

2422 F 2472

Hyd 721 F Hyd 777

1885.

No. *Hydg 721* Date *June 3 439 AM*
Tanner Machine. Reel.

Turns *72* Cor. + *3* Depth *75*

Shot or lead *25 lb lead*

Bottom *fm gy sck*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *61* Surface *60* Drift

Trawl or dredge

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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 24127 Date June 30. 5.40 AM
 Tanner Machine. Reel.

Turns 61 Cor. + 3 Depth 64

Shot or lead 25 lb lead

Bottom fine gray sand & shells

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 61 Surface 61 Drift 6 SE 1 m.

Trawl or dredge Bean Trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5210		0	5.53	6.33
547		61	6.1	
		200	6.13	6.25
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Mantis 3 spec shark fish 4 spec
 Crabs 4 spec mollusk 3 spec fish
 2 Ligan sharks

Hyd 722 No. 722 Date June 3^d 6.37 AM
 Tanner Machine. Reel.

Turns 58 Cor. + 3 Depth 61

Shot or lead 25 lb lead

Bottom coarse grey sand & pebbles

Bottom temperature 54

No. of thermometer 53741 Cor.

Corrected temperature

Air 61 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.37	6.40	0		
6.38	6.39	58		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

*Dinghy left ship at 6:40 to
 get fuel.*

No. 723

Date

June 3d 9.41 am

Tanner

Machine.

Reel.

Turns 65 Cor. + 3

Depth 68

Shot or lead 25

Bottom fine gray silt with shells

Bottom temperature

52.5

No. of thermometer

53741.

Cor.

Corrected temperature

Air

66

Surface

67

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.42		0		
43		65		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2422

2500

2600

9.55

82 turns

2700

85 fms.

2800

Bottom Core by 2900 ft. 1/2 spec ok Shl.

Temp - 52

3000

70 y Therm

3100

537411

3200

3300

3400

3500

3600

3700

3800

3900

4000

Beam Trawl SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
00	10.03	10.37		
100	10.11	10.34		
200	10.18.	10.30.		
300				
400				
500				
600				
700				
800				
900				
1000				

Drift. ESE 1/2 m.

Drift left ship
at 10.42 to d. trawl

REMARKS:

contents of haul -
 few small shales & Rays 2 Hake
 4 Flemings, 1 spec sponge, 1 spec Hydroids
 Ephyrae, w. & cup of Prap. Bryozoa
 Annelid Crustacea.

No. 724

Date June 3rd 10.45am

Tanner Machine. Reel.

Turns 72 Cor. + 3 Depth 75

Shot or lead 25 lb lead

Bottom Coars gy sd. blk spls M shls

Bottom temperature Not taken 52.5

No. of thermometer None used. Cor.

Corrected temperature

Air 67 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.25

2.6

0

~~72~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 725 Date 3 June 2.50 PM

Tanner Machine. Reel.

Turns 300 Cor. + 7 Depth 307

~~Shot~~ or lead 25 lb

Bottom green mud

Bottom temperature not taken

No. of thermometer Cor.

Corrected temperature

Air 65 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.49.10	2.59	0		
" 51		100		
52.10		200		
53.30		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2423 Date June 3 PM
Tanner Machine. Reel.

Turns 179 Cor. + Depth 143

~~Shot~~ or lead 25 lb

Bottom Green mud & fine sand

Bottom temperature not tested

No. of thermometer Cor.

Corrected temperature

Air 65 Surface 67 Drift W SW 1/2 M

Trawl or dredge Long beam trawl

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

3.11

3 46

100

15

3 42.30

139

200

18.30

3.39

250

3.23

3 36.50

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

304

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

SERIAL TEMPERATURES.

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

REMARKS:

Amthusa Cchinoderum annulata
 Crustacea. Mollusca 3 spec
 fish

515

No. 726 Date 3 June 3, 52
 Tanner Machine. Reel.

Turns 100 Cor. + 3 Depth 103

~~Shot~~ or lead 25 lead

Bottom Gray mud, Sand and blk specks

Bottom temperature 51.2

No. of thermometer 53741 Cor.

Corrected temperature

Air 65 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.51

3.5-3.50

0

3.52

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dredge by off-shore work frame d-

2424	June	2500	4 d. 4.30, AM
82 temp.		2600	
		2700	85 fms.
		2800	
blk lumpy mud		2900	
		3000	
Temp		3100	52.5 53741
		3200	
		3300	
air 69 surf		3400	67
		3500	
Drift. W SW		3600	1 mile
		3700	
		3800	
		3900	
		4000	

No 2424 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
0 25	4.47	5.12		
1 00	.50			
2 100	.56	09		
3 300	.58	5.07		
4 600				
5 900				
6 600				
7 700				
8 400				
800				
900				
1000				

Drift.
Dredge left ship at 5.15
to det-trawl.

REMARKS:
Asterias Linnæus 3. Crustacea
few Hydroids forms Mollusca
few small fish

Hyd
No. 727 Date June 4th 5.20 AM
Tanner Machine. Reel.

Turns 131 Cor. + 4 Depth 135

Shot or lead 25

Bottom fine gray mud fine. Hk sand

Bottom temperature 48⁸

No. of thermometer 53741 Cor.

Corrected temperature

Air 69 Surface 68 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5.20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dinghy left ship to set trawl
lines at 5.15

Dinghy returned at 8.22

6 Hake were taken

Hyd	728	firm	2500	44/85	7.45
	7am	machine	2600		
	7.45	156 tons	2700	160 fms	
			2800		
	blk mud.		2900	Temp 48 $\frac{8}{1}$	
			3000		
	Sh. no		3100	53 741	
			3200		
			3300		
	dir 74		3400	Surf 69	
			3500		
			3600		
			3700		
			3800		
			3900		
			4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		Jannus machine	No 729	Hyd.
50	8.35	95 tons - 98 fms		
100		25 lb lead		
200	Temp 52		Wgt Sh 53 741	
300				
400		Bottom shell gravel.		
500	dir 75		Surf 70	
600		Jannus machine	Hyd 730	
700	8.49 am	75 tons - 78 fms		
800		sand & gravel - Bottom		
900		No temperature taken		
1000	dir 75		Surf 70	

* 730 Tied hand lines, caught nothing

REMARKS:

No. 2425 Date June 4th 11.39^{am.}

Tanner Machine. Reel.

Turns 115 Cor. + 4 Depth 119

Shot or lead 25 lbs

Bottom dk gray mud + fine sand

Bottom temperature 5-1/2

No. of thermometer 53741 Cor.

Corrected temperature

Air 72 Surface 69 Drift SW 1M

Trawl or dredge large beam

SOUNDING WIRE.

DOWN. 2425 P.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.39.00	11.45.10	0	11.53.00	12.23
40 00	11.43.00	100	59 20	12.20
		200	12.03.	12.17
		250		
		300	12.06.	12.16
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dinghy left ship at 1.45 am. to set trawl line

Dinghy returned with trawl line at 2.25 pm.

4 Hake and 1 large skate were taken

Argemonefera spongia hydroids
Anthozoa & chiroctenium sericeida
Annelida Crustacea Mollusca

Fish four species

4.49 PM

2426 -
 Tamm Michael June 4th 1885
 90 turns = 93 fms -
 Coarse gray & blk sand blk shells -
 Temp. 52 - 53741 -
 Air 77 Surf 71 Drift wood, etc.
 Drift left side -
 at 4.55 bed -
 1700 lbs line -
 returned at 7.30
 No fish

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

SERIAL TEMPERATURES. 2426

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
00	5.27	5. 52		
10	5.30	5. 50		
200	.32	5. 47		
350	.33	5. 45		
400				
500				
600				
700				
800				
900				
900				
1000				

REMARKS:

Found spec fish 8. octopus Bonellii
 2 spec crabs few shrimp Asteria
 American fan

No. *H4 731* Date *June 5 4 47 AM*
Sigsbee Machine. Reel. *m1*
 Turns *789* Cor. + *81* Depth *870 fms*
 Shot or lead *25 lb lead*
 Bottom *Grey mud*
 Bottom temperature *39.5*
 No. of thermometer *53741* Cor.
 Corrected temperature
 Air *75* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>ATL</i>		0		<i>5 18</i>
<i>41.47</i>		100		<i>5 17</i>
		200		<i>5 16</i>
		300		<i>5 15</i>
		400		<i>5 14</i>
		500		<i>5 13</i>
		600		<i>5 12</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sigsbee No. 1

		2500	
Hyp 732		2600	
Time 550+38	=	2700	388 fms
35 lb lead		2800	
Boston Wk. mach		2900	
Bot. Temp. 40.2		3000	
W. of Therm		3100	55741
		3200	
5.38	0	3300	.48.
.39	100	3400	.47.00
.40	200	3500	.46.00
.41, 40	300	3600	.44.40
42.30	350	3700	5.43.50
	500	3800	
	600	3900	
	700	4000	

Surf 74 Air 76

SERIAL TEMPERATURES.

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

REMARKS:

No. 733 Hyd Date June 5 6. 04 AM
 Tannero Machine. Reel.

