

N^o 15.

Mar 24th 1890.

Apr 5th 1890.

D^r 3169 to 3194.

Hy^d - 2176 to 2250.

Sigsbee

4609 Turns on Reel.

Correction - #2 Reel - 235 -

Cor ⁿ	Turns	Cor ⁿ	Turns	Cor ⁿ	Turns
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	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	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	800	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	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
18	1250	92	2850	221	4450
19	1300	95	2900	225	4500
21	1350	94	2950	230	4550
22	1400	102	3000	235	4600
24	1450	106	3050	}	4650
25	1500	109	3100	}	4700
27	1550	113	3150	}	4750
29	1600	116	3200	}	4800

~~300~~ Turns on Tanager Reel.
113
237

16 to 38 -- + 1.

39 to 70 -- + 2.

71 to 105 -- + 3.

106 to 142 -- + 4.

143 to 190 -- + 5.

191 to 260 -- + 6.

261 to 300 -- + 7.

[Faint handwritten notes and calculations, including numbers like 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100]

No. *6076* Date *Dec 26 1882*

Machine. — Reel.

Turns *32* Cor. + *1* Depth *33*

Shot or lead *35 lb*

Bottom *R. M.*

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air *57* Surface *55* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-28-82
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.	WIND, TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

117

No. 217 of 1844 Date March 24/82

Machine. Reel.

Turns 12 Cor. + Depth 114

Shot or lead 5 lbs

Bottom R 7 Y

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 24 Surface 25 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

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

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.
0				
10				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2175 Date March 21/92

Sigsbee Machine. — Reel.

Turns # 0 Cor. + 2 Depth 42

Shot or lead 25 lbs.

Bottom S. G.

Bottom temperature

No. of Thermometer Cor. —

Corrected temperature

Air 54 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-10-30

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

1500
 2000
 2500
 3000
 3500
 4000
 4500
 5000
 5500
 6000
 6500
 7000
 7500
 8000
 8500
 9000
 9500
 10000

SERIAL-TEMPERATURE.

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

REMARKS.

No. 21797 Date March 30, 1902

Baromet. Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead 25 lbs.

Bottom R. M.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 34 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

1-45-0 1-46-45

TURNS.

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

DREDGE ROPE.

DOWN.

UP.

	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. 2180 Date March 20/10

Machine. — Reel.

Turns 57 Cor. + 2 Depth 57

Shot or lead 35 lbs.

Bottom Y.S.

Bottom temperature

No. of Thermometer Cor. —

Corrected temperature

Air 52 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-35-0	-37-20	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS:

No. 312144 Date Alhambra 2/1/90.

Tanner Machine. Reel.

Turns 39 Cor. 4 2 Depth 41

Shot or lead 25 lbs.

Bottom 45 S

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air 47 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-09-30 2-0-40

9

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

SEALED TEMPERATURE.

DEPTH.	TEMP.	RELATIVE HUMID.	WIND.	WIND DIRECTION.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2150* Date *March 22/90*

Machine. Reel.

Turns *3* Cor. + *4* Depth *37*

Shot or lead *25 lb*

Bottom *RCB*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *57* Surface *55* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

2.11-0

2-12-0

TURNS.

DREDGE ROPE.

DOWN.

UP.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

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

STRIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THERM.	TIME.	TIME, DOWN
55				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5113 Date July 24, 1880

Owner Sigsbee Machine. — Reel. —

Turns 41 Cor. + 2 Depth 43

Shot or lead 35 lbs

Bottom gl, S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 7 Surface 55 Drift. —

Trawl or dredge or tangles —

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

Point Range from E. 71 E. 18 E.

2-21-30

2-22-42

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

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

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THERM.	DATE.	TIME.
05				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2184

Tr. #

Date Oct 20 1880

Machine. — Reel.

Turns 63 Cor. + 2 Depth 65

Shot or lead 25 lbs.

Bottom S + G.S.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air 57 Surface 25 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. 110 2-25-0 2-27-0

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.
5				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS

No. 2185 Date March 25/90

Machine. — Reel.

