

No. 3323-3347

Hyd - 2529-2606

Sigbee Reel #2

Correction Table 220 Cor.

Cor	Sum	Cor	Sum	Cor	Sum
0	50	31	1650	120	3250
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	139	3500
2	350	43	1950	143	3550
2	400	45	2000	147	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	201	4250
14	1100	83	2700	206	4300
15	1150	86	2750	210	4350
16	1200	89	2800	214	4400
17	1250	92	2850	218	4450
18	1300	95	2900		
21	1350	99	2950		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
20	1600	116	3200		
21					

Count

To the South

311 1/2

Count

100 1/2

75 1/2

50 1/2

25 1/2

$$\begin{array}{r} 100 \\ 100 \\ \hline 198 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

100

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

$$\begin{array}{r} 100 \\ 100 \\ \hline 200 \end{array}$$

No. 2529 by Date August 19, 1891
 Tanner Machine. - Reel. -

Turns 42 Cor. + 1 Depth 25 fms

Shot or lead 28 lbs

Bottom sh. S

Bottom temperature 41.5

No. of Thermometer 63912 Cor. -

Corrected temperature 41.5

Air 25° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6 30 20 6 31 45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Put 8 fathoms over astern side 6 fms. 22
 Quat 4 38 -
 Color: Reddybank

1 White lead 29 min
 9 lbs.

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

SERIAL TEMPERATURE,

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

REMARKS,

No. 3723 ¹² Date Aug 10 1891

Tanner Machine. Reel.

Turns 50 Cor. 1 Depth 51 fms

Shot or lead 28 lbs

Bottom fine bk. s

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift.

Trawl or dredge or tangles Rauge Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 02.20	03 50	0	7 18.00	26.00
03.00	7.03.02	100	24.00	7 42.15
		150		
		200	26.00	7 46.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part of 9 hauls done with 100 fms net
 in at 15' Catch. Nil

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

SERIAL TEMPERATURE.

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

REMARKS.

By *Thermometer*, *Booster* *Blas*
1 *Blas* *for* *water* *t.* *1* *Blas*.
Small *gallon*
at *sea* *level*
2 *Blas* *of* *water* *for*

302.

No. 2530 *Hy^e* Date August 19th 1890.
Tanner Machine. — Reel.

Turns 41 Cor. + 1 Depth 42 fms

Shot or lead 28 lbs.

Bottom *fk. S. sh.*

Bottom temperature 42° ±

No. of Thermometer 63917 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.05.00	8.07.00	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		

10 Hand lines over side at 5.10
 in at 5.40
 Caught: — 53 Cr. fish.

5 Mad about.
 3 Pentapins.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Serial Temperature Measurements

DEPTH,	TEMP.	NO. OF THER.	COR.	STR. TEMP.
25	6 hrs.	Minimum	25	100
50	23 hrs.	Maximum	36	100
100	10 1/2 hrs.	Average	29 1/4	100
300	25	Males	25	Females
400				
500				
600	Habitat Measurements -			
700	6 hrs.	Minimum	26	100
800	32 hrs.	Maximum	43	100
900	15 1/2 hrs.	Average	34	100
1000				

REMARKS.

107

No. 2531 Hyp. Date August 19th 1895

Tanner Machine. - Reel.

Turns 15 Cor. + - Depth 15 fms.

Shot or lead 28 lbs.

Bottom G. S. & S.

Bottom temperature 44.5

No. of Thermometer 63912 Cor. - .1

Corrected temperature 44.4

Air 48° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-50.00	8-53.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

65
cor.

No. 2532 Hyd. Date August 20th 90
Tanner Machine. - Reel,

Turns 39 Cor. = 1 Depth 60 fms

Shot or lead 28 lb

Bottom bk s + s

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 47 Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.53.58	55.40	0		
54.20	7.54.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part 9 - 15 fms over bottom = 17.53
 Done at 6.12
 Catch 1 Halibut. 15 lbs. 3 1/2 #

2600
2650
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	SEA OF THIS.	DIR.	WIND, TIME.
15				
37				
110				
180				
250				
340				
510				
660				
740				
860				
980				
1000				

REMARKS

No. 2583 *Hy.* Date August 20th 1890
 Tanner Machine. - Reel.

Turns 46 Cor. + 1 Depth 47 fms.

Shot or lead 25 lbs.

Bottom S. v. Sh.

Bottom temperature 42.4

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.3

Air 45° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.31.05

8.34.40

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 Hand lines over front pulley at 8.35.
 In at 8.57

October - 7 Oct. 7
 } haulings

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	11.45	7110	28	11.45
50	5.70	11.00	27	5.70
100	15.00	Average	22	15.00
200				
300	1	Moller	6	300
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

M. C. S.
367.

No. *2551* - Date *June 7 1890*
Tanner Machine. - Reel.
 Turns *38* Cor. *+* Depth *32 fms.*
 Shot or lead *25 lbs.*
 Bottom *fk. G. & sh.*
 Bottom temperature *42.2*
 No. of Thermometer *2391* Cor. *- .1*
 Corrected temperature *42.1*
 Air *48°* Surface *48°* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.11.00</i>	<i>9.13.00</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		

9.11.00 begins down part paid at 9.15
the at 9.27
Caught 10 Cod fish
1 Mallard. 3 fms. 20 m.

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

3. SERIAL TEMPERATURE Measurements

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	9 105	Thermometer	27	ice
50	15 105	Thermometer	33	
100	11 105	Average	30	
200				
300	4	Thermometer	6	Sample
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2500 Date August 20th 1892
Tanner Machine. - Reel.

Turns 30 Cor. + - Depth 30 fms

Shot or lead 25 lbs

Bottom h. s.

Bottom temperature

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.⁹

Air 47⁰ Surface 48⁰ Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.46.50 9.48.50

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

75
26

2
6
6

2 lead lines over port side at 9.50
 In at 11.55.
 Caught 78 Cod fish

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THERM.	COR.	COR. TEMP.
25	6	Therm	24	=
50	18	Therm	50	18
100	10	Therm	29	10
200				
300	14	Therm	14	Therm
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1170
467

No. 2536 Date August 20th 1896
Machine. - Reel.

Turns 36 Cor. + Depth 37 fms.

Shot or lead 28 lbs.

Bottom Yk. S.

Bottom temperature 42.2

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.1

Air 47 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.24.00 10.26.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 fms. below
at 10 fms.
Cable - 10 fms.
10 fms. below
at 10 fms.

10 fms. below
at 10 fms.
Cable - 10 fms.
10 fms. below
at 10 fms.

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

Habitat SERIAL TEMPERATURE Measurements

DEPTH.	TIME.	NO. OF THER.	COR.	COR. TEMP.
25	7	102	Thermist	26
50	9	102	Thermist	27
100	8	102	Thermist	26 1/2
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3537 ^{Day 2} Date August 20th 1892

Machine. - Reel.

Turns 34 Cor. + 1 Depth 35 fms

Shot or lead 28 lbs.

Bottom gy. s. & sh.

Bottom temperature 42.2

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.2

Air 47° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11:10:00 11:12:00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

9 David Lewis one pint side at 11:13:30
 In at 11:22.
 Contents: 3 Turbot, 1 Sculpin.

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2538 $\frac{4}{2}$ Date August 20th 1890.
 Tanner Machine. Reel.

Turns 42 Cor. + 1 Depth 43 fms.

Shot or lead 28 lbs

Bottom fl. S.

Bottom temperature 41.5

No. of Thermometer 63912 Cor. -

Corrected temperature 41.5

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.53.04

11.55.00

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

10 fms line over port side at 11.55 -
 for 12.11
 Caught -
 2 Holothur
 1 Cord fish, 10 lbs. 0.1 in

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

Walby's Measurements
SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	DUR.	COR. TEMP.
25	27.00	5 lbs	27.00	
50	26.00	4 "	25.00	
100	25.00	2 1/2 "	25.00	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1891
567.

No. 3322 ⁵⁰ Date August 20th 1891
Tanner Machine. Reel.