Turns 203 Cor. + 71 Depth 210

Shot or lead 20 lb lead

Bottom BK mud

Bottom temperature 44

No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.04		0		
		100		
		200		
		300		
210 734		400	June 5th	
Tannero Mch		500	6. 22 AM	
June 67	69 fms	600		
20 lb lead		700	53741	
Bottom BK mud		800		
Bot Temp 54.		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Ok 6.27 Dingy left ship
 saw several birds.

8.55 Am. Dinghy returned
 with lead. delay and anchor
 trawl line having parted.
 Steamed ahead to pick up
 remainder of line
 at 9.20 Dinghy left ship
 10.05 Dinghy returned no fish taken

air 72 surf 75

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

SERIAL TEMPERATURES.

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

REMARKS:

No. 735 *Hyd* Date June 5th 1892 *P.M.*
 Sigbee Machine. Reel. *No 1*
 Turns 16 Cor. + 1 Depth 17
 Shot or lead 25
 Bottom *gray Sand brk shells*
 Bottom temperature 72 $\frac{1}{2}$
 No. of thermometer 53741 Cor.
 Corrected temperature
 Air 75 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
141.30	142.20	0		
		100		
		200		
<i>No</i>		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 736 *Ty* Date June 5-2.11 PM.
 Tanner Machine. Reel.

Turns 49 Cor. + $7\frac{1}{2}$ Depth $50\frac{1}{2}$

~~Shot or lead~~ 20 lbs

Bottom fine gy & blk Sand for shells

Bottom temperature 63

No. of thermometer 537.41 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.12.00	2.16.00	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		

Tried hand lines
 for fish.
 none taken

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *1737* Date *June 5th 2.36 PM.*
Tanner Machine. Reel.

Turns *70* Cor. + *2* Depth *72*

~~Shot~~ or lead *20 lbs*

Bottom *Cos gray Sand & Pot. shells*

Bottom temperature *60*

No. of thermometer *53741* Cor.

Corrected temperature

Air *76* Surface *74* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2,36.00 *2.40.00*

.36.30

0
70

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.*

1 Sea Bass taken

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 738 *Hyge* Date June 5th 2.46 P.M.
 Tanner Machine. Reel.

Turns 66 Cor. + 2 Depth 68

Shot or lead 20 lbs.

Bottom rocky + coral

Bottom temperature 60

No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.56.00

2.58.30

0

2.56.30

66

100

200

Tried hand lines
for fish

300

400

500

Caught

600

2 Sea bass

700

2 large groupers

800

2 of an unknown
species

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 739 Date June 5th 4.03 P.M.

Tanner Machine. Reel.

Turns 119 Cor. + 4 Depth 123

~~Shot or lead~~ 20 lbs.

Bottom grey Sand blk spks, blk shells

Bottom temperature 53

No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.02.30 4.08.00

0

03.30 4.06.30

100

200

Tried hand
lines for fish

300

400

500

None taken

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *740* Date *June 5 - 6.42 PM*
Gannero Machine. Reel.

Turns *50* Cor. + *2* Depth *52 fms*

Shot or lead *20 lb lead*

Bottom *Coars gy sd. bk shells*

Bottom temperature *65*

No. of thermometer *53741* Cor.

Corrected temperature

Air *78* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*And 8 other board lines
 no fish taken*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. **741** Date **June 5. 3. 83 am**

Tanner Machine. Reel.

Turns **64** Cor. + **2** Depth **66 fm**

~~Shot or lead~~ **20**

Bottom **fine gray sand, black specks**

Bottom temperature **58**

No. of thermometer **53741** Cor.

Corrected temperature

Air **66** Surface **75** Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Three hauls; no haul

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 742 Date June 6th 623 AM

Tanner Machine. Reel.

Turns 52 Cor. + 2 Depth 54

~~Shot or lead~~ 20

Bottom Fine gray sand, black shales

Bottom temperature 61

No. of thermometer 53741 Cor.

Corrected temperature

Air 66 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Two buoys; no fish.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

17th watch 27 min slowNo. 7413 ^{1/2} Date June 19

Sigsbee Machine. 1 Reel.

Turns 1817 Cor. + 98 Depth 1915

Shot or lead 60 lb

Bottom Glob ooze

Bottom temperature 37.1

No. of thermometer 53739 Cor. +.1

Corrected temperature 37.1

Air 66 Surface 69 Drift 712 current

Trawl or dredge 1 Knot

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 17.45	59.45	0		
18.30	58.20	100		
19.20	57.35	200		
20.05	56.40	300		
20.55	55.45	400		
21.44	54.45	500		
22.30	54.00	600		
23.15	53.25	700		
24.25	52.15	800		
25.20	50.00	900		
26.25	48.10	1000		
27.25	47.25	1100		
28.30	46.10	1200		
29.35	44.50	1300		
30.40	43.35	1400		
31.50	42.15	1500		
33.10	40.50	1600		
34.25	39.15	1700		
35.45	37.30	1800		
36.00	37.15	1817		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1823 fms wire used

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

SERIAL TEMPERATURES.

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

REMARKS:

*During the morning hrs. 2.60 to 2.45
 and afternoon 2.15 to 2.30
 Thermometers*

* Watch 27 m slow

No. 744 Hyd. Date

Sigsbee Machine. 1 Reel.

Turns 1742 Cor. 10 Depth 2042

Shot or lead 35 lb

Bottom ~~Yellow. Sil.~~ ozeBottom temperature *None taken*

No. of thermometer Cor:

Corrected temperature

Air 68 Surface 66 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 0m				
8 29-30	24-40	0		
30-30	23-15	100		
31-30	22-30	200		
32-30	21-40	300		
33-30	20-50	400		
34-40	19-55	500		
36-00	18-55	600		
37-20	17-50	700		
38-40	16-35	800		
40-05	15-20	900		
43-45	14-00	1000		
44-15	12-40	1100		
45-45	11-10	1200		
47-10	09-45	1300		
48-40	08-10	1400		
50-15	06-30	1500		
52-50	04-50	1600		
53-25	03-20	1700		
55-00	9. 01-35	1800		
56-40	59-45	1900		
57-25	8 59-00	1742		
		2100		
		2200		
		2300		
		2400		

1862

1817
125

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

last 100m using cup, thermometer
no 53739. 4. 1 extra bolt
shot

45 m slow

No.

745

Date

June 19

Sigs

Machine. *M* Reel.

Turns 1895

Cor. + 176

Depth 2071

Shot or lead 60 lb

Bottom

fine orange

Bottom temperature

37 1/4

No. of thermometer

53731 - Cor. - 2

Corrected temperature

37

Air

71

Surface

69

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 11.-05-00	56.30	0		
-05-50	55.30	100		
-06-50	54.40	200		
-07-45	53.45	300		
-08-40	52.50	400		
-09-35	51.45	500		
-10-35	50.40	600		
-11-40	49.30	700		
-12-40	48.20	800		
-13-40	47.00	900		
-14-50	45.40	1000		
-15-55	44.10	1100		
-17-10	42-45	1200		
-18-20	41.10	1300		
-19-35	39-50	1400		
-20-55	37.20	1500		
-22-00	35-15	1600		
23-20	-33-10	1700		
26-35	-51-05	1800		
25-55	11-27-00	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

S R P

No. 746 Date June 19th 1:52 P.M.
Sigsbee Machine. 1 Reel.

Turns 1862 Cor. + 173 Depth 2035

Shot ~~or lead~~ 60 lbs.

Bottom Soft brown ooze

Bottom temperature 37

No. of thermometer 53731 Cor. ~~3~~ - .2

Corrected temperature 36.5

Air 67 Surface 59 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1,52.00	41.00	0		
1,53.20	39.40	100		
54.05	38.55	200		
55.00	38.05	300		
55.40	37.05	400		
56.45	36.05	500		
57.45	35.00	600		
58.45	34.00	700		
59.45	32.40	800		
2.00,50	31.35	900		
01.55	30.15	1000		
02.05	28.40	1100		
04.10	27.05	1200		
05.25	25.30	1300		
06.30	23.40	1400		
07.40	22.10	1500		
08.55	20.25	1600		
10.10	18.40	1700		
11.30	16.40	1800		
12.10	14.20	1862		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 747 *Hyge* Date June 19th 3.33 P.M.
Sigsbee Machine. 1 Reel.

Turns 1848 Cor. + 172 Depth 2020

Shot or lead 60 lbs

Bottom Brown. ooze

Bottom temperature 37

No. of thermometer 53731 Cor. -.2

Corrected temperature 36.8

Air 63 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3, 33.00	15.20	0		
3 34.10	14.25	100		
35.05	13.40	200		
35.55	12.50	300		
36.50	12.00	400		
37.45	11.03	500		
38.40	10.07	600		
39.40	09.10	700		
40.40	08.10	800		
41.45	07.10	900		
42.50	06.00	1000		
43.55	05.00	1100		
45.00	03.45	1200		
46.05	02.35	1300		
47.15	01.20	1400		
48.20	4.00, 10	1500		
49.35	48.50	1600		
50.45	47.20	1700		
51.45	45.50	1800		
52.30	3.45.00	1848		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 45 minutes slow

507.

No. 7418 ^{Hyd} Date June 1906.

Sigsbee Machine. / Reel.

Turns 1920 Cor. + 17 ~~4~~ Depth 2094

Shot or lead 60 lb.