Turns 205 Cor. 1 6 Depth 231

Shot or lead 35 lbs

Bottom sh.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 57 Surface 55 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SEALED TEMPERATURE

DEPTH	TEMP.	NO. OF THERM.	TIME	WIND DIRECTION
05				
20				
40				
60				
80				
100				
120				
140				
160				
180				
200				
220				
240				
260				
280				
300				
320				
340				
360				
380				
400				

REMARKS

No. *2186* Date *March 11/92*

Machine. — Reel.

Turns *35* Cor. + *1* Depth *36*

Shot or lead *35 lb*

Bottom *RyG*

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air *38* Surface *51* Drift.

Trawl or dredge or tangles

July 13-29-01
 at old position of 13161.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

13-29-01

2-16-0

- 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.

No. 217 Hyd. Date 1/20/1890

Tanner Machine. - Reel.

Turns 45 Cor. + 2 Depth 47 fms

Shot or lead 25 lbs

Bottom Rky.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 57° Surface 53° Drift.

Trawl or dredge or tangles

CPM

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

44 11 1/2

43 25

0

42 35

44 25

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. 2158 Hyd Date Mar 24th 1898

Tanner Machine. Reel.

Turns 78 Cor. + 3 Depth 81 fms

Shot or lead 35 lbs

Bottom S

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 52 Surface 52 Drift.

Trawl or dredge or tangles

0210

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5 01 30

03 30

0

02 45

5-02 20

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	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	
	5000	

SERIAL TEMPERATURE.

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

REMARKS.

No. 2189 Key Date Mar 24 90
 Tanner Machine. — Reel. —
 Turns 115 Cor. + 5 Depth 180 fms
 Shot or lead 25 lbs
 Bottom *fine gy S bk Sp*
 Bottom temperature —
 No. of Thermometer — Cor. —
 Corrected temperature —
 Air 62 Surface 52 Drift.
 Trawl or dredge or tangles —

950

SOUNDING WIRE.

DOWN,

UP,

TURNS.

DREDGE ROPE.

DOWN,

UP,

DOWN,	UP,	TURNS.
5-2100	2624	0
22-00	2410	100
23-15	23-20	300
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2900
 2950
 3000
 3050
 3100
 3150
 3200
 3250
 3300
 3350
 3400
 3450
 3500
 3550
 3600
 3650
 3700
 3750
 3800
 3850
 3900
 3950
 4000

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	NO. THER.
41				
50				
100				
200				
300				
370				
375				
500				
600				
700				
800				
900				
1000				

REMARKS:

1527
507

No. 2140 Hyd. Date 27/10/1911

Machine No 2 Reel.

Turns 243 Cor. + 20 Depth 269/m

Shot or lead 20 lbs.

Bottom gn. M.

Bottom temperature 42.6°

No. of Thermometer 53912 Cor. 0.1°

Corrected temperature 42.5°

Air 51° Surface 50° Drift.

Trawl or dredge or tangles

1527

SOUNDING WIRE.

DOWN.

UP.

THENS.

DREDGE ROPE.

DOWN.

UP.

10. 10

16.50

0

10. 20

15.45

100

11. 45

14.30

200

12. 25

6.14.50

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

SERIAL TEMPERATURE

DEPTH	TEMP.	NO. OF THER.	TIME	WIND, TEMP.
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				
195				
210				
225				
240				
255				
270				
285				
300				

REMARKS

1703
107

No. 2191 Hyd. Date *Mch. 24th 1894.*

Sigsbee Machine. #2 Reel.

Turns 225 Cor. + 21 Depth 246 fms

Shot or lead 37 lbs.

Bottom *gr. M.*

Bottom temperature 43°

No. of Thermometer 63912 Cor. - 0.1°

Corrected temperature 42.9°

Air 51° Surface 57° Drift.

Trawl or dredge or tangles

1703

SOUNDING WIRE.

DOWN. UP.

FATHOMS.

DREDGE ROPE.

DOWN. UP.

SOUNDING WIRE.		FATHOMS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.02.30	10.00	0		
04.15	08.55	100		
03.40	07.35	200		
06.00	7.07.15	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	

SERIAL TEMPERATURE

<u>DEPTH</u>	<u>TIME</u>	<u>NO. OF THER.</u>	<u>TEMP.</u>	<u>TEMP. CORR.</u>
5				
25				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No. 2193 Hyd. - Date *March 24th 1891*

Sigsbee Machine. #2 Reel.

