>03.20</i>	300		
<i>58,55</i>	<i>02.15</i>	400		
<i>1.00,10</i>	<i>01.00</i>	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 TUBE.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hyd 892 Date Feb 27th '86
 Sigsbee Machine. 1 Reel.

Turns 1184 Cor. + 80 Depth 1264

Shot or lead 35 lbs

Bottom wh. Co. S.

Bottom temperature 38 $\frac{1}{2}$

No. of Thermometer 53731 Cor. - .3

Corrected temperature 38.2

Air 77 Surface 76 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 56.45	27.30	0		
58 10	26.40	100		
59.30	25.50	200		
2.00.50	24.55	300		
02.20	24.00	400		
03.40	23.00	500		
05.00	21.55	600		
06.30	20.50	700		
07.50	19.40	800		
09 20	18.30	900		
10.50	17.10	1000		
12.15	15.55	1100		
13.20	14.30	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 893* Date *Feby 27" '86*
Sigsbee Machine. / Reel.

Turns *1183* Cor. + *80* Depth *1263*

~~Shot~~ lead *35 lbs*

Bottom *lt br. Oz.*

Bottom temperature *38½*

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

Corrected temperature *38.2*

Air *79* Surface *77* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.17.20</i>	<i>47.50</i>	0		
<i>18.40</i>	<i>46.50</i>	100		
<i>20.00</i>	<i>46.00</i>	200		
<i>21.10</i>	<i>45.05</i>	300		
<i>22.25</i>	<i>44.00</i>	400		
<i>23.40</i>	<i>43.00</i>	500		
<i>25.05</i>	<i>41.55</i>	600		
<i>26.30</i>	<i>40.50</i>	700		
<i>27.55</i>	<i>39.35</i>	800		
<i>29.25</i>	<i>38.20</i>	900		
<i>30.50</i>	<i>37.00</i>	1000		
<i>32.15</i>	<i>35.40</i>	1100		
<i>33.30</i>	<i>34.30</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.	TIME.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. 894

Date March 9 1876

Machine. Z Reel.

Turns 778 Cor. 72 Depth 850

Shot or lead 35

Bottom Co. S.

Bottom temperature 39.5

No. of Thermometer 32701 Cor. -.4

Corrected temperature 39.7

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7 00	30 10	0		
05 25	29 50	100		
07 30	29 25	200		
11 00	26 00	300		
12 25	25 00	400		
14 00	24 30	500		
15 15	23 55	600		
16 30	23 50	700		
17 40	23 25	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.

Watch 10 min fast-

No. 895 Date March 8/98
Sigsbee Machine. 2 Reel.

Turns 600 Cor. + 57 Depth 657

Shot or lead 35 lb

Bottom Co. S.

Bottom temperature 40.5

No. of Thermometer 53731 Cor. -.4

Corrected temperature 40.1

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

16.35	31.55	0		
17.30	31.00	100		
18.35	30.05	200		
19.50	29.10	300		
21.00	28.15	400		
22.15	27.00	500		
23.00	8.25.30	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.	TIME.	NO. OF THERM.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 896 Hyd. Date March 8th 1886.

Sigsbee Machine. 2 Reel.

Turns 932 Cor. + 85 Depth 1017

Shot or lead 35 lbs -

Bottom Co. S.

Bottom temperature 39

No. of Thermometer 53731 Cor. - .3

Corrected temperature

38.7

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0 m.				
8.40.15	15.20	0		
50.30	14.30	100		
51.35	13.35	200		
52.40	12.40	300		
53.50	11.40	400		
55.00	10.40	500		
56.10	09.30	600		
57.20	08.10	700		
58.50	06.50	800		
0.00.10	05.20	900		
03.30	05.00	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 THER.	DIR.	DIR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 897 Hyd. Date March 8th 1886.

Sigsbee Machine. 2 Reel.

Turns 528 Cor. + 50 Depth 578

Shot or lead 35 lbs. -

Bottom Co. S.

Bottom temperature 42.7

No. of Thermometer 53731 Cor. -.4

Corrected temperature 42.3

Air 78 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.40.15	56.00	0		
11.15	55.10	100		
12.20	54.10	200		
13.30	53.10	300		
14.50	52.10	400		
16.15	50.45	500		
17.20	49.00	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.	TIME.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 898 Syd. Date March 8th 1886.