Bottom Glob Gyge

Bottom temperature 36.2

No. of thermometer 53731 Cor. -.2

Corrected temperature 36.7

Air 61 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 0 m				
4 10-30	54.55	0		
11-20	53.50	100		
12-10	53.00	200		
13-00	52.10	300		
13-50	51-10	400		
14-40	50.10	500		
15-40	49-10	600		
16-40	48-10	700		
17-40	47-10	800		
18-40	46-00	900		
19-40	45-00	1000		
20.45	43-45	1100		
21-50	42-35	1200		
23.40	41-20	1300		
24.10	40-40	1400		
25-20	38-45	1500		
26-25	37-20	1600		
27-50	35-40	1700		
29.05	34-55	1800		
30-30	32-30	1900		
30.45	31.15	1920		
		2000		
		2100		
		2200		
		2300		
		2400		

37-20
32-30
4-50

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* 45 m slow

No. 74912 Date June 1906

Sigsbee Machine. Reel.

Turns 1995 Cor. + 183 Depth 2178

Shot ~~or lead~~ 60 lb

Bottom gy sge

Bottom temperature 37.2

No. of thermometer 53731 Cor. - .2

Corrected temperature 37

Air 61 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

* PM

6-00-00	53-20	0		
02-50	51-35	100		
05-40	50-40	200		
06-30	50-00	300		
07-20	49-10	400		
08-10	48-15	500		
09-04	47-15	600		
10-00	46-20	700		
11-00	45-10	800		
12-00	44-00	900		
13-00	43-00	1000		
14-15	41-45	1100		
15-20	40-25	1200		
16-35	39-05	1300		
17-40	37-50	1400		
19-00	36-25	1500		
20-15	35-00	1600		
21-30	33-20	1700		
22-50	32-10	1800		
24-10	30-20	1900		
25-25	29-10	2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 1750 Hye Date June 20th 6.09 AM.

Sigsbee Machine. / Reel.

Turns 2765 Cor. + 230 Depth 2995

Shot or lead 60 lbs

Bottom Yellow ooze

Bottom temperature 36.7

No. of thermometer 53731 Cor. - .2

Corrected temperature 36.5

Air 63 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6 09 00	45 40	0		
10 20	44.30	100		
13 40	43.45	200		
18.40	42.50	300		
14.50	41.50	400		
15.40	41.00	500		
21.30	40.00	600		
22.30	39.00	700		
24.00	37.40	800		
25.10	36.05	900		
26.20	34.50	1000		
27.30	33.40	1100		
28.40	32.00	1200		
29.55	30.30	1300		
31.10	28.50	1400		
32.35	27.00	1500		
33.55	25.00	1600		
35.20	23.20	1700		
36.30	21.15	1800		
38.00	18.45	1900		
39.40	16.30	2000		
41.15	13.50	2100		
42.45	11.00	2200		
44.30	08.40	2300		
46.05	06.30	2400		

47.30	04.20	2500
49.30	03.00	2600
51.10	01.50	2700
52.30	7 00.20	2800 2705
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

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

REMARKS:

507. * Watch 50 minutes slow.

No. 751 Hye Date June 21st 1885
 Sigsbee Machine. Reel.

Turns 2868 Cor. + 235 Depth 3103

Shot or lead 60 lbs.

Bottom soft gray ooze

Bottom temperature 38

No. of thermometer 50731 Cor. - .2

Corrected temperature 37.5

Air 64 Surface 68 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.		UP.
3	40 40	42.00	0			
	41 30	41.00	100			
	42 30	40.00	200			
	43 40	39.00	300			
	44 45	38.00	400			
	46 00	37.00	500			
	47 15	36.00	600			
	48 45	35.00	700			
	50 00	34.00	800			
	51 15	33.00	900			
	53 00	31.45	1000			
	54 30	30.30	1100			
	55 45	29.00	1200			
4	17 45	27.30	1300			
	19 00	26.00	1400			
	20 45	24.30	1500			
	22 45	23.00	1600			
	24 30	21.15	1700			
	26 00	19.15	1800			
	28 00	17.15	1900			
	30 00	15.15	2000			
	31 30	13.00	2100			
	33 15	04.00	2200			
	35 00	5.07.00	2300			
	36 45	4.59.30	2400			

4.39.30	57.15	2500	
41.00	55.00	2600	
43.00	53.00	2700	
45.00	51.00	2800	
47.15	430.30	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 55 minutes slow.

No. 752 Hgt Date June 21st 1885
 Sigsbee Machine. 1 Reel.
 Turns 2729 Cor. + 278 Depth 2957
 Shot or lead 60 lbs.
 Bottom gray ooze
 Bottom temperature 37
 No. of thermometer 53731 Cor. - .2
 Corrected temperature 36.8
 Air 78 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* <u>3.30</u> ^{P.M.}	<u>17.10</u>	<u>0</u>		
<u>31.00</u>	<u>11.00</u>	<u>100</u>		
<u>32.00</u>	<u>09.50</u>	<u>200</u>		
<u>33.15</u>	<u>09.00</u>	<u>300</u>		
<u>34.15</u>	<u>08.10</u>	<u>400</u>		
<u>35.15</u>	<u>07.00</u>	<u>500</u>		
<u>36.30</u>	<u>00.00</u>	<u>600</u>		
<u>37.30</u>	<u>05.00</u>	<u>700</u>		
<u>38.40</u>	<u>03.45</u>	<u>800</u>		
<u>40.00</u>	<u>02.30</u>	<u>900</u>		
<u>41.10</u>	<u>01.30</u>	<u>1000</u>		
<u>42.30</u>	<u>5.00.15</u>	<u>1100</u>		
<u>43.45</u>	<u>59.00</u>	<u>1200</u>		
<u>45.05</u>	<u>50.15</u>	<u>1300</u>		
<u>46.30</u>	<u>48.45</u>	<u>1400</u>		
<u>48.00</u>	<u>47.15</u>	<u>1500</u>		
<u>49.40</u>	<u>45.30</u>	<u>1600</u>		
<u>51.25</u>	<u>44.00</u>	<u>1700</u>		
<u>53.20</u>	<u>42.30</u>	<u>1800</u>		
<u>55.00</u>	<u>40.40</u>	<u>1900</u>		
<u>57.20</u>	<u>38.30</u>	<u>2000</u>		
<u>59.10</u>	<u>36.30</u>	<u>2100</u>		
<u>4. 00.00</u>	<u>34.30</u>	<u>2200</u>		
<u>.02.00</u>	<u>32.30</u>	<u>2300</u>		
<u>.04.00</u>	<u>4.25.30</u>	<u>2400</u>		

2106.00	20.81	2500	
08.00	18.00	2600	
16.00	15.00	2700	
11.00	4.13.00	2750	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

*Watch 1 1/2 Nm slow

507.

No. 753 Hyd Date June 21st
 Sigaker Machine. 1 Reel.

Turns 2640 Cor. + 223 Depth 2863

Shot ~~60 lb~~ 60 lb

Bottom grey ooze

Bottom temperature 37.

No. of thermometer 53781 Cor. - .2

Corrected temperature 36.8

Air 66 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
* 8. 40.00	51.20	0		
. 41.00	50.25	100		
. 42.00	49.40	200		
. 42.55	49.00	300		
. 43.50	48.10	400		
. 44.45	47.10	500		
. 45.45	46.15	600		
. 46.45	45.15	700		
. 48.50	44.10	800		
. 49.50	43.10	900		
. 50.00	42.10	1000		
. 51.10	41.55	1100		
. 52.25	39.50	1200		
. 53.35	38.35	1300		
. 54.50	37.10	1400		
. 56.00	36.45	1500		
. 57.20	34.15	1600		
. 58.35	32.40	1700		
. 59.55	31.10	1800		
9. 01.10	29.30	1900		
. 02.30	27.45	2000		
. 03.50	26.00	2100		
. 05.15	24.10	2200		
. 06.35	22.15	2300		
. 08.00	9. 20.20	2400		

9.09.25	9.15.30	2500
10.00	9.16.15	2600
11.30	9.15.30	2600 2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

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

REMARKS:

Watch 1 h + 15 m. Slow

No. 754 ^{Hyd} Date June 22th

Sigsbee Machine. / Reel.

Turns 2668 Cor. + 222 Depth 2882

Shot ~~on board~~ 60 lb

Bottom gy s

Bottom temperature 37.4

No. of thermometer 53731 Cor. - 2

Corrected temperature 37

Air 66 Surface 69 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN	UP.	TURNS.	DOWN.	UP.
12.08.20	21.10	0		
09.00	20.25	100		
10.00	19.45	200		
11.00	19.00	300		
12.00	18.10	400		
13.00	17.25	500		
14.00	16.25	600		
15.00	15.25	700		
16.20	14.25	800		
17.30	13.25	900		
18.40	12.15	1000		
19.55	11.00	1100		
21.15	09.50	1200		
22.30	08.30	1300		
23.50	07.10	1400		
25.10	06.40	1500		
26.30	04.05	1600		
27.50	02.20	1700		
29.20	1.01.05	1800		
30.40	59.30	1900		
32.15	58.55	2000		
33.40	56.10	2100		
35.20	54.35	2200		
36.50	53.51	2300		
38.01	51.15	2400		

12.39.45	217.30	2500	
41.20	46.40	2600	
42.30	45.00	2660	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

No. *755 Hye* Date *June 22d*
Sigsbee Machine. Reel.