Turns 166 Cor. + 3 Depth 169 fms

Shot or lead 25 lbs

Bottom ~~gy S~~ G. S. R

Bottom temperature No. 1000

No. of Thermometer 63872 Cor. -

Corrected temperature -

Air 47° Surface 47° Drift. 13.00 hours

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12 44 20	44 20	0	12 45 00	35 55
42 40	12 42 50	100	54 5	33 20
		200	1 00 30	30 5
		300	27 10	27 20
		400	13 10	1 35 40
		500	36 32	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

4 fathoms...
 Prof. ...
 1. ...
 2. ...
 ...
 ...

5073
EB

No. 3325 *W* Date August 26th 1890
 Sigsbee Machine. 2 Reel.

Turns 276 Cor. + 8 Depth 284 fms

Shot or lead 38 lbs

Bottom gm M

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 50° Surface 49° Drift. W 1/2 E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 10 55	18 45	0	2 20 10	36 10
12 20	17 50	100	24 40	24 20
14 15	16 55	200	27 53	13 15
14 50	2 16 05	300	30 10	29 15
		400	33 30	25 12
		500	36 10	32 50
		600	39 45	20 20
		700	41 45	18 10
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Best time on wire in water at this depth 30' on at 3.07

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

amphipods
 1 Pair ~~1 Pair~~
 1 Pair, 1 *Leptocaris* Crab,
 1 *Alpheidae* *Alpheidae* *Alpheidae*
 1 *Alpheidae*, 1 *Alpheidae* *Alpheidae*
 1 *Alpheidae*, 1 *Alpheidae*

W. C. C. 1890

No. 3326 *D=* Date August 26th 1890.

Sigsbee Machine. #2 Reel.

Turns 528 Cor. + 48 Depth 576 fms.

Shot or lead 38 lbs.

Bottom *M.*

Bottom temperature 37.5

No. of Thermometer 63912 Cor. -

Corrected temperature 37.5 2 m

Air 50° Surface 49° Drift. S.E. x E. 1/2 E.

Trawl or dredge or tangles long beam & mud bag.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	UP.		DOWN.	UP.	
<i>W. C. C.</i> 4. 21. 30	4. 35. 00	0	4. 58. 00	6. 45. 00	
		100	5. 03. 00	}	
		200	07. 10		
		300	11. 2		
		400	15. 25		
		500	19. 40		
		600	23. 15		
		700	26. 40		
		800	30. 25		
		900	35. 50		
		1000	40. 00		
		1100	43. 15		6. 17. 00
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	52.8	172		
100	59.10	48		
200		528		
300		576		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Net cork up. badly torn.

Shrimps, Sponges, Marine Bryozoa.
Hydra, Corals, etc. Anemones.

M. J.
507.

No. 3327 *NE* Date August 25th 1890.
Sigsbee Machine. #2 Reel.

Turns 295 Cor. 27 Depth 322 fms.

Shot or lead 35 lbs.

Bottom *fk. s.*

Bottom temperature 38.2

No. of Thermometer 63912 Cor. -

Corrected temperature 38.2

Air 48° Surface 49° Drift. *3.2 012.27*

Trawl or dredge or tangles *Small beam.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.49.00	7.58.00	0	7.59.00	7.11.50
		100	8.03.20	08.00
		200	07.00	05.00
		300	10.50	9.42.00
		400	13.10	52.00
		500	17.25	33.30
		600	22.30	53.00
		650		
		700	25.10	8.50.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	FATH.	NO. OF THER.	COR.	COR. TEMP.
25	2500	230		
50	295	182		
100	4145	27		
200		275		
300		322		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

From 2500 to 2950 fathoms
deep 2000 fathoms

No. 2539 Date Aug 26 - 77

Machine. Reel.

Turns 572 Cor. + 52 Depth 624 fms

Shot or lead 35 lbs

Bottom fm. M

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<u>P.M.</u> <u>50 55 10</u>	<u>7 1 10</u>	0		
<u>56 40</u>	<u>17 15</u>	100		
<u>57 50</u>	<u>14 13</u>	200		
<u>59 40</u>	<u>12 00</u>	300		
<u>11 01 00</u>	<u>09 10</u>	400		
<u>03 10</u>	<u>06 10</u>	500		
<u>03 10</u>	<u>11 04 10</u>	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

~~2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000~~

SERIAL TEMPERATURE,

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

REMARKS.

No. 3328 Date August 21st 1890.

Sigsbee Machine. #2 Reel.

Turns 536. Cor. + 48 Depth 578 fms

Shot or lead 35 lbs.

Bottom M.

Bottom temperature 37°

No. of Thermometer 63912 Cor. -

Corrected temperature 37°

Air 47° Surface 48° Drift. 1' N. & E

Trawl or dredge or tangles large beam trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.04.30	6.23.15	0	6.25.00	-
		100	29.10	-
		200	32.50	27.10
		300	37.00	21.20
		400	40.40	35.15
		500	44.10	38.30
		600	47.50	23.40
		700	52.15	16.10
		800	56.10	08.00
		900	7.04.30.8	02.00
		1000	06.15	56.00
		1100	11.00	50.00
		1200	15.30	7.44.00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.20	510		
50	43.0	112		
100	39.10	47		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Three bottles in tow at
180 fath. first & second beam
& 1. second beam, and 100 fms
wire

No. 3329 *W* Date August 21 1891

Sigsbee Machine. 2 Reel.

Turns 365 Cor. + 34 Depth 399 fm

Shot or lead 35 lbs

Bottom fine bk. S

Bottom temperature 37.7

No. of Thermometer 63912 Cor.

Corrected temperature 37.2

Air 52° Surface 57° Drift. 1' 48 1/2" N

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP.	
9 30.30	40.00	0	9 48.20	11 01.20	
31 40	38.40	100	45.50	58.40	
32 50	37.55	200	52.45	56.10	
34 00	37.00	300	07.20	53.20	
34 30	0.36.50	400	10.00.10	50.40	
		500	13.04	48.20	
		600	06.40	45.35	
		700	10.10	42.10	
		800	23.50	10 38.50	
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

1 Crab, Ophurians, Sculpin,
 2 Shrimps & Holothurians
 2 H. Worms. 1 Sea Octopus
 20 Molluscs, shells, 1 Hermit Crab
 Many specimens Cyclopes 1 starfish
 Heliozoans 2 Sea Urchins

No. 3330 Date August 21 1891

Sigsbee Machine, Reel.

Turns 321 Cor. + 30 Depth 351 fms

Shot or lead 35 lbs

Bottom gy S + M

Bottom temperature 37.5

No. of Thermometer 62902 Cor. -

Corrected temperature 37.5 7.0 mi

Air 52 Surface 51 Drift N.E. 1/4 E.

Trawl or dredge or tangles None

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 47 30	52 10	0	11.57.40	1.57.00
48 30	53 30	100	12.01.00	57.15
49 30	54 30	200	04.50	54.10
50 10	55 40	300	08.40	51.40
		400	12.30	49.30
		500	17.00	45.50
		600	20.40	43.00
		700	12.24.00	12.40.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 3331 $\sqrt{2}$ Date August 21st 1897
 Sigsbee Machine. 2 Reel.

Turns 320 Cor. + 30 Depth 350 fms.

Shot or lead 35 lbs.

Bottom M.

Bottom temperature 44.2 (11)

No. of Thermometer 62912 Cor. —

Corrected temperature — $\frac{7}{10}$ mi

Air 51° Surface 52° Drift. N.E. x E $\frac{1}{4}$ E.

Trawl or dredge or tangles Large beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 22. 00	1. 32. 30	0	1. 30. 00	53. 00
		100	34. 20	48. 50
		200	38. 40	45. 00
		300	45. 00	41. 20
		400	49. 20	38. 00
		500	53. 40	34. 40
		600	57. 20	31. 10
		700	2. 01. 40	27. 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

567.
SEP

No. 3332 Date August 28 1891
Sigsbee Machine #2 Reel

Turns 372 Cor. + 34 Depth 406 fms

Shot or lead 38 lbs.

Bottom Rky & S.

Bottom temperature Max 70.2 fath.