Sigsbee Machine. 2 Reel.

Turns 105 Cor. + 10 Depth 115

Shot or lead 35 lbs. -

Bottom wh. S. Co.

Bottom temperature 68

No. of Thermometer 53731 Cor. - .2

Corrected temperature 67.8

Air 75 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.38

40.15

0

38.55

10.29.10

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. 2629 Date March 8 1886.
Sigsbee Machine. 2 Reel.

Turns 1075 Cor. + 94 Depth 1169

Shot or lead 35 lbs

Bottom co. s.

Bottom temperature 38.7

No. of Thermometer 53731 Cor. - .3

Corrected temperature 38.4

Air 73 Surface 73 Drift. 2 1/2 m S x 1/4 W

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>a.m.</i>			<i>p.m.</i>	
11 10.	35.50	0	12 07.	09.00
11.	35.05	100	12.15	05.00
12.	34.20	200	16.30	03.45
13.	33.30	300	20.25	3.01.30
14.05	32.20	400	24.30	59.00
15.15	31.10	500	28.25	55.45
16.25	30.00	600	32.40	52.00
17.35	28.50	700	36.45	50.15
18.50	27.30	800	40.40	47.15
20.05	26.40	900	44.30	43.15
21.20	25.30	1000	48.25	35.45
22.15	11.24.15	1100	52.15	30.00
		1200	05.00	23.45
		1300	08.45	17.45
		1400	1.02.40	06.00
		1500	06.30	2.02.00
		1600	10.15	57.00
		1700	14.00	52.00
		1800	24.45	1.48.00
		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.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. Trawl contents
 several clams, 1 large clam;
 several pieces of wood, 1 stopper;
 several small shells, some small
 shells but contained a quantity
 of small shells, ophiuroid shells and
 some other specimens.

No. 899 Hydro. Date March 8th 1886

Sigsbee Machine. 2 Reel.

Turns 775 Cor. + 70 Depth 845

Shot or lead 35 lbs -

Bottom Co. S. bk. sp.

Bottom temperature 39.5

No. of Thermometer 53731 Cor. - .4

Corrected temperature 35.2

Air 74 Surface 75 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

DOWN.	UP.	TURNS.
3 44.30	02.00	0
45.30	01.15	100
46.30	4.00.30	200
47.35	59.40	300
48.40	58.45	400
49.50	57.15	500
51.05	56.45	600
52.20	55.45	700
53.15	2.55.00	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.

No. *Hyd 900* Date *March 8th 1886**Sigsbee* Machine. *2* Reel.Turns *680* Cor. *61* Depth *1741*Shot ~~*35*~~ *35* lbsBottom *wh S. rd + bk Sp. For.*Bottom temperature *39.9*No. of Thermometer *53731* Cor. *.4*Corrected temperature *39.5*Air *73* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.49.30</i>	<i>05.00</i>	0		
<i>50.40</i>	<i>04.10</i>	100		
<i>51.45</i>	<i>03.30</i>	200		
<i>52.50</i>	<i>02.40</i>	300		
<i>54.00</i>	<i>02.10</i>	400		
<i>55.05</i>	<i>5.01.00</i>	500		
<i>56.25</i>	<i>59.50</i>	600		
<i>57.15</i>	<i>59.00</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.

No. *Hyd 901* Date *March 8th 1886*
Sigsbee Machine. Reel.
 Turns *20* Cor. + *2* Depth *22*
~~Shot~~ lead *35 lbs.*
 Bottom *wh. S. br. Sp. Sh.*
 Bottom temperature *74 1/2*
 No. of Thermometer *53731* Cor. *.2*
 Corrected temperature *74.3*
 Air *73* Surface *74* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.54.30</i>	<i>5.56.00</i>	0		
<i>54.50</i>	<i>55.20</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	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. *

917. *C. M.*

No. 902 Date March 8th 1886

Sigsbee Machine. Reel.

Turns 2038 Cor. + 156 Depth 2194

~~Shot or lead~~ 35 lbs.