Turns *2670* Cor. + *227* Depth *2897*

Shot ~~or lead~~ *60 lbs*

Bottom *Grey wsl.*

Bottom temperature *38.8*

No. of thermometer *53731* Cor. *-2*

Corrected temperature *38.6*

Air *64* Surface *70* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>2.37.15</i>	<i>3 45.30</i>	0		
<i>38.15</i>	<i>44.35</i>	100		
<i>39.15</i>	<i>43.50</i>	200		
<i>40.10</i>	<i>43.00</i>	300		
<i>41.10</i>	<i>42.10</i>	400		
<i>42.15</i>	<i>41.20</i>	500		
<i>43.15</i>	<i>40.20</i>	600		
<i>44.35</i>	<i>39.20</i>	700		
<i>45.40</i>	<i>38.30</i>	800		
<i>46.50</i>	<i>37.20</i>	900		
<i>48.00</i>	<i>36.10</i>	1000		
<i>49.15</i>	<i>35.05</i>	1100		
<i>50.30</i>	<i>34.55</i>	1200		
<i>51.50</i>	<i>32.50</i>	1300		
<i>52.55</i>	<i>31.25</i>	1400		
<i>54.15</i>	<i>30.10</i>	1500		
<i>55.30</i>	<i>28.50</i>	1600		
<i>56.40</i>	<i>27.25</i>	1700		
<i>58.00</i>	<i>26.00</i>	1800		
<i>59.25</i>	<i>24.40</i>	1900		
<i>3 00.40</i>	<i>23.15</i>	2000		
<i>02.00</i>	<i>21.45</i>	2100		
<i>03.25</i>	<i>20.25</i>	2200		
<i>04.45</i>	<i>18.45</i>	2300		
<i>06.10</i>	<i>3 17.20</i>	2400		

3.07.35	15.50	2500	
09.05	14.65	2600	
10.30	13.00	2670 2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

E.H. * Watch 1 hr 30 mins. slow.
 507.

No. 756 *Hyd* Date June 22nd 1885.
 Sigsbee Machine. 1 Reel.
 Turns 2650 Cor. + 223 Depth 2873
 Shot or lead 60 lbs.
 Bottom grey ooze
 Bottom temperature 37
 No. of thermometer 53731 Cor. -.2
 Corrected temperature 36.8
 Air 71 Surface 67 Drift
 Trawl or dredge

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
* 1 lb.				
11. 25.00	35.00	0		
1. 25.55	34.00	100		
26.45	33.20	200		
27.45	32.45	300		
28.50	31.00	400		
29.45	31.00	500		
30.40	30.00	600		
31.45	29.45	700		
32.50	27.30	800		
34.00	26.30	900		
35.15	25.15	1000		
36.30	24.15	1100		
37.45	23.15	1200		
39.00	22.00	1300		
40.05	20.30	1400		
41.25	19.00	1500		
42.40	17.30	1600		
44.00	16.00	1700		
45.15	14.30	1800		
46.40	13.00	1900		
48.00	11.15	2000		
49.30	09.50	2100		
51.00	08.10	2200		
52.20	06.30	2300		
53.45	12.04.50	2400		

11. 55. 10	03.00	2500	
56. 50	01.45	2600	
57. 20	12.00.30	2700 2650	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

SLPNo. 757 Hye Date June 22^d 8.25 P.M.

Sigsbee Machine. 1 Reel.

Turns 1939 Cor. + 179 Depth 2118

Shot or lead 60 lbs

Bottom gray ooze

Bottom temperature 38.5

No. of thermometer 53731 Cor. - 2

Corrected temperature 38.3

Air 56 Surface 54 Drift

Trawl or dredge.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8 25.00	17.25	0		
26.00	16.35	100		
27.00	15.50	200		
28.00	15.10	300		
29.00	14.20	400		
30.10	13.30	500		
31.30	12.35	600		
32.45	11.40	700		
34.10	10.40	800		
35.40	09.40	900		
37.15	08.30	1000		
38.45	07.30	1100		
40.20	06.20	1200		
41.55	05.00	1300		
43.30	03.30	1400		
45.00	02.10	1500		
46.40	00.50	1600		
48.20	59.20	1700		
50.10	58.00	1800		
51.45	8.55.30	1900		
52.20		1939 2000		

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

S&P

June 22

No. 758 Hyl Date 12.53 PM.

Sigsbee Machine. 1 Reel.

Turns 1365 Cor. + .134 Depth 1499

Shot or lead 60 lbs

Bottom Gray ooze

Bottom temperature 37.4

No. of thermometer 53731 Cor. -.2

Corrected temperature 37.2

Air 51 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
12,53,30	22.00	0		
12,54,30	21.00	100		
55.30	20.00	200		
56.20	19.20	300		
57.00	18.50	400		
57.40	18.00	500		
58.30	17.00	600		
59.10	16.00	700		
1 00,05	15.00	800		
01.30	14.00	900		
02.35	13.00	1000		
03.35	12.00	1100		
04.45	11.00	1200		
06.00	1.10.00	1300		
06.40		1365		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

522No. 759 ^{Hyd} Date June 23, 3.49 am
Sigsbee Machine. 1 Reel.

Turns 970 Cor. + 100 Depth 1070

Shot or lead 60 lbs

Bottom green ooze

Bottom temperature 38

No. of thermometer 53731 Cor. -.2

Corrected temperature ~~53~~ 37.8

Air 51 Surface 50 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3 49.00	15.00	0		
51.00	14.00	100		
52.30	13.15	200		
53.30	12.30	300		
54.20	11.45	400		
55.20	11.00	500		
56.40	10.15	600		
58.20	09.10	700		
49.40	08.20	800		
4, 01.20	07.20	900		
03.00	06.30	970		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

SLP

No. 2427 Date June 23^d 5:35 AM.
Sigsbee Machine. 1 Reel.

Turns 473 Cor. + 50 Depth 523

Shot or lead 25 lbs

Bottom hard br

Bottom temperature 39

No. of thermometer 53731 Cor. -.3

Corrected temperature 38.7

Air 49 Surface 47 Drift

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.35.00	30.00	0	6.00.30	34.30
36.00	48.45	100	05.20	31.15
37.15	47.50	200	09.15	28.30
39.00	47.00	300	13.20	25.30
40.45	46.00	400	17.10	22.30
42.45	45.00	473	22.10	19.45
		500	26.10	16.45
		600	30.50	14.00
		700	34.10	11.00
		800	37.45	08.00
		900	41.00	7.05.00
		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 TEMPERATURES.

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

REMARKS:

Shrimp few jelly fish
 1 squid
 Trawl net on bottom.

S&PNo. 2428 Date June 23^d 7:40 A.M.

Sigsbee Machine. 1 Reel.

Turns 748 Cor. + 78 Depth 826

~~Shot or lead~~ 25 lbs

Bottom green mud

Bottom temperature 38.5

No. of thermometer 53731 Cor. -.2

Corrected temperature 38.3

Air 50 Surface 48 Drift

Trawl or dredge L.B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.40.00	13.00	0	8.18.00	26.00
41.30	12.15	100	21.15	23.15
42.45	11.25	200	24.15	20.30
44.15	10.30	300	27.45	17.45
45.45	09.40	400	31.00	15.30
57.30	08.50	500	34.00	13.45
8 00.00	07.50	600	36.30	11.20
02.25	06.20	700	39.00	08.45
03.00	05.30	748 800	41.30	05.45
		900	44.45	02.30
		1000	46.00	10 00.00
		1100	48.15	57.00
		1200	51.45	54.45
		1300	54.40	51.30
		1400	57.00	9.47.00
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Shrimp July fish Turkish one
 identified
 Found out on bottom

No. 760 Hgt Date June 23^d 1885.

Sigsbee Machine. / Reel.

Turns 878 Cor. + 92 Depth 970

Shot or lead 25 lbs

Bottom hrd.

Bottom temperature 39

No. of thermometer 53731 Cor. -.3

Corrected temperature 38.7

Air 52 Surface 45 Drift

Trawl or dredge L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 33.00	59.25	0		
34.45	58.15	100		
36.30	57.10	200		
37.45	56.00	300		
39.30	55.00	400		
41.00	54.15	500		
42.45	53.30	600		
44.30	52.45	700		
46.30	51.00	800		
48.00	10.49.30	878		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 3 mins. slow.

No. **2429** Date **June 23^d, 1885.**

Sigsbee Machine. / Reel.

Turns **415** Cor. + **56** Depth **471**

Shot or lead **35 lbs**

Bottom **grey mud**

Bottom temperature **39**

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

Corrected temperature **38.7**

Air **51** Surface **41.5** Drift

Trawl or dredge **L B Y**

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
11.39.00	49.45	0	* 11.54.00	75.30
40.00	48.30	100	58.00	77.00
41.00	47.30	200	12.01.00	19.00
42.00	46.20	300	04.00	16.15
43.10	45.30	400	07.00	13.15
43.45	11.45.00	415	09.45	10.00
		600	11.30	06.45
		700	14.45	1.03.15
		800	17.25	59.30
		900	26.10	56.00
		1000	30.45	12.52.00
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

SORT. * Watch 1 hr + 30 m slow
761

No. 761 Hyd. Date June 23

Sigsbee Machine. Reel.