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 52 Surface 52 Drift 1.2 N 1.2 E

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.45.50	-	0	3.45.5	4.31.2
		100	}	}
		200		
		300		
		400		
		500		
		600		
		700		
		800	52.50	4.57.45
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	24.4	278		
50	27.2	136		
100	27.7	34		
200		372		
300		273		
400				
500	21.0			
600		Wire fasted at a flaw		
700	24.0 fms.	1-33th lead and		
800	N.Y. 3	Therm ² #639, 2 open bottles		
900				
1000				

REMARKS. *Boreo-*
Ophiurans 1 *Macrurus* -
 1 Hermit crab. 1 *Sebastes* -
 2 large Crabs. Star fishes.
Holothurians.
 Note. Found not badly torn on water.

100

No. *3332* Date *August 22^d 1890.*
Tanner Machine. - Reel.

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

Shot or lead *28 lbs.*

Bottom *gn. M.*

Bottom temperature *44.3*

No. of Thermometer *57250* Cor. *-0.4*

Corrected temperature *43.9*

Air *46°* Surface *48°* Drift *N 4 E*

Trawl or dredge or tangles *Small Beam.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.30.00</i>	<i>6.32.00</i>	0	<i>6.33.00</i>	<i>50.50</i>
		100	<i>35.00</i>	<i>6.47.50</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

1/2 hr. Star fish. Few shrimps -
 1 pt. Horse tubers. 1 Deep sea sponges
 1 pt. Broad sponges. 2 Small sponges.
 fine sea shells. 1 Shell
 1 Small Crab. - brown

1150
507

No. 2540 Hy^e Date August 22^d 1890
 Hand lead Machine. Reel.

Turns - Cor. + - Depth 19 fms.

Shot or lead 12 lbs.

Bottom 7N.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 46° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 35. 00	6. 36. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,



No. 2541 *Hy* Date August 22nd 1890
 Tanner Machine. Reel.

Turns - Cor. - Depth 17 fms

Shot or lead 12 lbs.

Bottom gy. M.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.50.00	6.51.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

1750

No. 2542 Hyd. Date August 22^d 1890.

Hand lead Machine. Reel.

Turns - Cor. - Depth 157 fms.

Shot or lead 12 lbs.

Bottom M.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.10.00

7.12.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE

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

REMARKS.

No. 2543 H. B. Date August 22^d 1890-

Tanner's Machine. - Reel.

Turns 35 Cor. + — Depth 35 fms.

Shot or lead 28 lbs.

Bottom fine gy. s.

Bottom temperature 43.7

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.3

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.21.00 7.27.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

57.8

No. 3334 ⁵¹² Date August 22^d 1890.

Tanner Machine. - Reel.

Turns 49 Cor. + 1 Depth 50 fms.

Shot or lead 35 lbs.

Bottom M. c. S.

Bottom temperature 43.5

No. of Thermometer 57263 Cor. - 0.4

Corrected temperature 42.6

Air 47° Surface 41° Drift. N. 1/2 W. 1/2 W.

Trawl or dredge or tangles Small Brown

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-21.50	7-32.00	0	7.32.00	58.50
		100	41.50	7.54.50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS

See Star of Ark. Hall
 Crabs (small) See Star of Ark.
 Worms on surface. Worms on surface
Small Diatoms.

1890

No. 2544 Hy. ^d Date August 22^d 1890
 Machine. - Reel.

Turns 62 Cor. + 1 Depth 63 fms.

Shot or lead 28 lbs.

Bottom fine s. & M.

Bottom temperature 42.2

No. of Thermometer 57260 Cor. - 0.00

Corrected temperature 41.8

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.56.00	7.58.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS,

No. 2545 Date August 22 90
Tanner Machine. - Reel.

Turns 53 Cor. + 2 Depth 55 fms

Shot or lead 25 lb

Bottom fine gy S. M.

Bottom temperature 41.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 41.2

Air 47 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.6	17.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. 3335 Date August 22 1880
 Machine. Reel.

Turns 91 Cor. + 2 Depth 93 fms

Shot or lead 25 lb

Bottom M

Bottom temperature 40.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.8

Air 47 Surface 52 Drift. None

Trawl or dredge or tangles Small Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1-50</u>	<u>8-31-25</u>	0	<u>7-10-15</u>	<u>8-12-20</u>
		100	<u>37-10</u>	
		200	<u>40-10</u>	<u>1-55-20</u>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Change from shell to mud
324 fathoms. See section.

No. 3526 Hyd Date August 22 1891

Hand Reel Machine. Reel.

Turns 23 Cor. 0 Depth 23 fms

Shot or lead 12 lbs

Bottom M. S.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

9 21 00 9 22 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

Rest over 10 hours...
at 2 1/2
on 22 23 24 25 26 27 28 29 30 31

2 1/2

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

Lost Measurements

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Ther.	6 1/2	24	+
50	Ther.	16	34	+
100	Ther.	17 1/2	39 1/2	+
200	mally 8.			
300	Lost			
400				
500				
600	Ther.	5 1/2	23	+
700	Ther.	5 1/2	23	+
800	Ther.	5 1/2	23	+
900				
1000				

REMARKS.

No. *2527* Date *January 22 1890*

Hand lead Machine. Reel.

Turns *17* Cor. *0* Depth *17 fms*

Shot or lead *12 lb*

Bottom *bk. S*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *50°* Surface *50°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.53.42</i>	<i>9.52.30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*10 fms
 10-15
 15-20
 20-25
 25-30
 30-35
 35-40
 40-45
 45-50
 50-55
 55-60
 60-65
 65-70
 70-75
 75-80
 80-85
 85-90
 90-95
 95-100
 100-105
 105-110
 110-115
 115-120
 120-125
 125-130
 130-135
 135-140
 140-145
 145-150
 150-155
 155-160
 160-165
 165-170
 170-175
 175-180
 180-185
 185-190
 190-195
 195-200
 200-205
 205-210
 210-215
 215-220
 220-225
 225-230
 230-235
 235-240
 240-245
 245-250
 250-255
 255-260
 260-265
 265-270
 270-275
 275-280
 280-285
 285-290
 290-295
 295-300
 300-305
 305-310
 310-315
 315-320
 320-325
 325-330
 330-335
 335-340
 340-345
 345-350
 350-355
 355-360
 360-365
 365-370
 370-375
 375-380
 380-385
 385-390
 390-395
 395-400
 400-405
 405-410
 410-415
 415-420
 420-425
 425-430
 430-435
 435-440
 440-445
 445-450
 450-455
 455-460
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 595-600
 600-605
 605-610
 610-615
 615-620
 620-625
 625-630
 630-635
 635-640
 640-645
 645-650
 650-655
 655-660
 660-665
 665-670
 670-675
 675-680
 680-685
 685-690
 690-695
 695-700
 700-705
 705-710
 710-715
 715-720
 720-725
 725-730
 730-735
 735-740
 740-745
 745-750
 750-755
 755-760
 760-765
 765-770
 770-775
 775-780
 780-785
 785-790
 790-795
 795-800
 800-805
 805-810
 810-815
 815-820
 820-825
 825-830
 830-835
 835-840
 840-845
 845-850
 850-855
 855-860
 860-865
 865-870
 870-875
 875-880
 880-885
 885-890
 890-895
 895-900
 900-905
 905-910
 910-915
 915-920
 920-925
 925-930
 930-935
 935-940
 940-945
 945-950
 950-955
 955-960
 960-965
 965-970
 970-975
 975-980
 980-985
 985-990
 990-995
 995-1000*

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

Salinity Measurements
SERIAL-TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Mean</i>	<i>3 2 10</i>	<i>-3.0</i>	<i>22.0</i>
50	<i>Mean</i>	<i>5 4</i>	<i>2.0</i>	<i>24.0</i>
100	<i>Mean</i>	<i>4 2</i>	<i>2.4</i>	<i>24.4</i>
200	<i>1</i>			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

88B
507.

No. 2548 Hy^d Date August 27th 08
Tanner Machine. Reel.