Bottom brn M Co S -

Bottom temperature 37.5

No. of Thermometer 53731 Cor. - .3

Corrected temperature 37.2

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.36.20	42.40	0		
37.45	41.30	100		
39.00	40.30	200		
40.10	39.30	300		
41.30	38.30	400		
42.45	37.30	500		
44.00	36.30	600		
45.25	35.00	700		
46.50	34.00	800		
48.15	32.30	900		
49.50	31.30	1000		
52.10	30.00	1100		
54.05	28.00	1200		
56.00	26.30	1300		
57.45	25.00	1400		
59.30	23.00	1500		
8.01.20	21.00	1600		
02.55	19.00	1700		
05.30	17.00	1800		
06.20	15.00	1900		
07.30	12.30	2000		
08.00	11.30	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.	TIME	WIND (KNOTS)
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
1000				
1100				

REMARKS

No. 903

Date March 20 1896

Machine. 2 Reel.

Turns 2311 Cor. + 171 Depth 2482

Shot ~~on lead~~ 60 lb

Bottom brn oz

Bottom temperature 37

No. of Thermometer 03731 Cor. - .3

Corrected temperature 36.7

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-18-30	24.30	0		
19-30	24.00	100		
20-30	23.00	200		
21-30	22.25	300		
22-30	21.30	400		
24-00	20.50	500		
25-00	20.00	600		
26-30	19-30	700		
28-00	17-30	800		
29-30	16.30	900		
30-30	15.30	1000		
32-00	14.00	1100		
33-00	13.00	1200		
34-30	11-30	1300		
36-00	10.00	1400		
37-00	09.30	1500		
39-30	08-30	1600		
41-00	07.00	1700		
42-00	06-30	1800		
44-30	05.00	1900		
46-00	11.00.00	2000		
47-00	58.00	2100		
49.00	56.00	2200		
52.00	54.50	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.	THE.	THE. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. 904 Hyd. Date March 9th 1888

Sigsbee Machine. 2 Reel.

Turns 2095 Cor. + 160 Depth 2255

Shot or lead 60 lbs. -

Bottom br. Oz.

Bottom temperature 36.8

No. of Thermometer 53731 Cor. - .3

Corrected temperature 36.5

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
2. 76.				
12. 56.00	49.00	0		
57	48.00	100		
58.	47.10	200		
59.	46.20	300		
1. 00. 05	45.25	400		
01. 10	44.30	500		
02. 15	43.30	600		
03. 20	42.30	700		
04. 30	41.30	800		
05. 35	40.30	900		
06. 45	39.30	1000		
07. 50	38.30	1100		
09. 00	37.15	1200		
10. 10	36.00	1300		
11. 20	34.40	1400		
12. 00	33.15	1500		
13. 15	31.45	1600		
14. 30	30.15	1700		
15. 50	28.45	1800		
17. 15	27.15	1900		
18. 45	25.45	2000		
20. 15	24.15	2100		
		2200		
		2300		
		2400		

3500
 3600
 3700
 3800
 3900
 4000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *905* Date *March 9th 1886*
Lipson Machine. *2* Reel.

Turns *1912* Cor. + *149* Depth *2061*

Shot or lead *35 lbs.*

Bottom *br. Oq.*

Bottom temperature *37*

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

Corrected temperature *36.7*

Air *72* Surface *74* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>0.00</i>				
<i>3.20</i>	<i>13. -</i>	<i>0</i>		
<i>20.50</i>	<i>12.15</i>	<i>100</i>		
<i>34.45</i>	<i>11.20</i>	<i>200</i>		
<i>42.45</i>	<i>10.40</i>	<i>300</i>		
<i>53.50</i>	<i>09.50</i>	<i>400</i>		
<i>2.5.20</i>	<i>09.00</i>	<i>500</i>		
<i>26.15</i>	<i>08.10</i>	<i>600</i>		
<i>27.30</i>	<i>07.15</i>	<i>700</i>		
<i>28.50</i>	<i>06.15</i>	<i>800</i>		
<i>30.10</i>	<i>05.15</i>	<i>900</i>		
<i>31.45</i>	<i>04.15</i>	<i>1000</i>		
<i>32.15</i>	<i>03.10</i>	<i>1100</i>		
<i>34.45</i>	<i>02.00</i>	<i>1200</i>		
<i>35.15</i>	<i>4.00.45</i>	<i>1300</i>		
<i>37.45</i>	<i>50.30</i>	<i>1400</i>		
<i>39.20</i>	<i>58.15</i>	<i>1500</i>		
<i>41.50</i>	<i>57.00</i>	<i>1600</i>		
<i>43.45</i>	<i>55.45</i>	<i>1700</i>		
<i>45.20</i>	<i>54.20</i>	<i>1800</i>		
<i>47.25</i>	<i>53. -</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