Turns 279 Cor. + 30 Depth 309

Shot or lead 35 lb lead

Bottom fine mud + sand.

Bottom temperature 39°

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.7

Air 51 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
* 11.57.50	04.15	0
58.40	03.15	100
59.35	02.15	200
00.40	01.25	300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

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

SERIAL TEMPERATURES.

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

REMARKS:

* watch / hour + 30 min slow

507.

No. 2430 Date June 23

Lipton Machine. A Reel.

Turns 152 Cor. + 27 Depth 179

Shot or lead 35 lb

Bottom Green sand & pebbles

Bottom temperature None taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 51 Surface 47 Drift E x N 1/2

Trawl ~~on dredge~~ L B J

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* <u>1.19.50</u>	<u>2.57.10</u>	0	<u>1.32.40</u>	<u>19.50</u>
<u>21.50</u>	<u>24.05</u>	100	<u>36.45</u>	<u>17.05</u>
<u>22.30</u>	<u>23.30</u>	200	<u>40.20</u>	<u>14.15</u>
		300	<u>44.15</u>	<u>12.30</u>
		400	<u>47.55</u>	<u>2.09.45</u>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 1 hour + 35 on slow

No. 2431 Date June 23^d

Machine. Reel.

Turns 115 Cor. + 14 Depth 129

~~Shot or lead~~ 35 lb lead

Bottom yellow sand blk sp 1/2

Bottom temperature 33 ⁵/₁₆

No. of thermometer 53731 Cor. 0

Corrected temperature 33.5

Air 51 Surface 41 ¹/₆ Drift 25 E

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 21 25 ⁰⁰	28.35	0	29.15	29.00
26.00	26.20	100	53.30	24.50
26.15	26.17	200 115	56.00	24.30
		300	58.55	3, 21.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 1-35 - slow

507.

No. 24132 Date June 23d

Tanner Machine. Reel.

Turns 62 Cor. + 2 Depth 64

Shot or lead 25 lb

Bottom fine grey sand

Bottom temperature None taken

No. of thermometer — Cor.

Corrected temperature —

Air 51 Surface 47 Drift E S E - 1 00

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* P.M.		0	4' 53 15	14.20
359 00		100	56.00	12.10
		150		
		200	57.30	4.09.40
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

*Wach 1-35 slow

507.

No. 2433 Date June 23d
 Tamm Machine. Reel. —

Turns 55 Cor. + 2 Depth 57

Shot or lead 18 lb

Bottom Green sand

Bottom temperature 33.0

No. of thermometer 53731 Cor. 0

Corrected temperature 33

Air 52 Surface 48 Drift $E \frac{1}{2} M$

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 4.26.30		0	4.30.25	54.40
		100	34.15	52.45
		150 200	35.10	51.50
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4 26
 1 35
 ———
 6 01

22133

Sum / up

5.0030	2240	2500	0	
04.15	19.50	2600	1.00	
06.30	5 17.50	2700	1.50	17.
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 1.35 m slow

No. 2434 Date June 23 1881

Tanner Machine. — Reel. —

Turns 49 Cor. + 2 Depth 51

Shot or lead 18 lb

Bottom Green mud

Bottom temperature 34

No. of thermometer 53731 Cor. 0

Corrected temperature 34

Air 54 Surface 48 Drift E 1 1/2 M

Trawl or dredge LB

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*
5 39.40

0

5. 214.45 10.35

100

1.48.55 07.15

~~150~~

50.30 6.05.31

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

36 Pull flumidus = 106 lbs

* Watch 1 hr 35 m slow

No. 2435 Date June 23d
Tanner Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead

Bottom bl. mud

Bottom temperature 34

No. of thermometer 53731 Cor. 0

Corrected temperature ~~53731~~ 34

Air Surface Drift E 1/2 M

Trawl or dredge L.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.34.45

0

6.36.35 .58.15

150

45.00 6.54.40

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

* Watch 1 hr 40 min slow.

No. 2436 Date June 24 1885

Tanner Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead

Bottom wh. sd., blk. spks. blk. sh.

Bottom temperature 34

No. of thermometer 53731 Cor. 0

Corrected temperature 34

Air 53 Surface 49 Drift E. 1 E. 1 mile

Trawl or dredge L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1 lb.

7. 29.00

2. 33.00

0

2. 42.30

03.30

29.30

2. 31.30

35

45.30

3. 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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

645. * Watch 1 hr. 40 min. slow.

507.

No. 2437 Date June 24th 1885

Tanner Machine. - Reel.

Turns 36 Cor. + 1 Depth 37

Shot or lead

Bottom cor. brk. shells and brk. str.

Bottom temperature 36

No. of thermometer 55731 Cor. -.2

Corrected temperature 35.8

Air 53 Surface 49 Drift E.S.E. 1 mile

Trawl or dredge L.D.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
* 13.00	15.00	0	3.24.00	45.45
13.25	3.14.30	36	27.00	43.10
		140	28.00	3.40.00
		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 TEMPERATURES.

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

REMARKS:

* Watch 1 hr. 40 min. show.

No. 2438

Date June 24th 1880

Tanner Machine. - Reel.

Turns 36. Cor. + 1.

Depth 37.

Shot or lead

Bottom green sand, blk spks, blk shls.

Bottom temperature 37.

No. of thermometer 53731 Cor. - .2

Corrected temperature

36.8

Air 54

Surface 48

Drift S. E. 1 mile

Trawl or dredge L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 3.54.00	55.45	0	4.00.00	4.25.00
54.30	3.55.00	100	03.15	2.1.15
		120	03.45	4.20.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2439 Date June 24th, 1885
 Tanner Machine. — Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead

Bottom Wh. S. blk. sp.

Bottom temperature 38

No. of thermometer 53731 Cor. — .2

Corrected temperature 27.8

Air 54 Surface 48 Drift E. S. E 1 mi

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<u>03.30</u>	<u>05.30</u>	<u>0</u>	<u>5.10.00</u>	<u>35.00</u>
<u>04.00</u>	<u>05.45</u>	<u>100</u>	<u>13.00</u>	<u>37.45</u>
		<u>120</u>	<u>13.30</u>	<u>37.00</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 TEMPERATURES.

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

REMARKS:

Large quantities of sea cucumbers
and sand-dollars.
1608

* Watch 1 hr. 40 mins. slow.

No. 2440 Date June 24th 1885
Tanner Machine. — Reel.

Turns 32 Cor. + 1 Depth 33

Shot or lead

Bottom Fine wh. sand - blk. sp.

Bottom temperature 38.5

No. of thermometer 53731 Cor. -.2

Corrected temperature 38.3

Air 54 Surface 48 Drift E.S.E. 1

Trawl ~~or dredge~~ L.D.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
* 6.12.00	14.15	0	6.18.00	35.30
12.45	6.13.15	100	21.30	6.37.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

507. *SSP*

No. *762* *Hy* Date *June 24* 8.55 am

Tanner Machine. Reel.

Turns *29* Cor. + *1* Depth *30*

Shot or lead *18 lbs*

Bottom *Sand + brk shells*

Bottom temperature *39.5*

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

Corrected temperature *39.2*

Air *53* Surface *48* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		<i>29</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 763 ^{Hyge} Date June 24th 9.39 AM
 Tanner Machine. Reel.

Turns 37 Cor. + 1 Depth 38

Shot or lead 18 lbs

Bottom White Sand blk sp, blk sh.

Bottom temperature 36.2

No. of thermometer 53731 Cor. - .2

Corrected temperature 36

Air 53 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.39

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

Tried 3 haul lines for fish
 No fish taken.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

P.L.P.

No. 764 ^{1/2} Date June 24th - 10:44 A.M.
 Tanner Machine. Reel.

Turns 121 Cor. + 4 Depth 125

Shot or lead 18

Bottom Green Mud & Co. Gray Sand

Bottom temperature none taken

No. of thermometer Cor.

Corrected temperature

Air 53 Surface 49 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.44	47.00	0		
45	+ 46.00	100		
45.10		121		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 765 *Hyd* Date June 24 1926
Tanner Machine. Reel.

Turns 32 Cor. + 2 Depth 34

Shot or lead 18 lb lead

Bottom White sand & shells

Bottom temperature 35.2

No. of thermometer 53751 Cor. - .1

Corrected temperature 35.1

Air 51 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.20		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 766 ^{Hya} Date 24th June 11 PM
 Tanner Machine. Reel.
 Turns 35 Cor. + 1 Depth 36 fms
 Shot or lead 15 lb lead
 Bottom White sand broken shells
 Bottom temperature 32.7
 No. of thermometer 53731 Cor. 0
 Corrected temperature 32.7
 Air 46 Surface 44 Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-00

11-14

35
0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *2441* Date *June 25-04.*
Tanner Machine. Reel.