Turns 220 Cor. + 1 Depth 221 fms

Shot or lead 35 lb

Bottom fine bk s

Bottom temperature 42.2°

No. of Thermometer 7260 Cor. -0.4

Corrected temperature 41.8

Air 50° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 22 20	10 12 00	0	10 45 30	
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over 1 hundred fms new first side at 10 12
 down 10 28
 Catch: 1 Cod fish
 1 Arthropods

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

Cod Fish Measurements
SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Miss	11 - 115	20	oil
50	Mad	17 1/2	30	
100	Good	5	20	
200	0			
300	3 Mad + 2 Mad			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1813

No. 3336 Date August 22 1896
 Tanner Machine. — Reel. —

Turns 345 Cor. 1 Depth 58 fms

Shot or lead 28 lbs

Bottom fine bk s

Bottom temperature 42°

No. of Thermometer 57268 Cor. -0.4

Corrected temperature 41.6

Air 50° Surface 50° Drift 0.3 South (w)

Trawl or dredge or tangles Small Bean

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.41.01	10.43.00	0	10.46.53	11.03.50
		100	50.20.11	11.00.00
		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 TEMPERATURE,

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

REMARKS:

3 S. L. ...
M. ...

No. 2549 by Date Aug 22 1898
 Sigsbee Machine. Reel.

Turns — 4 Cor. + Depth 40 fms

Shot or lead 25 lb

Bottom fine bk s.

Bottom temperature 42.8°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 42.4

Air 50° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 10 50	11 31 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		

Pull over 7 fathoms, then which is 11 10 50
 In at 11 27
 Catch 3 Cor. Hook
 1 Albatross

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

Cod

SERIAL, TEMPERATURE,

DEPTH	TEMP.	NO. OF THIS	COR.	COR. TEMP.
25	<i>1 Male</i>	<i>13</i>	<i>31 1/2</i>	<i>in</i>
50	<i>1 Male</i>	<i>4</i>	<i>32</i>	<i>"</i>
100	<i>1 Male</i>	<i>13</i>	<i>27</i>	<i>"</i>
300	<i>2 Females</i>		<i>1 Male</i>	
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2550 *Hy?* Date August 22 90

Machine. Reel.

Turns 45 Cor. + 1 Depth 46 fms

Shot or lead 28 lbs

Bottom *fn. M.*

Bottom temperature 43.7

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11 43 20

11 42 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

Put in 7 fathoms at 11 40 first wire

Haul 11 52

Catch: 2 Codfish

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

Exp No. 110 - 11/11/11
SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	CHL.	CHL. TEMP.
25	Min	25 25	21	
50	Max	25	23	
100	Log	1 2 5		
200				
300	2 Samples			
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. 2551 Hy^d Date August 22nd 1890
 Name Machine Reel

Turns 57 Cor. + 1 Depth 58 fms.

Shot or lead 28 lbs.

Bottom fr M

Bottom temperature 42.5

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 42.1

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.03.00	12.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2554 *Hyd* Date August 22nd 1890
 Hand used Machine. - Reel.

Turns - Cor. - Depth 13 fms.

Shot or lead 12 lbs.

Bottom *crs. bk. S.*

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

807
 SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12.22 00 12.23 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

*8 fms. line over port side at 12.22
 In at 12.30 -
 Caught 1 small fish.*

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2557 *Hay* Date *Aug 26th 1890.*
Tanner Machine. Reel.

Turns *47* Cor. + *0* Depth *2 fms*

Shot or lead *25 lb*

Bottom *S.*

Bottom temperature *35.0*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *34.3*

Air *46* Surface *47* Drift.

Trawl or dredge or tangles

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 TEMPERATURE,

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

REMARKS,

No. 2552 Date August 26 90

Sigsbee Machine. Reel.

Turns 26 Cor. + 0 Depth 26 fms

Shot or lead 25 lbs

Bottom sh + R.

Bottom temperature 46.2

No. of Thermometer 57259 Cor. - 0.4

Corrected temperature 45.8

Air 46 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
30.17	431.21	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		

This is a duplicate of the original log book
 No. 436
 No. 10000

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

507.

No. 2555 ^{Wg} Date August 26th 1890.
 Machine. Reel.

Turns 47 Cor. + 1 Depth 48 fms.

Shot or lead 25 lbs.

Bottom *g*

Bottom temperature 45.3

No. of Thermometer 57260 Cor. - 0.2

Corrected temperature 44.3

Air 54[°] Surface 46[°] Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.17.0	5.12.0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6 knots down and up at 5.17
 In at 5.27
 Caught - 1 Cod fish.

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

SERIAL TEMPERATURE,

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

REMARKS.

H.C. 507.

No. 3337 *SP* Date August 27th 1880
Sigsbee Machine. *2 Reel.
 Turns 257 Cor. + 23. Depth 280 fms.
 Shot or lead 35 lbs
 Bottom gn. M. Y. R.
 Bottom temperature 40.2
 No. of Thermometer 57260 Cor. - 0.7
 Corrected temperature 39.5
 Air 50 Surface 51 Drift ^{mi} E. N. E.
 Trawl or dredge or tangles *Large Trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6:00.00	6:07.50	0	6:57.00	7:28.00
		400	43.00	6:56.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	25.7	174		
100	59.80	22		
200		257		
300		770		
400				
500				
600				
700				
800				
900				
1000	note	found - no depth 300.		

REMARKS.

8 Red Rock fish 1 Co. sp.
 1 large Macrurus. 1/2 dozen small fish.
 5 sp. Mon. fish. 3 sp. Spheroidea
 with sp. Sponges. 100 Macrurus. 100
 sea mice. few shrimp, few tremors.
 No 1 Worms. few Brachiopods.

No. 2556 Date August 27th 1890
 Machine. Reel. 2

Turns 569 Cor. + 50 Depth 619

Shot or lead 38 lbs

Bottom gn w

Bottom temperature 38.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 37.8

Air 60° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	TIP.
11 58 50		0		
58 40		100		
12 00 35		200		
01 20		300		
02 15		400		
3-30		500		
04	12-07-0	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

no water

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

43.00
 12.9
 30.1
 19.7
 12.7

1172
067

No. 2557 *Hy* Date August 5th 1880

Sigsbee Machine. Reel.

Turns 497 Cor. + 43 Depth 542 fms.

Shot or lead 35 lbs.

Bottom *Rky*

Bottom temperature 38.8

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 38.1

Air 59 Surface 63 Drift,

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 23. 00	5. 19. 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TIME.	NO. OF THER.	COR.	AIR. TEMP.
25	4:30	107		
50		108		
100		109		
200		110		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

867.13

No. 2358 By Date Aug. 27.00

Sigsbee Machine. #2 Reel

Turns 697 Cor. + 59 Depth 756 fms

~~Shot or lead~~ 38 lbs

Bottom gn m

Bottom temperature 37.3

No. of Thermometer 572.60 Cor. -0.7

Corrected temperature 36.6

Air 52° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 04.00	26.50	0		
05 30	25.50	100		
06 45	24.53	200		
07 50	24.00	300		
09 10	23.00	400		
10 30	22.55	500		
12 00	21.35	600		
13 40	11.19.20	697		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

pm

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

4200

6.0
3100
3200
3300
3400
3500

SERIAL TEMPERATURE

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

REMARKS.

C. W. P.

No. 3338 St. Date August 28/90
 Sigsbee Machine. Reel. 2
 Turns 575 Cor. + 50 . Depth 625
 Shot or lead 38 lbs.
 Bottom fm. m. + Sand
 Bottom temperature 38.6
 No. of Thermometer 57260 Cor. - 0.7
 Corrected temperature 37.3
 Air 52 Surface 51 Drift. N 24 E 2.5"
 Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-4-45	5-20-45	0	5-32-10	7-27-0
		100	36-15	
		200	41-15	
		300	45-0	
		400	49-0	
		500	51-0	
5-11-30	5-14-0	575	54-0	
		600		
		700	56-45	7-7-45
		800	6-0-0	
		900	4-0	
		1000	1-0	
		1100	11-30	
		1200	6-15-0	
		1300	19-0	6-49-30
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				

700 A few Small Deep-sea Fishes.
800 1 Cu. Deep-sea Coral. - very choice.
900 1 Deep-sea Skate. 1 qt. (4 sp.) Shrimps.
1000 2 qts. Ophiurans. 2 qts. Crinoids.