SLP

No. *Hyd 906* Date *March 9th 1886*
Sigsbee Machine. 2 Reel.Turns *135* Cor. + *14* Depth *149*~~Shot~~ or lead *35*Bottom *les. S. & Sh.*Bottom temperature *65.3*No. of Thermometer *53731* Cor. *- .2*

Corrected temperature

*65.1*Air *78* Surface *75* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3.44.50</i>	<i>53.00</i>	<i>0</i>		
<i>45.55</i>	<i>51.00</i>	<i>100</i>		
<i>46.30</i>	<i>4 50.00</i>	<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</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.	DIR.	SPL. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

697. Swan

No. 907 Date March 10 1886

Sigsbee Machine. 2 Reel.

Turns 1290 Cor. + 108 Depth 1398

~~Shot or lead~~ 35 lb

Bottom Co. S

Bottom temperature 38.2

No. of Thermometer 53531 Cor. - .3

Corrected temperature 38.4

Air 71 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.16.30	54.00	0		
15.30	53.00	100		
16.20	51.30	200		
18.00	50.30	300		
19.00	49.30	400		
20.30	48.00	500		
22.00	47.00	600		
23.30	45.30	700		
25.00	44.30	800		
26.30	43.00	900		
28.30	41.00	1000		
30.20	39.50	1100		
32.00	38.00	1200		
34.30	36.00	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

507.

No. 908

Date March 1st 1886

Sigsbee Machine. 2 Reel.

Turns 1233 Cor. + 105 Depth 1338

Shot ~~35 lb~~ 35 lb.

Bottom Co. S.

Bottom temperature 38.2

No. of Thermometer 53731 Cor. -.3

Corrected temperature 37.9

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
10. 17. 00	48. 30	0		
18. 00	47. 50	100		
19. 00	47. 10	200		
20. 30	46. 00	300		
22. 10	45. 10	400		
23. 30	44. 20	500		
24. 30	43. 20	600		
26. 10	41. 00	700		
27. 00	40. 00	800		
28. 00	39. 00	900		
29. 30	38. 10	1000		
31. 00	36. 30	1100		
33. 00	35. 00	1200		
33. 40	34. 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				

REMARKS

No. 909 Date March 1881

Machine. 2 Reel.

Turns 409 Cor. + 39 Depth 448

~~Shot or lead~~ 35 lb

Bottom G. S.

Bottom temperature 48.5

No. of Thermometer 53731 Cor. - .2

Corrected temperature 48.3

Air 72 Surface 74 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
12-08.30	25.00	0		
09.30	24.00	100		
10.30	23.00	200		
11.30	22.45	300		
12.30	22.20.45	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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 2600
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 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURE,

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

REMARKS.

No. 910

Date March 10 d/81

Sigsbee Machine. 2 Reel.

Turns 961 Cor. + 86 Depth 1047

~~Shot~~ lead 35 lb-

Bottom Co S.

Bottom temperature 38.2

No. of Thermometer 53731 Cor. -.4

Corrected temperature 38.5

Air 69 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-23-30	49.00	0		
25-00	45.00	100		
26-00	47.00	200		
27-00	46.00	300		
28-30	45.00	400		
30.00	44.00	500		
31.30	43.00	600		
33.00	42.00	700		
34.30	41.00	800		
36.00	40.00	900		
38.00	39.00	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 THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

517
DAM

No. 911

Date March 10 186

Sigsbee Machine. 2 Reel.

Turns 1173 Cor. + 98 Depth 1211

~~Shot~~ lead 35 lb

Bottom G S

Bottom temperature 35.6

No. of Thermometer 53731 Cor. - .3

Corrected temperature 35.3

Air 68 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2 48 00	2 03 0	0		
49 00	19 30	100		
50 00	18 00	200		
51 30	17 00	300		
53 00	16 00	400		
54 00	15 00	500		
55 00	14 20	600		
57 00	13 30	700		
58 30	11 30	800		
3-00-00	10 00	900		
01 30	09 00	1000		
03 00	08 30	1100		
05 30	7-05 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.