Turns *33* Cor. + *1* Depth *34*

Shot or lead *18 lb*

Bottom *white sand & shells*

Bottom temperature *33*

No. of thermometer *55751* Cor. *0*

Corrected temperature *33*

Air *45* Surface *43* Drift *7x E 1 1/2 W*

Trawl or dredge *S.B.*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>L1. 05.14</i>		0	<i>5. 05. 00</i>	<i>37</i>
		100	<i>12 40</i>	<i>29. 30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Seizings on birds carried away
 and trawl come up in water
 Raid 2. Sculpin taken down on bottom
 as in sea urchins few shrimp

No. 2442 Date June 25 6:10 am
 Machine. Reel.
 Turns 35 Cor. + 1 Depth 36
 Shot or lead 18 lb
 Bottom white sand & shells
 Bottom temperature 33.2
 No. of thermometer 53731 Cor. 0
 Corrected temperature 33.2
 Air 46 Surface 44 Drift 77.5 1 m
 Trawl or dredge S.B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6. 41.00		0	6. 43.00	10.00
		100	55.00	7. 06.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Limnaea stagnalis, *Dinorthis*, *Maclurea*
Siphon, *Saricoma*, *Boltonia*
Walteri, *Halosynthia pygmaea*
 etc.

No. 2443

Date June 25

Machine. Reel.

Turns 34 Cor. + 1 Depth 35

~~Shot or lead~~ 18 lb

Bottom white sand bk shells

Bottom temperature 30

No. of thermometer 53731 Cor. -.1

Corrected temperature 34.9

Air 50 Surface 46 Drift 27 E 1.11

Trawl or dredge 8 B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Am

8:46:00

0

8:47:00 9:11:00

100

55:00 9:07:20

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Observations taken on sand dollars

No. 2444 Date June 25

Tanner Machine. Reel.

Turns 38 Cor. + 1 Depth 39

Shot or lead 18 lb

Bottom white sand & shells

Bottom temperature 34.5

No. of thermometer 53731 Cor. -.1

Corrected temperature 34.4

Air 49 Surface 45 Drift 77 21

Trawl or dredge 8 B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Am		0	10.59.00	20.00
10.54.00		100	11.07.00	11.18.00
		200	~~~~~	
		300	11.21.00	45.00
		400	11.40.00	11.40.00
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Sand dollars abundant but
crabs few

No. 2445 Date June 25th
 Tanner Machine. Reel.

Turns 38 Cor. + 1 Depth 39

Shot or lead 18 lb

Bottom bk shells

Bottom temperature 33.5

No. of thermometer 53731 Cor. 0

Corrected temperature 33.5

Air 47 Surface 44 Drift 776.1 m

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.57.00

0

12.54.00 1.14.30

120
100

1.02.30 1.10.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURES.

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

REMARKS:

Majority of the faul sand dollars -
 Spiny sea urchins
 Numerous hermit crabs
 Few very small fish - Blue starfish and
 Scudians.

No. 7446 Date June 25th 1885.
 Tanner Machine. — Reel.

Turns 39 Cor. + 1 Depth 40

Shot or lead 18 lbs

Bottom broken shells

Bottom temperature 35.5

No. of thermometer 53731 Cor. - .2

Corrected temperature 35.3

Air 48 Surface 43 Drift 2 1/2 S. 1/2 W.

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7. 17. 00	18. 15	0	7. 21. 00	45. 00
17. 30		1700	29. 00	7. 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 TEMPERATURES.

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

REMARKS:

* see 2 pages ahead for 2447.

No. 2448 Date June 25th 1885.
 Tanner Machine. Reel.

Turns 39 Cor. + 1 Depth 40

Shot or lead

Bottom sand & gravel

Bottom temperature 34

No. of thermometer 53731 Cor. -.1

Corrected temperature 33.9

Air 48 Surface 43 Drift N. N. E. 1 mile

Trawl or dredge S. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.37.00	34.00	0	4.40.00	55-
37.30		1700	47.30	4.58.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 767 *Hyde* Date June 25
Tanner Machine. Reel.

Turns 38 Cor. + 1 Depth 39

Shot or lead 18 lb

Bottom *dry sand*

Bottom temperature 34.5

No. of thermometer 53731 Cor. -.1

Corrected temperature 34.4

Air 48 Surface 43 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.59.00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

507. * see 2 pages back for 2448.

No. *2447* Date *June 25th 1885*
Sigsbee Machine. — Reel.

Turns *38* Cor. + *1* Depth *39*

Shot or lead

Bottom *Broken shells*

Bottom temperature *35*

No. of thermometer *53731* Cor. *-.2*

Corrected temperature *34.8*

Air *48* Surface *43* Drift *77 NE 1/111*

Trawl or dredge *S. B.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.50.00</i>	<i>3.51.30</i>	<i>0</i>	<i>3.55.00</i>	<i>15.30</i>
<i>.30</i>		<i>1700</i>	<i>4.01</i>	<i>4.10. -</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 TEMPERATURES.

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

REMARKS:

No. 7449 Date June 25th 1885
 Tanner Machine. - Reel.

Turns 38 Cor. + 1 Depth 39

~~Shot~~ or lead 18 lbs.

Bottom Broken shells

Bottom temperature 33

No. of thermometer 53731 Cor. - .0

Corrected temperature 33.0

Air 46 Surface 42 Drift N. N. W. 1 mile

Trawl or dredge L. B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.58.00	7.00.	0	7.03.00	28.00
30		1200	17.00	7.23.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2450 Date June 25th 1885.
 Tanner Machine. — Reel.

Turns 43 Cor. + 1 Depth 44

Shot or lead 18 lbs

Bottom pebbles & broken shells.

Bottom temperature 31

No. of thermometer 53731 Cor. 0

Corrected temperature 31

Air 45 Surface 42 Drift 27 NW 1/2

Trawl or dredge S.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.31.00	34.00	0	8.38.00	9.01.00
.45	8.33.00	1300	46.00	8.57.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

56P

No. 2451 Date June 26th 4 AM,
Tanner Machine. Reel.

Turns 65 Cor. + 2 Depth 67

~~Shot or lead~~ 18 lbs

Bottom Sand & shells

Bottom temperature 29.7

No. of thermometer 53731 Cor. 0

Corrected temperature 29.7

Air 41 Surface 40 Drift 76W x 17.1N

Trawl or dredge S B

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.00.00	4.03.00	0	4.19.00	52.40
09.30		67	22.30	50.30
		100	32.00	4.47.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

8 Bortanier - Shrimp, 1 Sand dollar

SLP

No. 2452 Date June 26th 6.05 AM.

Tanner Machine. Reel.

Turns 87 Cor. + 2 Depth 89

Shot or lead 15 lbs

Bottom fine green sand

Bottom temperature 29.7

No. of thermometer 53731 Cor. 0

Corrected temperature

29.7

Air 54 Surface 40 Drift 1/2 W. 1 mi.

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.05

6.07

0

6.14

44.30

100

18.30

42.00

200

22.30

6.39.01

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

A few Crabs, few flounders & Star fish. A few dead shells.

No. 2453 Date June 26 7:55 AM
 Tanner Machine. Reel.

Turns 80 Cor. + 2 Depth 82

Shot or lead 18 lbs

Bottom Green mud & fine sand

Bottom temperature 29.7

No. of thermometer 53731 Cor. 0

Corrected temperature 29.7

Air 48 Surface 41 Drift NNW. 1 mi.

Trawl or dredge L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7 56.00	7 59.30	0	8.02 00	33.30
		100	07.00	30.30
		200	12.00	28.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Few crabs and starfish and few small flounders.

No. *2454* Date *June 26th 10.13 am*

Tanner Machine. Reel.

Turns *72* Cor. + *2* Depth *74*

Shot or lead *18 lbs*

Bottom *fine grey sand*

Bottom temperature *29.4*

No. of thermometer *53731* Cor. *0*

Corrected temperature *29.7*

Air *46* Surface *42* Drift *76 77 78 line*

Trawl or dredge *LB*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.13.00</i>	<i>10.15.00</i>	<i>0</i>	<i>10.17.00</i>	<i>48.00</i>
<i>13.30</i>	<i>13.40</i>	<i>200</i>	<i>21.00</i>	<i>45.00</i>
		<i>200</i>	<i>25.00</i>	<i>10.42.00</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 TEMPERATURES.

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

REMARKS:

6 *Astrorhynchon* sp.

SCP

No. 2455 Date June 26th 12.20 P.M.

Tanner Machine. Reel.

Turns 79 Cor. + 2 Depth 81

Shot or lead 18 lbs

Bottom brown sand

Bottom temperature 30

No. of thermometer 53731 Cor. 0

Corrected temperature 30

Air 45 Surface 43 Drift W. 3/4 m.

Trawl or dredge LB

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
12.20.00	12.23.00	0	12.25.00	56.00
12.20.55	12.21.00	79	29.20	52.50
		200	34.30	49.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

1 Small Octopus, 4 Astrophyten

No. 2456 Date July 2nd 1885.

Tanner Machine. Reel.

Turns 84 Cor. + 2 Depth 86

~~Shot or lead~~ 18 lb.

Bottom gravel

Bottom temperature none taken

No. of thermometer _____ Cor.

Corrected temperature

Air 47 Surface 46 Drift S x E 1 m.

Trawl or dredge "Blade"

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.53.00	7.57.00	0	8.00.00	8.25.00
		100	.09.00	
		200	16.00	8.27.00
		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 TEMPERATURES.

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

REMARKS:

*Few shells, sea-urchins and
hermit crabs*

No. *2457* Date *July 2nd 1895*
Tanner Machine. — Reel.