Turns *170* Cor. + *16* Depth *186 fms.*

Shot or lead *30 lbs.*

Bottom *M.*

Bottom temperature *45.0*

No. of Thermometer *63912* Cor. *-0.1*

Corrected temperature *44.9*

Air *51* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.53.00</i>	<i>59.10</i>	0		
<i>54.20</i>	<i>58.45</i>	100		
<i>55.30</i>	<i>7.53.45</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

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

REMARKS

57
 193

No. 2193 Key Date Mar 21 90

Sigsbee Machine. 2 Reel.

Turns 122 Cor. + 12 Depth 134 fm

Shot or lead 38 lbs

Bottom M

Bottom temperature 48°

No. of Thermometer 63912 Cor. -0.1°

Corrected temperature 47.9°

Air 50° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
40.40	47.30	0		
42.10	46.00	100		
42.11	45.10	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	
	5000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	TIME.	NO. OBS.
25				
50				
100				
150				
200				
250				
300				
350				
400				
450				
500				
550				
600				
650				
700				
750				
800				
850				
900				
950				
1000				

REMARKS.

No. 274 Key Date Mar 24 90

Sigsbee Machine #2 Reel.

Turns 111 Cor. + 10 Depth 121 fms

Shot or lead 38 lbs

Bottom M

Bottom temperature 47.2

No. of Thermometer 63912 Cor. -0.1°

Corrected temperature 47.1°

Air 50 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.22.20	39.10	0		
53.30	38.20	100		
8.45	37.15	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

513

No. 2195 Day Date Mar 24 90

Sigsbee Machine. Reel.

Turns 85 Cor. + 3 Depth 88

Shot or lead 25 lbs

Bottom M

Bottom temperature 46.8

No. of Thermometer 62912 Cor. -0.1

Corrected temperature 46.7

Air 50 Surface 52 Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.21.15 24.50

10.22.15 10.23.20

- 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

1

607

No. 2196 Date Mar 24 00

Sigsbee Machine. - Reel.

Turns 75 Cor. + 3 Depth 78 fm

Shot or lead 25 lbs

Bottom M

Bottom temperature Did not bear

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 57 Surface 52 Drift.

Trawl or dredge or tangles

87W

SOUNDING WIRE.

DOWN.	UP.
11-04.20	08.20
05.15	11.06.05

TURNS.

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

DREDGE ROPE.

DOWN.	UP.
-------	-----

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

SERIAL TEMPERATURE.

<u>DEPTH.</u>	<u>TEMP.</u>	<u>SAL. OR TEMP.</u>	<u>DIR.</u>	<u>WIND, TEMP.</u>
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				
195				
210				
225				
240				
255				
270				
285				
300				
315				
330				
345				
360				
375				
390				
405				

REMARKS.

507
 2197

No. 2197 Key Date Mar 24 1909
 Tanner Machine. - Reel.

Turns 64 Cor. + 2 Depth 66 fms

Shot or lead 20 lb

Bottom M

Bottom temperature 47.5°

No. of Thermometer 63912 Cor. - 0.1°

Corrected temperature 47.4°

Air 50 Surface 52 Drift.

Trawl or dredge or tangles

271

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.28.20	51.00	0		
11.50	11.49.00	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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2198 184^o Date March 25/90

Tanner Machine. — Reel.

Turns 56 Cor. + 2 Depth 58

Shot or lead 25 lbs

Bottom gn. sh.

Bottom temperature 48

No. of Thermometer 63912 Cor. -0.1

Corrected temperature 47.9

Air 50 Surface 52 Drift.

Trawl or dredge or tangles

Core taken light bore S. N. W. 1/4 Sec 7 (Mag)
 distant 9 miles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>12-22-0</u>	<u>12-25-30</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
05				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				

REMARKS

400

No. 2199 Date March 25/90
 Journal Machine. — Reel.

Turns 49 Cor. + 2 Depth 51

Shot or lead 25 lbs.