No. 912, Day, Date March 10th 86

Sigsbee Machine, 2 Reel.

Turns 330 Cor. + 31 Depth 361

Shot or lead 35 lbs.

Bottom Co S

Bottom temperature 54.5

No. of Thermometer 53731 Cor. - 2

Corrected temperature 54.3

Air 69 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.15.	4.26.30	0
18.55	27.15	100
19.55	25.55	200
21.00	24.45	300
21.20	4.23.30	400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TIME.	NO. OF THER.	DIR.	COR. TEMP.
15				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *913* Hyd. Date *March 10 18*

Sigsbee Machine, *2* Reel.

Turns *249* Cor. + *24* Depth *273*

Shot or lead *35 lbs*

Bottom *hd. Co. S.*

Bottom temperature *none taken*

No. of Thermometer _____ Cor.

Corrected temperature

Air *70* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.05.15</i>	<i>12.30</i>	0		
<i>07.</i>	<i>11.45</i>	100		
<i>00.</i>	<i>10.55</i>	200		
<i>09.50</i>	<i>10.30</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

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

REMARKS.

No. *Hyd 914* Date *March 11th 1886**Sigsbee* Machine. 2 Reel.Turns *470* Cor. + *45* Depth *515*~~Shot or lead~~ *35 lbs.*Bottom *Co. S.*Bottom temperature *none taken*

No. of Thermometer Cor.

Corrected temperature

Air *68* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 46.30</i>	<i>02.10</i>	0		
<i>48.20</i>	<i>01.10</i>	100		
<i>52.30</i>	<i>11.00.10</i>	200		
<i>53.40</i>	<i>59.10</i>	300		
<i>55.00</i>	<i>58.10</i>	400		
<i>56.00</i>	<i>57.10</i>	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 915* Date *March 11th 1886*
Sigsbee Machine. 2 Reel.

Turns *965* Cor. + *86* Depth *1054*

~~Shot or lead~~ *35 lbs*

Bottom *Co. S. bk Sp.*

Bottom temperature *39*

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

Corrected temperature *38.6*

Air *67* Surface *72* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>12.13.00</i>	<i>42.10</i>	<i>0</i>		
<i>14.10</i>	<i>41.05</i>	<i>100</i>		
<i>15.40</i>	<i>40.10</i>	<i>200</i>		
<i>17.10</i>	<i>39.10</i>	<i>300</i>		
<i>18.50</i>	<i>38.05</i>	<i>400</i>		
<i>20.45</i>	<i>36.55</i>	<i>500</i>		
<i>23.00</i>	<i>35.40</i>	<i>600</i>		
<i>25.00</i>	<i>34.30</i>	<i>700</i>		
<i>26.50</i>	<i>33.30</i>	<i>800</i>		
<i>28.00</i>	<i>32.00</i>	<i>900</i>		
<i>29.00</i>	<i>31.00</i>	<i>1000</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.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. Hyd 916 Date March 11th 1886
 Sigbee Machine. 2 Reel.

Turns 970 Cor. + 86 Depth 1056

Shot ~~by hand~~ 35 lbs

Bottom Co S

Bottom temperature 39

No. of Thermometer 53731 Cor. -.4

Corrected temperature 38.6

Air 68 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 42.00	08.50	0		
45.50	07.40	100		
47.05	06.50	200		
48.15	06.00	300		
49.30	05.15	400		
50.50	04.25	500		
52.35	03.30	600		
54.10	02.35	700		
55.50	01.30	800		
57.10	2. 00.30	900		
58.05	59.45	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.	USE. CORR.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 917* Date *March 11th 1886**Sigsbee* Machine, 2 Reel.Turns *894* Cor. + *80* Depth *974*Shot or lead *35 lbs.*Bottom *co. S. bk Sp.*Bottom temperature *39½*No. of Thermometer *53731* Cor. *-.4*Corrected temperature *39.1*Air *68* Surface *73* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>3</i>	<i>03.30</i>	<i>28.00</i>	<i>0</i>		
	<i>04.50</i>	<i>27.10</i>	<i>100</i>		
	<i>05.50</i>	<i>26.10</i>	<i>200</i>		
	<i>07.00</i>	<i>25.10</i>	<i>300</i>		
	<i>10.00</i>	<i>24.00</i>	<i>400</i>		
	<i>11.45</i>	<i>23.00</i>	<i>500</i>		
	<i>12.20</i>	<i>21.40</i>	<i>600</i>		
	<i>13.40</i>	<i>20.25</i>	<i>700</i>		
	<i>15.00</i>	<i>19.00</i>	<i>800</i>		
	<i>16.20</i>	<i>17.30</i>	<i>900</i>		
			<i>1000</i>		
			<i>1100</i>		
			<i>1200</i>		
			<i>1300</i>		
			<i>1400</i>		
			<i>1500</i>		
			<i>1600</i>		
			<i>1700</i>		
			<i>1800</i>		
			<i>1900</i>		
			<i>2000</i>		
			<i>2100</i>		
			<i>2200</i>		
			<i>2300</i>		
			<i>2400</i>		