Turns *83+1* Cor. + *2* Depth *86*

Shot or lead *18 lbs*

Bottom *grey sand*

Bottom temperature *29.5*

No. of thermometer *13791* Cor. *0*

Corrected temperature *29.5*

Air *48* Surface *47* Drift *S. & E. 1 mile*

Trawl or dredge *"Blake"*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.40.00</i>	<i>10.43.00</i>	0	<i>10.48.00</i>	<i>26.</i>
		100	<i>54.00</i>	<i>23.</i>
		200	<i>59.00</i>	<i>11.20.00</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2458 Date July 2^o 1885
 Tanner Machine. Reel.

Turns 87 Cor. + 2 Depth 89

Shot or lead 18 lbs.

Bottom sand and green mud.

Bottom temperature 29.5

No. of thermometer 53731 Cor. 0

Corrected temperature 29.5

Air 50 Surface 48 Drift S. 71. 1 mile

~~Trawl~~ dredge "Blake"

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.28.00	7.31.20	0	2.35.00	3.00.00
		100	39.00	56.30
		200	43.20	2.54.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2459 Date July 2nd 1885.

Tanner Machine. Reel.

Turns 86 Cor. + 2 Depth 88

Shot or lead 18 lbs

Bottom coarse grey sand.

Bottom temperature 29.5

No. of thermometer 53731 Cor. 0

Corrected temperature 29.5

Air 50 Surface 49 Drift S. 1 mile

Trawl or dredge "Blake"

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.04.00	6.08.00	0	6.10.30	23.00
		100	13.30	
		200	18.00	6.26.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

E.H.S.
507.

No. 768 Hyd. Date July 2nd 1885.

Tanner Machine. Reel.

Turns 74 1/2 Cor. + 2 Depth 76 1/2

Shot or lead

Bottom coarse grey & black sand

Bottom temperature 29.5

No. of thermometer 53731 Cor. 0

Corrected temperature 29.5

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 20.00	23.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 769 Date July 30
Machine. Reel.

Turns 76 Cor. + 2 Depth 78

Shot or lead 18 lb

Bottom sh. gy. s. bk. sh. w.

Bottom temperature 29.5

No. of thermometer 53731 Cor. 0

Corrected temperature 29.5

Air 49 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
2.45.00	2.47.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *770*Date *July 3d 1885*Machine. *Tanner*

Reel.

Turns *73*Cor. + *2*Depth *75*Shot or lead *18 lb*Bottom *fine gy sand*Bottom temperature *29.5*No. of thermometer *53731*Cor. *0*

Corrected temperature

*29.5*Air *49*Surface *47*

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>3.32.00</i>	<i>3.34.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *2460* Date *July 3 1885*

Tanner Machine. Reel.

Turns *65* Cor. + *2* Depth *67*

Shot or lead *18 lb*

Bottom *gy sd shells*

Bottom temperature *30*

No. of thermometer *53731* Cor. *0*

Corrected temperature *30*

Air *50* Surface *47* Drift *WSW 1/2 N*

Trawl or dredge *Blank*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4:22:00</i>	<i>4:26:00</i>	0	<i>4:45:00</i>	<i>5:01:00</i>
		100	<i>51:00</i>	<i>56:00</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 TEMPERATURES.

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

REMARKS:

- Few crabs few shrimp, and few
 starfish small sponges few sea
 urchins - few dead shells

No. 771 Date July 31

Tanner Machine. Reel.

Turns 63 Cor. + 2 Depth 65

Shot or lead 18 lb

Bottom fk. sand

Bottom temperature 29.7

No. of thermometer 53731 Cor. 0

Corrected temperature 29.7

Air 50 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<u>AM</u> <u>5.04</u>	<u>5.06</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No.

2461

Date

July 30. 1880

Machine.

Reel.

Turns

57

Cor. +

2

Depth

59

Shot or lead

18 lb

Bottom

fine sand & shells

Bottom temperature

30.

No. of thermometer

53731

Cor.

0

Corrected temperature

30

Air

5.4

Surface

4.8

Drift

W 101. 1/2

Trawl or dredge

Sigsbee

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5. 45.00

5. 47.00

0

6. 03.00

27.00

150

18.00

6. 22.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Small shells abundant - some of them
 from fine sea urchins, few small shells

No. 2462 Date July 3 1885

Machine. Reel.

Turns 410 Cor. + 41 Depth 41

Shot or lead 18 lb

Bottom soft. sand. blk. sp.

Bottom temperature 30.

No. of thermometer 53731 Cor. 0

Corrected temperature 30

Air 52, Surface 48 Drift W. 1/2 N.

Trawl or dredge Shipe

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.07 00		0	7.18 00	35 00
		100	23. 00	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		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Some dollars abundant fine limit
 or less. head and part of body of the
 land-

No. 2463 Date July 3 1885

Machine. Reel.

Turns 44 Cor. + 1 Depth 45

Shot or lead

Bottom Broken shells

Bottom temperature 30

No. of thermometer 53731 Cor. 0

Corrected temperature 30

Air 50 Surface 48 Drift W. $\frac{3}{4}$ mile

Trawl or dredge Ship

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.15

8.17.00

0

8.34.00

47

100

34.00

45.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Sounding wire 20 fathoms

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

few hours at Corals, few sea anemones.
 few sponges and some small stars.

No. *2464* Date *July 3rd 10:05 AM*

Tanner Machine. Reel.

Turns *41* Cor. + *1* Depth *42*

Shot or lead *18 lbs*

Bottom *wh. + blk sand, Brk Sh.*

Bottom temperature *32*

No. of thermometer *53731* Cor. *0*

Corrected temperature *32*

Air *52* Surface *47* Drift *W. 3/4 mile*

Trawl or dredge *ship*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>AM</i> <i>10.05</i>	<i>10 06.20</i>	<i>0</i>	<i>10.14.00</i>	<i>31.00</i>
		<i>100</i>	<i>21.40</i>	<i>10.28.00</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>		

This is the time for the 2000 fathoms

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

*Hermit Crabs. Spide crabs
dead shells from each*

507. *W. H. M.*

No. 2465

Date July 3rd 1885

Machine. Reel.

Turns 65 Cor. + 2 Depth 67

Shot or lead 18 lb

Bottom blk. on gy. sand

Bottom temperature 30

No. of thermometer 58731 Cor. 0

Corrected temperature 30

Air 52 Surface 48 Drift S. 3/4 N

Trawl or dredge Skip

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.11.17</i>		0	12 16.00	12 36.00
12.13.00	12.15.00	100	12.24.00	12.33.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

① *Phainoides* sea, within standard
 from 1000 yds. to 1000 yds. also few stones.

507. *April*

No. *2466* Date *July 3 1881*

Tanner Machine. Reel.

Turns *65* Cor. + *2* Depth *67*

Shot or lead *18 lb*

Bottom *Coar*

Bottom temperature *30*

No. of thermometer *53731* Cor. *0*

Corrected temperature *30*

Air *53* Surface *57* Drift *SS W 1/2 N*

Trawl or dredge *Ship*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>P.M.</i> <i>2:30.05</i>	<i>2:32.00</i>	<i>0</i>	<i>2:40.00</i>	<i>3:01.00</i>
		<i>100</i>	<i>2:49.00</i>	<i>2:56.00</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 TEMPERATURES.

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

REMARKS:

offinoides 2 or 3 inches high
 equals 2 Sculpins spine crabs few Sculpins
 few stars
 abundant

No. *2467* Date *July 31 1881*

Tanner Machine. Reel.

Turns *37* Cor. + *1* Depth *38*

Shot or lead *18 lb*

Bottom *fine, coh. sand. M. sp.*

Bottom temperature *36*

No. of thermometer *53731* Cor. *-.2*

Corrected temperature *35.8*

Air *58*, Surface *52* Drift *5.50 3/4*

Trawl or dredge *Ship*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5:52.00</i>	<i>4:51.00</i>	0	<i>5:51.00</i>	<i>5:53.00</i>
		100	<i>5:38.00</i>	<i>5:50.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl Shot and line Aug 13 1881

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

Halbalter war. Sand. hell aus. Spitze
 Crabs. Horn. crabs. Sea. wach. aus. 2.1.1
 Shell

No. 2468 Date July 31 1885

Tanner Machine. Reel.

Turns 211 Cor. + 1 Depth 4 1/2

Shot or lead 15 lb

Bottom fine blk sand

Bottom temperature 33

No. of thermometer 53751 Cor. 0

Corrected temperature 33

Air 57 Surface 52 Drift SxW 1/2 N

Trawl or dredge Ship

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.12.00	7.43.00	0	7.21.50	07.00
		100	54	8.01.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Aphanizomenon 200 inches dead shells
 few starfish *Photothurion* few stones

569No. 2469 Date July 4th 4:04 AM
Sigsbee Machine. / Reel.

Turns 181 Cor. + 20 Depth 201

~~Shot or lead~~ 35 lb

Bottom green mud

Bottom temperature 40.8

No. of thermometer 53731 Cor. - 3

Corrected temperature 40.5

Air 55 Surface 54 Drift ESE, 1 m

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.04 40	4 10.10	0	4 29	16.40
04.50	4.08.20	100	4 33	13.30
05 30	4 07.40	181 200	36.20	10.15
		300	41.00	07.10
		350 400	44.00	5.05
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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3700
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3900
4000

SERIAL TEMPERATURES.