Bottom Rky

Bottom temperature 48

No. of Thermometer 63912 Cor. - 0.1°

Corrected temperature 47.9°

Air 49 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-17-0	1-18-30	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		

Point of view right fore N. 1/4 N. (1/2 mi)
 distant 1/2 miles.

	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. 2200 Hg Date March 25/90.

Machine. — Reel.

Turns 18 Cor. + 2 Depth 55

Shot or lead 25 lbs

Bottom Br S.

Bottom temperature 49

No. of Thermometer 631912 Cor. - 0.1°

Corrected temperature 48.9°

Air 47 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1-57-30 1-59-30

- 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

Point where light bore E. N. E. 5/16 E. 17 May
 distant 3 1/2 miles

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

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THERM.	TIME.	TIME TAKEN
5				
15				
25				
35				
45				
55				
65				
75				
85				
95				
105				
115				
125				
135				
145				
155				
165				
175				
185				
195				
205				
215				
225				
235				
245				
255				
265				
275				
285				
295				
305				
315				
325				
335				
345				
355				
365				
375				
385				
395				
405				
415				
425				
435				
445				
455				
465				
475				
485				
495				
505				
515				
525				
535				
545				
555				
565				
575				
585				
595				
605				
615				
625				
635				
645				
655				
665				
675				
685				
695				
705				
715				
725				
735				
745				
755				
765				
775				
785				
795				
805				
815				
825				
835				
845				
855				
865				
875				
885				
895				
905				
915				
925				
935				
945				
955				
965				
975				
985				
995				

REMARKS.

No. 220174 Date March 25/90

Sigsbee Machine. & Reel.

Turns 61 Cor. + 6 Depth 67

Shot or lead 35 lbs

Bottom 1312 S.

Bottom temperature 48

No. of Thermometer 63912 Cor. -0.1

Corrected temperature 47.9

Air 49 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-29-0 340

50 30 2-30-0 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Point bears right to N. 5. x E. 4 E. (7 mag) -
 distance 6 1/2 miles.

225
 230
 6

	2600	
	2800	
	2700	
	2900	
	2000	
	3000	
	4000	
	3200	
	2300	
	3400	
	3500	
	3600	
	2700	
	2800	
	2700	
	2900	

SURFACE TEMPERATURE.

DEPTH.	TEMP.	NO. OF THERM.	TIME.	DATE, TIME.
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				
195				
210				
225				
240				
255				
270				
285				
300				
315				
330				
345				
360				
375				
390				
405				
420				
435				
450				
465				
480				
495				
510				
525				
540				
555				
570				
585				
600				
615				
630				
645				
660				
675				
690				
705				
720				
735				
750				
765				
780				
795				
810				
825				
840				
855				
870				
885				
900				
915				
930				
945				
960				
975				
990				
1005				
1020				
1035				
1050				
1065				
1080				
1095				
1110				
1125				
1140				
1155				
1170				
1185				
1200				
1215				
1230				
1245				
1260				
1275				
1290				
1305				
1320				
1335				
1350				
1365				
1380				
1395				
1410				
1425				
1440				
1455				
1470				
1485				
1500				
1515				
1530				
1545				
1560				
1575				
1590				
1605				
1620				
1635				
1650				
1665				
1680				
1695				
1710				
1725				
1740				
1755				
1770				
1785				
1800				
1815				
1830				
1845				
1860				
1875				
1890				
1905				
1920				
1935				
1950				
1965				
1980				
1995				
2010				
2025				
2040				
2055				
2070				
2085				
2100				
2115				
2130				
2145				
2160				
2175				
2190				
2205				
2220				
2235				
2250				
2265				
2280				
2295				
2310				
2325				
2340				
2355				
2370				
2385				
2400				
2415				
2430				
2445				
2460				
2475				
2490				
2505				
2520				
2535				
2550				
2565				
2580				
2595				
2610				
2625				
2640				
2655				
2670				
2685				
2700				
2715				
2730				
2745				
2760				
2775				
2790				
2805				
2820				
2835				
2850				
2865				
2880				
2895				
2910				
2925				
2940				
2955				
2970				
2985				
3000				

REMARKS.