2500

3000

3500

4000

4500

5000

5500

6000

6500

7000

7500

8000

8500

9000

9500

10000

SERIAL TEMPERATURE.

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

REMARKS.

567. Ugale
 No. 918 Date March 16/10
 Machine. 2 Reel.

Turns 110 Cor. + 12 Depth 124

Shot or lead 35 lb

Bottom GS

Bottom temperature 68.5

No. of Thermometer 52731 Cor. - .2

Corrected temperature 68.3

Air 69 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
<u>21-20 20</u>	<u>22.00</u>	0
<u>21-30</u>	<u>23.20</u>	100
<u>21-40</u>	<u>22.00</u>	200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 919 Date March 1st 86

Machine. 2 Reel.

Turns 781 Cor. + 78 Depth 863

Shot or lead 35 lb

Bottom gy oz

Bottom temperature 39.5

No. of Thermometer 55731 Cor. - .4

Corrected temperature 39.1

Air 67 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	05.00	0		
16.00	05.20	100		
42.00	05.50	200		
49.00	06.00	300		
57.30	06.20	400		
56.00	06.20	500		
55.00	06.00 30	600		
55.30	05.30	700		
57.00	05.20	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
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 4000

SERIAL TEMPERATURE,

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

REMARKS

501 Report

No. 920

Date March 11 1886

Sigsbee Machine, 2 Reel.

Turns 888 Cor. + 79 Depth 967

Shot or lead 35 lb

Bottom wh. Co. S.

Bottom temperature 39.

No. of Thermometer 53731 Cor. -.4

Corrected temperature 38.6

Air 66 Surface 73 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.42.00	07.30	0
44.00	06.35	100
45.40	05.45	200
46.40	04.45	300
47.30	03.45	400
49.00	02.45	500
50.30	01.30	600
52.00	8.00.20	700
54.30	59.00	800
56.00	57.30	900

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1100
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SERIAL TEMPERATURE

DEPTH	TEMP.	NO. OF THER.	COR.	NO. OF COR.
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REMARKS:



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Unit 2: The Solar System

1. The Sun is a star. It is the center of our solar system.

2. The planets orbit the Sun. They are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

3. The Moon orbits Earth. It is the only natural satellite of Earth.

4. The solar system is part of a galaxy called the Milky Way.

5. The Sun is made of hot gases. It is the source of light and heat for the solar system.

6. The planets are made of different materials. Some are rocky, some are gaseous, and some are icy.

7. The solar system is about 4.5 billion years old.

8. The solar system is a part of the universe.

9. The solar system is a part of the Milky Way galaxy.

10. The solar system is a part of the local group of galaxies.

$$\begin{array}{r} 207 \\ 152 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 4200 \\ 2655 \\ \hline 1545 \end{array}$$

~~207~~
~~152~~
~~45~~

$$\begin{array}{r} 1120 \\ 111 \\ \hline 1009 \end{array}$$

$$\begin{array}{r} 227 \\ 130 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 227 \\ 142 \\ \hline 85 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$

Tanner Machine

Cor 1 to 40 turns

$$\begin{array}{r} 227 \\ 901 \\ \hline 1128 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$

$$\begin{array}{r} 227 \\ 117 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 227 \\ 127 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$

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$$\begin{array}{r} 227 \\ 165 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 227 \\ 141 \\ \hline 86 \end{array}$$

$$\begin{array}{r} 227 \\ 227 \\ \hline 454 \end{array}$$