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

Trawl contained

REMARKS:

Large number of *Pratulas*
 4 species of sea anemone
 Large number of Buchrams
 19 pole flounders, 2 Norway Haddock
 few starfish

No. 2470 Date July 4th 7:11 A.M.
 Sigsbee Machine. 1 Reel.

Turns 202 Cor. + 22 Depth 224

~~Shot or lead~~ 35 lbs

Bottom Gray mud

Bottom temperature 40½

No. of thermometer 53731 Cor. - 3

Corrected temperature 40.2

Air 56 Surface 54 Drift ESE. 1½ m.

Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.11.05	21.30	0	7.37.00	23.30
12 15	20.00	100	41.40	20.30
12.50	16.00	200	44.30	18.00
		300	46.40	15.30
		400	50.00	13.00
		450		
		500	52.30	8.11.30
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	Trawl contained			
800	Several varieties of shells.			
900	30 to 40 Bairds granadiers.			
1000	11 specimens Goodes cup coral			

REMARKS:

number of sea urchins -
 Schizaster. Several varieties
 of star fish. many sea pens
 chiefly *pnatula borealis*
 numbers of skate's eggs with embryos.
 1 *Rossia megaptera*.

SRP

No. 2471

Date July 4th 10:22 A.M.

Sigsbee Machine. 1 Reel.

Turns 196 Cor. + 22 Depth 218

Shot or lead 35 lbs

Bottom grey mud & sand

Bottom temperature 40.7

No. of thermometer 53731 Cor. -.3

Corrected temperature 40.4

Air 56 Surface 53 Drift SW x W. 1/2 N

Trawl or dredge L. D.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10. 22.00	29.00	0	10.31.30	24.00
23.00	27.30	100	36.40	21.30
24.00	10.26.00	196 200	40.00	19.50
		300	44.00	16.10
		400	48.20	13.10
		430 500	50.30	11.11
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		2200		
		2300		
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3700
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4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500	Trawl caught on rocky bottom			
600				
700				
800				
900				
1000	Trawl contained			

REMARKS:

Several varieties of Sponges.
 Many small brittle stars
 Hard Gronards. Few shrimp
 and several forms of crustacea.
 7 species of shells
 Several stones. 1 Baird
 Gronardus.

SLP

No. Hyd 772 Date July 4th 1:09 P.M.
Sigsbee Machine. 1 Reel.

Turns 689 Cor. + 72 Depth 761

~~Shot or lead~~ 35 lbs

Bottom gray ooze

Bottom temperature 39

No. of thermometer 53731 Cor. - 3

Corrected temperature 38.7

Air 56 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1	09.00	28.00	0		
	10.00	26.50	100		
	11.05	25.50	200		
	12.30	24.50	300		
	13.45	23.45	400		
	15.30	22.41	500		
	17.00	21.00	600		
	18.20	1.20.00	689 700		

800

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4000

SERIAL TEMPERATURES.

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

REMARKS:

SLP

No. *Hyd 773* Date *July 4th 1:53 P.M.**Sigsbee* Machine. Reel.Turns *720* Cor. + *75* Depth *795*Shot or lead *35 lbs*Bottom *gray ooze*Bottom temperature *39*No. of thermometer *53731* Cor. - *3*Corrected temperature *35.7*Air *59* Surface *54* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1.53.00</i>	<i>13.20</i>	<i>0</i>		
<i>54.00</i>	<i>12.10</i>	<i>100</i>		
<i>55.00</i>	<i>11.00</i>	<i>200</i>		
<i>56.10</i>	<i>09.50</i>	<i>300</i>		
<i>57.40</i>	<i>08.30</i>	<i>400</i>		
<i>59.00</i>	<i>07.30</i>	<i>500</i>		
<i>2.01.20</i>	<i>06.10</i>	<i>600</i>		
<i>02.30</i>	<i>05.00</i>	<i>700</i>		
<i>03.00</i>	<i>04.30</i>	<i>720</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
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		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
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SERIAL TEMPERATURES.

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

REMARKS:

S.P.

No. *Hyd 774* Date *July 4th 2:41 P.M.**Sigsbee* Machine. 1 Reel.Turns *512* Cor. + *54* Depth *566*Shot or lead *35 lbs*Bottom *hard bottom*Bottom temperature *39*No. of thermometer *53731* Cor. - *.3*Corrected temperature *38.7*Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>2, 41.00</i>	<i>55.00</i>	<i>0</i>		
<i>42.00</i>	<i>53.15</i>	<i>100</i>		
<i>43.10</i>	<i>52.15</i>	<i>200</i>		
<i>44.30</i>	<i>51.15</i>	<i>300</i>		
<i>45.50</i>	<i>50.00</i>	<i>400</i>		
<i>47 10</i>	<i>48.40</i>	<i>500</i>		
		<i>512</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>		
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		<i>2000</i>		
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		<i>2400</i>		

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SERIAL TEMPERATURES.

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

REMARKS:

SRP

No. Hyd. 775 Date July 4th 3:16 P.M.

Sigsbee Machine. 1 Reel.

Turns 330 Cor. + 36 Depth 366

~~Shot or lead~~ 35 lbs

Bottom grey ooze & pebbles

Bottom temperature 40

No. of thermometer 53731 Cor. -.3

Corrected temperature 39.7

Air 59 Surface 53 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

3.16.00	25.00	0		
17.25	23.50	100		
18.35	22.55	200		
20.00	21.45	300		
20.30	21.30	330		
		400		

500

600

700

800

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3000

3100

3200

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3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. *Hyd 776* Date *July 4th 3:37 P.M.*
Sigsbee Machine. *1* Reel.

Turns *410* Cor. + *44* Depth *454*

Shot or lead *35 lbs.*

Bottom *grey ooze*

Bottom temperature *40*

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

Corrected temperature *39.7*

Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>3, 37.00</i>	<i>48.30</i>	0		
<i>38.25</i>	<i>47.25</i>	100		
<i>39.50</i>	<i>46.30</i>	200		
<i>41.30</i>	<i>45.30</i>	300		
<i>43.00</i>	<i>44.30</i>	400		
		410		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
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		2200		
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3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

SLP

No. *Hyd 777* Date *July 4th 4:05 P.M.*
Sigsbee Machine. *1* Reel.

Turns *300* Cor. + *33* Depth *333*

Shot or lead *35 lbs*

Bottom *Coarse Sand & gravel*

Bottom temperature *40.3*

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

Corrected temperature *40*

Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>4.05.00</i>	<i>12.00</i>	<i>0</i>		
<i>06.00</i>	<i>11.00</i>	<i>100</i>		
<i>07.00</i>	<i>10.00</i>	<i>200</i>		
<i>08.00</i>	<i>09.00</i>	<i>300</i>		

400

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1200

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2000

2100

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2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

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

REMARKS:

No. 2472 Date July 4th 4:23 P.M.

Sigsbee Machine. 1 Reel.

Turns 124 Cor. + 13 Depth 137

Shot or lead 35 lbs

Bottom Coarse Sand & gravel

Bottom temperature 40.3

No. of thermometer 53731 Cor. - .3

Corrected temperature 40

Air 59 Surface 53 Drift N. W. 1/2 m

Trawl or dredge Tangles with grapnels

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4, 23, 00	27 00	0	4, 30, 00	59, 30
24, 05	25 45	100	34, 30	56, 30
24, 25	25 45	200	41, 20	53, 30
		240	43 00	4, 52, 00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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SERIAL TEMPERATURES.

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

REMARKS:
 A few star fish & Sea
 urchins

۱-۱۰۰

۱۰۰ - ۱۰۰

$$\begin{array}{r}
 313 \\
 135 \\
 \hline
 488 \\
 525 \\
 \hline
 1013
 \end{array}$$

$$\begin{array}{r}
 221 \\
 185 \\
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 406
 \end{array}
 \qquad
 \begin{array}{r}
 249 \\
 135 \\
 \hline
 384
 \end{array}$$

$$\begin{array}{r}
 359 \\
 135 \\
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 494 \\
 134 \\
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 628
 \end{array}
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 \begin{array}{r}
 359 \\
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 494 \\
 134 \\
 \hline
 628
 \end{array}$$

409

$$\begin{array}{r}
 453 \\
 435 \\
 \hline
 888 \\
 128 \\
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 1016
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 \qquad
 \begin{array}{r}
 14 \\
 35 \\
 \hline
 49
 \end{array}$$

5000
279

4721

152

4848

5000

330

4670

5000

1365

3635

5000

578

5572

5000

689

4311

5000

1939

3061

5000

473

4527

5000

748

4252

5000

970

4030

5000

720

4280

813

714

107

$$\begin{array}{r} 5009 \\ 181 \\ \hline 4819 \end{array}$$

$$\begin{array}{r} 5000 \\ 2865 \\ \hline 7132 \end{array}$$

$$\begin{array}{r} 5000 \\ 2729 \\ \hline 2271 \end{array}$$

$$\begin{array}{r} 49.00 \\ 17.60 \\ \hline 31.40 \end{array}$$

$$\begin{array}{r} 4.35 \\ 1.35 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 1942 \\ \hline 6000 \overline{) 12252} \quad 2 \\ \underline{12000} \\ 752 \end{array}$$