507

No. 4202 Hy Date March 25/90

Sigsbee Machine. #2 Reel.

Turns 172 Cor. + 17 Depth 189

Shot or lead 35 lbs

Bottom br m

Bottom temperature 45

No. of Thermometer 63912 Cor. - 0.1°

Corrected temperature 44.9°

Air 49° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

Point Lomas Light 4.5 3/4 E. (Mag) distant 11 miles.

3- 18-0 27-0
21-0 24-0
22-0 322-30

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

5600
5420
180
218
17

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2203 Hyd Date Mch. 25th 1892

Sigsbee Machine. #2 Reel.

Turns 445 Cor. + 41 Depth 486 fms.

Shot or lead 35 lbs.

Bottom M.

Bottom temperature 39.60

No. of Thermometer 63917 Cor. - 0.1

Corrected temperature 39.50

Air 59° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 21. 55	36. 00	0		
73. 50	34. 35	100		
25. 10	33. 00	200		
26. 25	31. 25	300		
27. 30	30. 00	400		
28. 10	29. 30	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.	TIME.	DR. TIME.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1173
507

No. 32244 Hapt Date *March 25 1896*

Sigsbee Machine. 2 Reel.

Turns 83 Cor. + 8 Depth 91 fms

Shot or lead 31 lbs.

Bottom *gy. s.*

Bottom temperature 47.4°

No. of Thermometer = 3912 Cor. - 0.1°

Corrected temperature 47.3°

Air 49° Surface 51° Drift.

Trawl or dredge or tangles

8.21

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-58.30	53.30	0		
59.30	51.00	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.	TIME.	WIND.
35				
50				
100				
150				
200				
250				
300				
350				
400				
450				
500				
550				
600				
650				
700				
750				
800				
850				
900				
950				
1000				

REMARKS.

1123
007

No. 2205 Hy Date March 25th 1890.

Tanner Machine. - Reel.

Turns 67 Cor. + 2 Depth 69 fms.

Shot or lead 25 lbs.

Bottom M.

Bottom temperature 49.5°

No. of Thermometer 65912 Cor. - 0.1°

Corrected temperature 49.4°

Air 49° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 27.45	28.55	0		
25.35	5.22.12	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2900		
		2800		
		2700		
		2600		
		2500		
		2400		
		2300		
		2200		
		2100		
		2000		
		1900		
		1800		
		1700		
		1600		
		1500		
		1400		
		1300		
		1200		
		1100		
		1000		

SERIAL TEMPERATURE

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

REMARKS

No. 7306 Hyd. Date March 25 1894

Tanner Machine. - Reel.

Turns 47 Cor. + 2 Depth 49 fms.Shot or lead 75 lbs.Bottom brk M.Bottom temperature 23.5 at surface.No. of Thermometer 5912 Cor. -

Corrected temperature

Air 49° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

51.5053.50

0

52.2055.30

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	

ARBITRAL TEMPERATURE.

DEPTH.	TEMP.	WIND (DIRECTION)	SEA.	SKY (TEMP.)
5				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS

NT 3.
607

No. 2207 Hyd. Date *Mch. 25th 1890.*

Tanner Machine. — Reel.

Turns *53* Cor. + *2* Depth *55 fms.*

Shot or lead *75 lbs.*

Bottom *M. gy. M.*

Bottom temperature *48.4°*

No. of Thermometer *63972* Cor. *-0.1°*

Corrected temperature *48.3°*

Air *50°* Surface *51°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6:40 50</i>	<i>42.35</i>	0		
<i>41.20</i>	<i>6:41 50</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES

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

REMARKS.

11.22
107

No. 2205 Hyd. Date *March 25 1894*

Tanner Machine. - Reel.

Turns *67* Cor. + *2* Depth *69 fms*

Shot or lead *20 lbs.*

Bottom *gn. M. & Sh.*

Bottom temperature *47.2°*

No. of Thermometer *63912* Cor. *-0.1°*

Corrected temperature *47.1°*

Air *55* Surface *51°* Drift.