2 qts. Simple Arm Astrophytons; 5 sps.
REMARKS.
Deep-sea Star fish. 1 pk. Pennatula;
4 large Sebactolobus; 2 doz. Macrurus;
Sponge; 1 Large & 2 Small Deep-sea Crabs;
1 qt. Alcyonarians; & 3 Squid; Sea Mice;
Sea Anemones; few Shells; Naked
Mollusks; Holothurians.

No. 3339 ¹⁵ Date August 26 1890
 Sigsbee Machine. # 2 Reel.

Turns 127 Cor. + 11 Depth 138 fms.

Shot or lead 38 lbs.

Bottom M. S.

Bottom temperature 38.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 37.5

Air 53° Surface 52° Drift. 2^m E. N. E.

Trawl or dredge or tangles Large beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.53.00	5.55.50	0	5.13.00	13.30
		100 400	32.00	6.00.00
		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 TEMPERATURE,

DEPTH.	TEMP.	N ^O . OF THER.	COR.	COR. TEMP.
25	19.7	191		
50	19.7	186		
100				
200				
300				
400				
500				
600				
700	1 large Crab, few sponges.			
800	4 sp. Star fish, 1 S. trochiloptera.			
900	3 sp. Aphelionurus, Brachleptera.			
1000	1/2 doz. sp. sponges.			

1 hr. Hallock, REMARKS
 1 hr. Hallock, 700 ft. Rock Fish,
 Holothurians, 1 sp. H. small
 1 ft. Crinoids, 1 sp. shells,
 1 large Dupress hole. 7/12

J. B. ...
Y. A. ...

No. 3340 *N^o* Date Aug 29, 1890
 Sigsbee Machine. *2* Reel.

Turns 640 Cor. + 55 Depth 695 fms

Shot or lead 35 lbs

Bottom M

Bottom temperature 37°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 36.3

Air 54° Surface 52° Drift. 2^{mi} E. N. E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>Ann</i> DOWN.	<i>Ann</i> UP.		DOWN.	<i>Ann</i> UP.
6 03 10	19 55	0	6 25 45	35-0
	19 00	100	29 00	33-0
	18 12	200	32 50	30-0
	17 23	300	36 20	27-0
	16 40	400	39 50	24-0
	15 10	500	43 35	21-0
	13 20	600	45 25	18-0
6 10 00	6 12 45	700	48 45	15-0
		800	52 30	12-0
		900	55 10	9-0
		1000	59 40	6-0
		1100	7 03 30	03-0
		1200	06 55	8 00 00
		1300	10 00	56 00
		1400	14 30	7 53 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 TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
--------	-------	--------------	------	------------

25

50

100

200

300

400

500

600

700

800

900

5 ft to small crustaceans

1000

blue fish

5 or 4 species shells

small Hermit Crab

1 Pink Littorid crab

Surfscot stars

50 Macrobrachium 4 species

1 Maysea fish, few Sebastes

1 exceedingly large Macrobrachium

307.

No. 2559 *Hyd* Date August 29th 1890
Sigsbee Machine. #2 Reel.

Turns 453 Cor. + 41 Depth 494 fms.

Shot or lead 35 lbs.

Bottom gn. M. S.

Bottom temperature 38.6

No. of Thermometer 57200 Cor. - 0.7

Corrected temperature 37.9

Air 54° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 03. 20	12. 21. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	46.3	197		
50	45.8	153		
100	47.5	121		
200		112		
300		124		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

613
67.

No. 3341 Date Aug. 29 '91
Sigsbee Machine. #2 Reel.

Turns 62 Cor. + 5⁻ Depth 67 fms

Shot or lead 38 lb

Bottom fine gy. s.

Bottom temperature 41.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 41.1

Air 55^o Surface 54^o Drift. 1' NE x N

Trawl or dredge or tangles Cargo Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 05 10	17 30	0	5 13 45	5 00 00
06 00	5 06 05	100	17 05	48.00
		200	22 05	5. 45 00
		300	Trawl came up empty	
	Lowered again	400	5 38 50	6 26.00
		500	56 00	28.30
		600	6 00 00	21.00
		700	03.00	6. 20 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
12 80	3000	
62	3100	
4138	3200	
	3300	
	3400	
107	3500	
102	3600	
5	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

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

REMARKS.

2 Rock Cod & a few shrimp

3813

No. 2560 Steer Date Aug. 27. 90

Sigsbee Machine. 2 Reel.

Turns 190 Cor. + 17 Depth 207 fms

Shot or lead 38 lbs

Bottom M

Bottom temperature 40.2°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 39.5

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
50 10	57 20	0		
50 50	55 50	100		
51 30	7. 54 00	190 200		
		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

$$\begin{array}{r}
 2200 \\
 190 \\
 \hline
 4010 \\
 197 \\
 \hline
 180 \\
 7 \\
 \hline
 100 \\
 \hline
 237
 \end{array}$$

SERIAL TEMPERATURE.

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

REMARKS.

117.8

No. 2561 Hy^s Date August 29th 1890
 Sigsbee Machine. ^x2 Reel.

Turns 1166 Cor. 4 86 Depth 1152 fms.

Shot or lead 60 lbs.

Bottom gy. M.

Bottom temperature 36.2

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 35.5

Air 54^o Surface 52^o Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.45.40	11.09.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	40.2	111		
100	38.2	106		
200		106		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

165
1897

No. 2562 Hy Date Aug 30^d 90
Sigsbee Machine. 02 Reel.

Turns 2033 Cor. + 242 Depth 2197 fms

Shot or lead 60 lb

Bottom fm. M.

Bottom temperature 35.6

No. of Thermometer 57266 Cor. -0.7

Corrected temperature 34.9

Air 55 Surface 64 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
3. 08. 00	54. 00	0		
09 10	53 40	100		
10 10	52 55	200		
11. 20	52 15	300		
12 50	51 30	400		
14 00	50. 45	500		
15 00	50. 00	600		
16 00	49. 10	700		
16 55	48 20	800		
17 55	47. 30	900		
18 50	46. 40	1000		
19 50	45. 50	1100		
20 40	45. 00	1200		
21 53	44 15	1300		
22 45	43. 45	1400		
23. 50	42. 45	1500		
24 40	41 30	1600		
25 35	40. 60	1700		
26 50	38. 30	1800		
28 00	36 20	1900		
29. 10	34 30	2000		
30 45	2 31 50	2100		
		2200		
		2300		
		2400		

1200
 20 5.3

 2147

197
 53

 144

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2563 Hy^L Date August 30th 1890
Sigsbee Machine. 22 Reel.

Turns 2458 Cor. + 162 Depth 2620 fms.

Shot or lead 60 lbs

Bottom Gn. M.

Bottom temperature 35.2

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 34.5

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 52.50	48.00	0		
6. 22.00	6. 25.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	43.70	187		
50	24.20	50		
100	17.00	187		
200		2450		
300		2670		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

C.P.P.

No. *2564* Date *Aug. 30/90*

Sigsbee Machine. Reel. *2*

Turns *2762* Cor. + *173* Depth *2935*

Shot or lead *60 lbs.*

Bottom *fine bk s. & dr. oz.*

Bottom temperature *35.2*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *35.2*

Air *54* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9-29-0</i>	<i>10-31-0</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		

13-18-20 10 26-0

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

SERIAL TEMPERATURE,

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

REMARKS,

No. 2565 My Date Aug. 30 1890

Sigsbee Machine. #2 Reel.