Trawl or dredge or tangles

11.22

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.05.05</i>	<i>05.00</i>	0		
<i>05.45</i>	<i>7.06.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2507	
	2607	
	2707	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	DIR.	DIR. TEMP.
5				
8				
11				
14				
17				
20				
23				
26				
29				
32				
35				
38				
41				
44				
47				
50				
53				
56				
59				
62				
65				
68				
71				
74				
77				
80				
83				
86				
89				
92				
95				
98				
101				

REMARKS

NO. 209

No. 209 Hyd. Date *Mch. 25th 1896.*

Tanner Machine. — Reel.

Turns *57* Cor. + *3* Depth *70 fms.*

Shot or lead *25 lbs.*

Bottom *bk. s.*

Bottom temperature *46.5°*

No. of Thermometer *63912* Cor. *-0.1°*

Corrected temperature *46.4°*

Air *51°* Surface *51°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-34.15</i>	<i>56.45</i>	0		
<i>35.15</i>	<i>7.25.25</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	SUB. TO TEMP.	COR.	WIND. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2210 Hyd Date *Mich. 25th 1896*

Sigsbee Machine. *A2* Reel.

Turns *131* Cor. + *12* Depth *143 fms*

Shot or lead *35 lbs*

Bottom *M.*

Bottom temperature *45.5*

No. of Thermometer *63912* Cor. *-0.1*

Corrected temperature *45.4*

Air *51* Surface *51* Drift.

Trawl or dredge or tangles

PM

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

47.40.15
50.45
51.10

54.50
52.20
7.52.35

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

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

SERIAL TEMPERATURE

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

REMARKS.

513

No. 2211 *Hayd* Date *Mar 20 1880*
Sigsbee Machine. #2 Reel.

Turns 229 Cor. + 20 Depth 249 fms

Shot or lead 35 lbs

Bottom M

Bottom temperature 43°

No. of Thermometer 69812 Cor. - 0.1°

Corrected temperature 42.9°

Air 54" Surface 51" Drift.

Trawl or dredge or tangles

pm

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

DOWN.	UP.	TURNS.
8 09 00	16.45	0
10 55	15.11	100
12 -	14.10	200
12 15	14 00	300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

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

GRIND TEMPERATURE

DEPTH	TIME	WT. OF FOOD	GR	TEMP. RANGE
25				
50				
100				
150				
200				
250				
300				
350				
400				
450				
500				
550				
600				
650				
700				
750				
800				
850				
900				
950				
1000				

REMARKS

573

No. 2212 Key Date Mar 21st 90

Sigsbee Machine, 2 Reel.

Turns 138 Cor. + 12 Depth 150 fms.

Shot or lead 35 lbs

Bottom bk s.

Bottom temperature Not known

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 51 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
19. 15. 50	20. 55	0		
17. 05	19. 53	100		
12. 30	19. 45	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2900

2950

3000

3050

3100

3150

3200

3250

3300

3350

3400

3450

3500

3550

3600

3650

SERIAL TEMPERATURE.

DEPT.	TEMP.	NO. OF THER.	CO.	DATE TEMP.
25				
50				
100				
150				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2213 Date Mar 25 90

Tanner Machine. - Reel.

Turns 100 Cor. 3 Depth 103

Shot or lead 25-lb

Bottom bk s

Bottom temperature 46.7

No. of Thermometer 63917 Cor. -0.1

Corrected temperature 46.6

Air 50 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9 26 05

46.35

0

47 05

9 42 10

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THERM.	TIME.	WIND, DIRECTION.
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS.

No. 3014 Date March 28/90

Machine. Reel.

Turns 56 Cor. + 2 Depth 58

Shot or lead 35 lbs.

Bottom gy. m.

Bottom temperature

No. of Thermometer 63904 Cor. —

Corrected temperature

Air 48 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-42-0	5-45-0	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	
	4100	

SERIAL TEMPERATURE

DEPTH	TIME	NO. OF THER.	TEMP.	AIR TEMP.
5				
10				
15				
20				
25				
30				
35				
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

REMARKS

No. 2215 *Hy* Date *March 26/90*

Machine. — Reel.

Turns 79 Cor. + *3* Depth *82*

Shot or lead *35 lbs*

Bottom *gy. m.*

Bottom temperature

No. of Thermometer *6304* Cor. —

Corrected temperature

Air *46* Surface *50* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

6-23-0

6-34-0

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

	1500	
	1600	
	1700	
	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.	TIME.	DIR. TEMP.
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

No. 7-1684 Date March 25, 1900

Machine. — Reel.

Turns 124 Cor. + 4 Depth 128

Shot or lead 35 lbs.

Bottom gy. s.

Bottom temperature 41.0

No. of Thermometer 63905 Cor. —

Corrected temperature 46.0

Air 47 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

FATHOMS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

14-30

23-0

0

16-2

19-30

100

17-05

7-19-0

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	
	4100	

SERIAL TEMPERATURE.

<u>DEPTH.</u>	<u>TEMP.</u>	<u>NO. TO TEMP.</u>	<u>TIME.</u>	<u>WIND, TEMP.</u>
05				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5217 Date March 21/90

Machine. — Reel.

Turns 307 Cor. + 7 Depth 314

Shot or lead 25 lbs

Bottom

Bottom temperature

No. of Thermometer 6394 Cor. —

Corrected temperature 41.6

Air 49 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

35-30

46-30

0

39-30

47-30

100

42-30

48-30

200

45-30

714-30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *2218* Date *March 28th 1898*

Machine. *Sigsbee* Reel.

Tarus *Cor. + 23* Depth *23 fms*

Shot or lead *34 lb*

Bottom *gy. m. s.*

Bottom temperature *43*

No. of Thermometer *421000* Cor. *-*

Corrected temperature *43*

Air *-* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE

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

REMARKS.

No. 2319401 Date July 25 1898

Machine. Reel.

Turns 203 Cor. 1 15 Depth 213 fms

Shot or lead 35 lbs.

Bottom gy. s.

Bottom temperature 46.2

No. of Thermometer 65710 Cor. -

Corrected temperature 46.2

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE

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

REMARKS

No. 2000 Hyd. Date March 28 1870

Machine. — Reel.

Turns 74 Cor. A Depth 52 fms.

Shot or lead 18 lbs.

Bottom gy. S

Bottom temperature 46.4°

No. of Thermometer 65704 Cor. —

Corrected temperature 48.4°

Air Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2001 Date Mar 28 1890

Machine. — Reel.

Turns 65 Cor. + 2 Depth 67 fms

Shot or lead 11 lbs

Bottom (S)

Bottom temperature 47.5

No. of Thermometer 63924 Cor. —

Corrected temperature 47.5

Air Surface 51 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 THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

H. 507

No. 2522 Hyd. Date March 28 1890

Sigsbee Machine. — Reel.

Turns 17 Cor. 4 Depth 60 fms

Shot or lead 15 lbs

Bottom gy. M. + R.

Bottom temperature 48°

No. of Thermometer 68924 Cor. —

Corrected temperature 48°

Air 51° Surface 51° Drift.

Trawl or dredge or tangles

507

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>11.37.30</u>	<u>37.45</u>	0		
<u>38.20</u>	<u>11.38.20</u>	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.	TIME.	COR. TEMP.
25				
30				
35				
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

DATA IN.

No. 2223 *Exp.* Date *Nov. 21st 1891*

Machine. — Reel.

Turns *57* Cor. + *2* Depth *59 fms*Shot or lead *18 lbs.*Bottom *S. M.*Bottom temperature *48.5°*No. of Thermometer *63714* Cor. —Corrected temperature *48.5°*Air *50°* Surface *50°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*17.35**18.35*

0

*18.50**11.11.51*

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.	COIN	CON. TIME
25				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

1913

No. 2740 Date Mar 28th 1899

Tanner Machine. - Reel.

Turns 71 Cor. + 3 Depth 74 fms

Shot or lead 18 lbs

Bottom bk s

Bottom temperature 48.5°

No. of Thermometer 6396 Cor. -

Corrected temperature 48.5°

Air 52 Surface 52 Drift.

Trawl or dredge or tangles

SW

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

48 30

49 45

0

48 20

48 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	

SURFACE TEMPERATURE.

DEPTH.	TEMP.	NO. OF THERM.	COR.	DATE, TIME.
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				

REMARKS.