Turns 2752 Cor. + 173 Depth 2925 fms

Shot or lead 60 lb

Bottom gy. oz

Bottom temperature 36°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 35.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 58 00	3 02 00	0		
57 00	2 01 00	100		
55 00	3 00 00	200		
2 00 15	59 00	300		
01 15	58 00	400		
12 15	57 00	500		
03 20	56 10	600		
04 25	55 20	700		
05 23	54 30	800		
06 28	53 40	900		
07 40	52 50	1000		
08 50	51 50	1100		
10 05	50 55	1200		
11 20	50 00	1300		
12 35	49 10	1400		
13 47	48 00	1500		
15 00	47 05	1600		
16 22	46 10	1700		
18 00	45 15	1800		
19 25	44 15	1900		
20 55	43 25	2000		
21 40	42 30	2100		
22 50	41 40	2200		
24 50	40 40	2300		
27 30	39 56	2400		

28.40	39.60	2500	
28.50	36.10	2600	
30.30	35.10	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

42.00
 23.40
 2.00
 10.20
 10.7
 2.0
 14.8
 1.5
 2.5
 2.9

SERIAL TEMPERATURE,

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

REMARKS,

No. 2566 *Hy²* Date August 30th 1890

Sigsbee Machine. *2*-Reel.

Turns 2608 Cor. + 168 Depth 2776 fms.

Shot or lead 60 lbs.

Bottom gy. Oz.

Bottom temperature 35.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 34.8

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7. 11. 30	8. 14. 30	0		
45. 00	7. 47. 30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	12.10	197		
50	12.02	21		
100	11.92	163		
200		267		
300		272		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2567
667.

No. 2567 Key Date Aug 31st 00
Sigsbee Machine. #2 Reel.

Turns 2260 Cor. + 154 Depth 2414 fms

Shot ~~or lead~~ 60 lbs

Bottom Gr. M.

Bottom temperature 35.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 54 Surface 52.6 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
16.00	5 16.00	0		
17.00	14.00	100		
18.00	13.00	200		
19.00	09.00	300		
20.00	07.00	400		
21.00	05.00	500		
22.00	03.00	600		
23.00	01.10	700		
24.00	5 00.20	800		
25.00	59.30	900		
26.15	58.40	1000		
27.20	57.50	1100		
28.30	57.00	1200		
30.00	56.10	1300		
32.10	55.20	1400		
34.20	54.30	1500		
35.30	53.40	1600		
36.40	52.50	1700		
37.50	52.00	1800		
39.00	51.00	1900		
40.10	50.10	2000		
41.20	49.10	2100		
42.15	48.00	2200		
43.20	44.50	2260 2300		
		2400		

4270
 2260
 1970
 193
 43
 134
 2260
 2414

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

SERIAL TEMPERATURE,

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

REMARKS.

567

No. 2568 Hyd Date August 31st 1898
 Sigsbee Machine. #2 Reel.

Turns 1990 Cor. + 142 Depth 2132 fms.

Shot or lead 60 lbs

Bottom gy. Oz

Bottom temperature 35.8

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS,	DREDGE ROPE.	
DOWN,	UP.		DOWN,	UP.
7.42.00	28.00	0		
8.05.00	8.08.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL, TEMPERATURE

DEPTH	TIME	NO. OF THER.	COR.	COR. TEMP.
35	42.40	197		
50	18.40	35		
100	23.15	142		
200		142-0		
300		2132		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1703

No. 2569 Keyd Date Sept 1 1890
 Machine. 2 Reel.

Turns 1830 Cor. + 133 Depth 1963 fms

Shot or lead 60 lbs.

Bottom gy. oz. bk. S.

Bottom temperature 35.1

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4 46 00	5 27 00	0		
5 13 00	5 14 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		

3500
 3600
 3700
 3800
 3900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	12.00	187		
50	11.50	187		
100	11.00	187		
200	10.50	187		
300	10.00	187		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Handwritten initials

No. *2570* Date *Sept. 2/90.*
Sigsbee - Machine. Reel. *2*

Turns *1540* Cor. + *115* Depth *1655*

Shot or lead *60 lb.*

Bottom *S. br. M.*

Bottom temperature *36.0*

No. of Thermometer *57360* Cor. *-0.7*

Corrected temperature *35.3*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-15-30</i>	<i>1-15-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
<i>1-30-30</i>	<i>1-32-0</i>	1500		
		<i>40</i> 1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

100
 47.2
 1.4
 26.8

MS. 267

No. 2570 Hylt Date Sept 2 3^d 1890.

Machine. Reel.

Turns 1455 Cor. + 111. Depth 1566 fms.

Shot or lead 60 lbs.

Bottom gy. s. br. M. + S.

Bottom temperature 36

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 35.3

Air 57° Surface 57' Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 29. 00	9. 08. 00	0		
49. 00	8. 50. 30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	14.2	197		
50	14.5	198		
100	14.8	199		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3342 ¹² Date Sept. 3. 1890

Sigsbee Machine. 2 Reel.

Turns 1475 Cor. + 113 Depth 1588 fms

Shot or lead 60 lb

Bottom gy. G. oo S.

Bottom temperature 36°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.3

Air 56° Surface 57° Drift. 1^{mi} 8.E. x E.

Trawl or dredge or tangles Lauge Bean

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
01 00	35:30	0	4 37 00	7. 46. 00
02 40	35.00	100	40 50	44. 00
06 35	34.30	200	43 10	42. 12
07 25	33.40	300	42. 15	40. 10
11 20	32.00	400	40. 55	39. 41
09. 10	31.20	500	52.30	36.40
00 05	30.35	600	56.10	32.10
12. 05	29.55	700	59.55	28.50
12. 00	29.10	800	5 04.10	23.55
12 35	28.20	900	08.20	18.10
14 00	27.20	1000	12.10	14.00
15 00	26.25	1100	16.45	10.12
16 10	25.05	1200	19.30	06.10
17 20	23.30	1300	22.00	03.50
18 30	22.10	1400	25.00	7. 00 10
19 20	20.20	1475	28.00	55.00
		1500	30.00	50.00
		1600	32.15	46.10
		1700	37.20	40.50
		1800	39.40	36.20
		1900	42.30	32.00
		2000	45.10	28.00
		2100	49.20	24.00
		2200	52.00	6 20. 50
		2300	56.10	6. 15. 00
		2400		

197
84

113

4200
1475

2725

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600	Tery choice haul			
700				
800				
900				
1000	Kind of Macrurus			

REMARKS.

1 Octopus, 2 kinds of Coral, stalked Anemones
~~Shrimps~~ Barnacles, Shrimps 2 kind,
 Sea Anemonies, 1 Super Star,
 Crabs, Nephroids, 1 Large Skate,
 Amphipods, Sed. Antisera - small
 3 kinds of Star fish Several kinds of Fishes

0441

No. 3343 Sr. Date Sept-21/90.
 Sigbee Machine. Reel. # 2

Turns 475 Cor. + 41 Depth 516

Shot or lead 38 lbs.

Bottom gn m

Bottom temperature 39.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 38.2

Air 53 Surface 54 Drift. 2 52.5

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-09-0	9-15-0	0	9-27-45	11-01-0
10-0	18-0	100	31-30	59-0
11-0	20-0	200	34-0	57-30
12-0	21-30	300	37-0	56-30
13-0	22-30	400	40-0	49-30
14-30	24-0	475	43-0	47-30
		600	46-30	45-0
		700	50-30	41-30
		800	53-0	38-0
		900	56-15	34-0
		1000	10-0-0	10-30-0
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	1 fath. <i>Aplicarians, H. species,</i>			
1000	<i>1/2 fath. Crinoids, Alcyonarians, Crabs.</i>			

Holothurians, Sponges, Cirripedia
 REMARKS.
Sea Anemones, Small Pecten
Sea Penn. Worms, Hag fish.
1/2 fath. Siphonophores, Alcyonaria
2 species Alcyonaria | *Several Mollusks*
2 species deep water etc. | *small Pecten*

11.07. J.E.B.

No. 3344 52 Date Sept^r 21st 1890.

Sigsbee Machine, #2 Reel.

Turns 767 Cor. 64 Depth 831 fms.

Shot or lead 35 lbs.

Bottom gn M.

Bottom temperature 37.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 36.8

Air 55 Surface 52 Drift. -

Trawl or dredge or tangles large beams

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 21. 30	19. 30	0	1. 24. 15	14. 07. 00
12. 15	1. 13. 00	1600	2. 16. 30	2. 46. 00
		400		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	51.200	767	1.7	
50	767	64	1.33	
100	51.33	731	64	
200				
300	11.50 cc - tray on bubble			
400	and dredge came up side			
500	down.			
600				
700				
800				
900				
1000				

REMARKS.

1 fish.
 1 large starfish
 a few small Holothurians

1907

No. 3345 Sr. Date Sept 22^d / 1907
 Reel #2

Turns 700 Cor. + 0.9 Depth 759

Shot or lead 60 lbs.

Bottom gy S M

Bottom temperature 38

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 37.³

Air 56 Surface 57 Drift. 2.3 SW 1/2 S

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-21-50	5-41-0	0	5-51-0	54-0
23-0	40-0	100	55-0	
25-25	39-0	200	59-0	
26-50	38-0	300	6-08-0	
28-0	37-0	400	06-0	
29-50	36-0	500	09-45	
31-0	35-0	600	12-0	
33-30	5-34-0	700	15-0	
		800	18-0	
		900	22-45	
		1000	26-0	27-30
		1100	30-45	24-0
		1200	35-0	21-0
		1300	37-30	18-30
		1400	41-0	15-45
		1500	44-0	7-11-30
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl came up
 caprigid

1. A. C.

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

SERIAL TEMPERATURE.

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

REMARKS.

few Crinoids - few Ophiurans.
+ Star fishes -
1 Astodolus - 2 Macrurus.

No. 3346 Date Sept 20th 1890.

Sigsbee Machine. #2 Reel.

Turns 726 Cor. + 60 Depth 786 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 38°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 37°³

Air 55 Surface 54 Drift. —

Trawl or dredge or tangles large beam.

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
9.24.30	24.15	0	9.27.30	11.58.00
14.40	9.16.25	100	10.17.00	10.46.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 3047 Date Sept 22 1893

Machine. Reel.

Turns 317 Cor. + 28 Depth 345

Shot or lead 35 lb

Bottom M.

Bottom temperature 41.6°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.9°

Air 54 Surface 54 Drift. SSW 2.5

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3 04 00	15 10	0	3 14 45	32-30
09 00	3 10 10	700	44 00	4-12-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	48 ops	Star fishes		
1000	1/2 doz	Strobilulula	Polezys	

REMARKS:
 1 qt. Shells 3 ops
 1/2 doz Yellow Sea Lice
 1 pt (water) Purplest stars. 6 ops. Deep sea -
 fishes. 2 ops. few specimens of Prasinus.
 1 pt. ~~Translucent~~ Proteins.
 few rare sea Anemones.

APR

No. 2572 Hy Date *Sept. 24/90*
 Tanner Machine. Reel.

Turns 26 Cor. + Depth 26 fms

Shot or lead 28 lbs

Bottom *fk s + p*

Bottom temperature 50.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 50.4

Air 53 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-05-0</i>	<i>9-06-0</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		

W. 27
nothing caught

W. 27
W. 27

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

SERIAL, TEMPERATURE,

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

REMARKS,

APL

No. 2573 *Ny* Date *Sept-24/90*

Sigsbee Machine. Reel. *22*

Turns *48* Cor. *4* Depth *52*

Shot or lead *35 lb*

Bottom *dk m s*

Bottom temperature *50*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *49.6*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-50-0</i>	<i>10-05-0</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 TEMPERATURE,

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

REMARKS.

APR

No. 2574 Hy Date Sept. 24/90.
 Sigsbee Machine. Reel. 2

Turns 208 Cor. + 18 Depth 226

Shot or lead 38 lbs.

Bottom bk s & m

Bottom temperature 45.2

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

Asst.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-33-30	10-39-0	0		
37-0	10-42.0 208	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

MP

No. 2575 Hy Date Sept. 24/90.
 Sigsbee Machine. Reel. 2

Turns 450 Cor. + 39 Depth 489

Shot or lead 35 lbs.

Bottom gn. m.

Bottom temperature 40.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 39.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-10-0	11-25-0	0		
12-50	24-0	100		
14-15	25-0	200		
16-15	22-0	300		
18-15	11-20-0	400		
		450		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL, TEMPERATURE,

Serial	TEMP.	No. of THERM.	COE.	COE. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

11.11

N.C.S.

No. 2576 Net Date Sept. 24/90
 Sigbee Machine. Reel. 2

Turns 310 Cor. + 27 Depth 337 fms.

Shot or lead 3 lbs.

Bottom gn. M. & S.

Bottom temperature 43°

No. of Thermometer 54260 Cor. -0.4

Corrected temperature 42.6°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-54-0	12.02.30	0		
55-15		100		
56.30		200		
57.30	11.59.00	300		
		310		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197	3.10	
50	31.0	170	2.7	
100	35.90	27	3.37	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1705.
P. 27.

No. 2577 Hy^g Date Sept^r 24⁺ 1890.

Tanner Machine. - Reel.

Turns 54 Cor. + 1 Depth 55 fms.

Shot or lead 28 lbs.

Bottom R. G. + trk. sh.

Bottom temperature 50°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 49.6°

Air 56° Surface 52° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43. 00	1. 45. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. 2078 Date Sept 23rd 1903

Machine. Reel.

Turns 20 Cor. + 0 Depth 20 fms

Shot or lead 25 lb

Bottom fine gy S

Bottom temperature 53.1°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 52.7°

Air 53° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

20 00 4 30 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

Pulped
 with 4.53
 with 2.75
 1 day from

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS,

No. 2578 Date Sept 21 1881

Machine. Reel.

Turns 150 Cor. + Depth 150 fms

Shot or lead 35 lb

Bottom gy. M

Bottom temperature did not register

No. of Thermometer 5725 Cor. -

Corrected temperature -

Air 55 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS,

No. 2030 *Hy* Date *Sept 24 1890**Sigsbee* Machine. Reel.Turns *150* Cor. + *5* Depth *155 fms*~~Shot or lead~~ *25 lb*Bottom *fine gy s.*Bottom temperature *45°*No. of Thermometer *57260* Cor. *a. 4*Corrected temperature *47.6°*Air *55* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

870
6 05 00 *6 05 40*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *3581* Date *Sept 20 70*

Tanner Machine. Reel.

Turns *75* Cor. *+ 2* Depth *80 fms*

Shot or lead *38 lb*

Bottom *cr. G.*

Bottom temperature *48.2°*

No. of Thermometer *57260* Cor. *- 0.4*

Corrected temperature *48°*

Air *55* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-25-0</i>	<i>6-25.00</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 TEMPERATURE,

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

REMARKS.

No. 2582 Key Date Sept 20 1890
Tanner Machine. - Reel.

Turns 104 Cor. + 3 Depth 110 fms

Shot or lead 28

Bottom bk. s. + M

Bottom temperature 48°

No. of Thermometer 5426 Cor. - 0.4

Corrected temperature 47.6°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.09.00 7.13.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

HEITH.	TEMP.	NO. BY THER.	COR.	COR. TEMP.
25				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				
210				
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				
400				
410				
420				
430				
440				
450				
460				
470				
480				
490				
500				
510				
520				
530				
540				
550				
560				
570				
580				
590				
600				
610				
620				
630				
640				
650				
660				
670				
680				
690				
700				
710				
720				
730				
740				
750				
760				
770				
780				
790				
800				
810				
820				
830				
840				
850				
860				
870				
880				
890				
900				
910				
920				
930				
940				
950				
960				
970				
980				
990				
1000				

REMARKS,

1613

No. 2583 Day Date Sept 24 90

Sanner Machine, Reel.

Turns 258 Cor. + 5 Depth 263 fms

Shot or lead 29 lb

Bottom gn. M

Bottom temperature 42.0

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.6

Air 55.0 Surface 57.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 34 00	7 43 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

0412

No. *2584* Hy Date *Sept 24/90*
Tanner Machine. Reel.

Turns *265* Cor. + *5* Depth *270*

Shot or lead *29 lbs*

Bottom *gn m*

Bottom temperature *48.8*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *43.4*

Air *54* Surface *54* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-25-0</i>	<i>8-57-0</i>	<i>265</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

~~1177~~

No. 2585 by Date Sept. 24/90
Tanner Machine. Reel.

Turns 91 Cor. + 2 Depth 93

Shot or lead 28 lbs.

Bottom gn m

Bottom temperature -

No. of Thermometer 57260 Cor. -

Corrected temperature -

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-05.0	9-08.0	90		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS

AP

No. 2586 Hy Date Sept-24/9
 Tanner Machine. Reel.

Turns 79 Cor. + 2 Depth 81

Shot or lead 28 lbs.

Bottom gn. m. s.

Bottom temperature Ther did not capsize

No. of Thermometer 57260 Cor. -

Corrected temperature -

Air 55 Surface 53 Drift.

Trawl or dredge or tangles -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-25-0	9-30-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

0873

No. 2584 Hy Date Sept-24/90
Tanner Machine. Reel.

Turns 99 Cor. + 3 Depth 102

Shot or lead 38 lbs.

Bottom gn. sh.

Bottom temperature 49

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 47.6

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-20-0	10-25-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

C. H. P.

No. *2588* Hy Date *Sept. 24/90*
 Towed Machine. Reel.

Turns *241* Cor. + *5* Depth *246*

Shot or lead *28 lbs.*

Bottom ~~*445*~~ *gn. ds.*

Bottom temperature *44.5*

No. of Thermometer *54260* Cor. *-0.4*

Corrected temperature *44.1*

Air *55* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-45-0</i>	<i>10-55-0</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 TEMPERATURE.

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

REMARKS

665
W.P.

No. *2589* Hy Date *Sept 24/90.*
 Name *Machine. Reel.*

Turns *221* Cor. + *5* Depth *226*

Shot or lead *28 lbs.*

Bottom *gn. M.*

Bottom temperature *45*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *44.6*

Air *55* Surface *53* Drift.

Trawl or dredge or tangles _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-40-0</i>	<i>11-50.0</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 TEMPERATURE,

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

REMARKS.

2590

No. 2590 H_y Date Sept-25/90.

Tanner Machine. Reel.

Turns 137 Cor. + 3 Depth 140

Shot or lead 28 lbs.

Bottom gy. m.

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-05-00	12-10-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 2591

No. 2591 ^{Hy} Date Sept^r 25^a 1890.
Tanner Machine. - Reel.

Turns 80 Cor. + 2 Depth 82 fms.

Shot or lead 28 lbs.

Bottom fm. s. bk. G.

Bottom temperature 48.4

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48°

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.55.00	12.57.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

1702

No. 2592 Hy^d Date Sept^r 25th 1890.
Tanner Machine. Reel.

Turns 154 Cor. + 3 Depth 157 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 46.⁵/₁₀

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.¹/₁₀

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN. *	UP.		DOWN.	UP.
1.09.00	1.11.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1122
507

No. 2593 *Hyd* Date Sept^r 25th 1890.
Tanner Machine. - Reel.

Turns 229 Cor. + 5 Depth 234 fms.

Shot or lead 78 lbs.

Bottom M.

Bottom temperature 44.7

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.3

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 21. 00	1. 30. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H.C. Jr.

No. 2594 ~~Hy~~ Date Sept^r 25th 1890.

Tanner Machine. - Reel.

Turns 233 Cor. + 5 Depth 238 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 44.1°

No. of Thermometer 57 266 Cor. -0.4

Corrected temperature 43.7

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.17.00	2.28.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

DEPTH	TEMP.	NO. OF THER.	USE	DIR. TEMP.
5				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

N. 3.

No. 2595 Hyd. Date Sept 25th 1890
Tanner Machine. - Reel.

Turns 29 Cor. + 3 Depth 132 fms
Shot or lead 28 lbs -

Bottom fine S. M.

Bottom temperature 47.4

No. of Thermometer 57269 Cor. - 0.4

Corrected temperature 47

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 35. 00	2. 42. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

N. 2596
607.

No. 2596 H₂ = Date Sept 25th 1890.

Tanner Machine. - Reel.

Turns 75 Cor. + 2 Depth 77 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.5

No. of Thermometer 57 260 Cor. - 0.4

Corrected temperature 48.1

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

A.M.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.55.00	2.59.00	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 TEMPERATURE.

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

REMARKS.

N. 2597
007.

No. 2597 *Hyd* Date *Sept 25th 1890*
Tanner Machine. - Reel.

Turns 75 Cor. + 2 Depth 77 fms

~~Shot or~~ load 28 lbs.

Bottom fine s. M.

Bottom temperature 48.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48.5

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 38. 00	3. 43. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

W. J. S.

No. 2598 Hy^e Date Sept^r 25th 1890-

Tanner Machine. - Reel.

Turns 84 Cor. + 2 Depth 86 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.0

No. of Thermometer 57 260 Cor. -0.4

Corrected temperature 47.6

Air 54^o Surface 53^o Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.53.00	3.57.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS

No. 2599 H₂ Date Sept 25th 1890
 Tanner Machine. Reel.

Turns 158 Cor. + 3 Depth 161 fms

Shot or lead 28 lbs.

Bottom gn M

Bottom temperature 48°

No. of Thermometer 57 260 Cor. -0.4

Corrected temperature 47.6

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.10.00	2.24.00	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		

1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE

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

REMARKS.

No. 2600 Key Date Sept^r 25 1890
 Tanner Machine. - Reel.

Turns 179 Cor. + 4 Depth 183 fms

Shot or lead 28 lbs

Bottom gn M

Bottom temperature 46.8°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 52° Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 00. 00	5 05 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS,

No. 2601 Key Date Sept: 25 1896

Sigsbee Machine. - Reel. -

Turns 75 Cor. + 2 Depth 77 fms

Shot or lead 28 lb

Bottom gn M

Bottom temperature 48°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.28.00	5.31.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. 2602 Key Date Sept: 25 1896

Tanner Machine. Reel.

Turns 68 Cor. + 1 Depth 69 fms

Shot or lead 35 lbs

Bottom gm M

Bottom temperature 48.5

No. of Thermometer 57264 Cor. -0.4

Corrected temperature 48.1

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 45 10	5 45 10	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

667
 2603

No. 2603 Hy Date Sept^r 25 90
 Tanner Machine. Reel.

Turns 63 Cor. + 1 Depth 64 fms

Shot or lead 28 lbs

Bottom gn M

Bottom temperature 45.0

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.6

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 00 00	6 05 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

8613
607.

No. 2604 Reel Date Sept^r 25 90

Tanner Machine. - Reel.

Turns 57 Cor. 1 Depth 60 fms

Shot or lead 28-lbs

Bottom fine M

Bottom temperature 49.3

No. of Thermometer 37260 Cor. - 0.4

Corrected temperature 49.9

Air 53° Surface 57.6° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
47M. 6 27 00	6 28 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. 2605 *Hy* Date *Sept 25 1890*
Tanner Machine. Reel.
 Turns *53* Cor. Depth *54 fms*
 Shot or lead *28 lb*
 Bottom *gn. M*
 Bottom temperature *50°*
 No. of Thermometer *57260* Cor. *-0.4*
 Corrected temperature *49.6*
 Air *53°* Surface *54°* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6 51.00</i>	<i>6 53.00</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 TEMPERATURE,

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

REMARKS

No. *2666* Day *Sept 25 1890*
Sanner Machine. Reel.

Turns *50* Cor. + *1* Depth *51 fms*

Shot or lead *28 lbs*

Bottom *gn. M*

Bottom temperature *46.5*

No. of Thermometer *57200* Cor. *-0.4*

Corrected temperature *46.1*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7 17 00</i>	<i>7 20 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 TEMPERATURE.

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

REMARKS.

$$\frac{12000}{100} = 120$$

$$\frac{120}{100} = 1.2$$

$$\frac{1.2}{1.2} = 1$$

$$\frac{12000}{100} = 120$$

$$\frac{120}{100} = 1.2$$

$$\frac{1.2}{1.2} = 1$$

$$\frac{12000}{100} = 120$$

$$\frac{120}{100} = 1.2$$

$$\frac{1.2}{1.2} = 1$$