JEB

No. 2225 *Key* Date *May 28th 03*

Tanner Machine. — Reel.

Turns 104 Cor. 1 2 Depth 107 fms

Shot or lead 15 lbs

Bottom *M.*

Bottom temperature 47.5°

No. of Thermometer 63904 Cor. —

Corrected temperature 47.5°

Air 52 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12 37 10	29 50	0		
21 10	28 17	100		
28 02	12 27 18	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.	WIND, TEMP.
0				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

493
P. 13

No. 2226 Log Date Mar 28th 90

Machine. - Reel.

Turns 236 Cor. + 6 Depth 242 fms

Shot or lead 18 lbs

Bottom M

Bottom temperature 42.5°

No. of Thermometer 65904 Cor. -

Corrected temperature 42.8°

Air 51 Surface 52 Drift.

Trawl or dredge or tangles

P. 13

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

08 20

17.00

0

09 55

15.25

100

11.35

13.15

200

12 10

11-12 20

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	Cor.	RED. TEMP.
5				
20				
40				
60				
80				
100				
120				
140				
160				
180				
200				
220				
240				
260				
280				
300				
320				
340				
360				
380				
400				

REMARKS.

213
607

No. 2227 Date Mar 25th 70

Sigsbee Machine, 22 Reel.

Turns Cor. + Depth 518 fms.

Shot or lead 38 lbs

Bottom gy S M

Bottom temperature 39.5°

No. of Thermometer 63904 Cor. -0.1°

Corrected temperature 39.3°

Air 52 Surface 52 Drift.

Trawl or dredge or tangles

PM

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

02 26 16.15
03 18 15.30
05 - 14.45
06 58 14.02
08 45 13.15
09 30 2.11.30

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 THERM.	WIND	DIR. WIND
5				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS

No. 3169 Date Mar 28th 90

Sigsbee Machine. - Reel.

Turns 196 Cor. + 6 Depth 202

Shot or lead 18 lbs

Bottom M

Bottom temperature 44°

No. of Thermometer 6390 Cor. -

Corrected temperature 44°

Air 53 Surface 52 Drift. 1 m. N.E.

Trawl or dredge or tangles large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 56.30	6 5.10	0	3.41.10	11--
0 7	0 4.45	100	5 45.45	9.30
59.30	0 4.02	200	4 7.45	8.50
3 02.00	3 10.05	300	?	0 7.10
0 4.02	?	400	?	0 6.30
0 2.45		500		11-08.10
		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.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. A. S. S. S.

547
150.3

No. *3170* Dr. Date *March 26/90*

1 *1* Machine. Reel.

Turns *163* Cor. + *4* Depth *167*

Shot or lead *25 lbs.*

Bottom *uv*

Bottom temperature *—*

No. of Thermometer *—* Cor. *—*

Corrected temperature *—*

Air *53* Surface *52* Drift. *11.2 11.2*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

1st DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	<i>1st</i> DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-14-0</i>	<i>19-0</i>	0	<i>4-17-0</i>	<i>5.02-15</i>
<i>15-0</i>	<i>17-0</i>	100	<i>71-30</i>	<i>17-0</i>
<i>16-0</i>	<i>4-16-30</i>	200	<i>24-0</i>	<i>54-30</i>
		300	<i>27-0</i>	<i>50-0</i>
		400	<i>30-0</i>	<i>448-0</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 52 Date 1/2/00

Machine. — Reel.

Turns Cor. + 22 Depth 125 fms

Shot or lead 35 lbs

Bottom gy S. M.

Bottom temperature

No. of Thermometer 52102 Cor. —

Corrected temperature 43.6°

Air 52° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	8500	
	9000	
	9500	
	10000	
	10500	
	11000	
	11500	
	12000	
	12500	
	13000	
	13500	
	14000	
	14500	
	15000	
	15500	
	16000	
	16500	
	17000	
	17500	
	18000	
	18500	
	19000	
	19500	
	20000	

SERIAL TEMPERATURE

DATE	TIME	NO. OF THER.	READ	TIME TEMP.
75				
80				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

copy from

No. 171 Dr. Date March 2/90
 Sigsbee Machine. — Reel.

Turns 76 Cor. + 5 Depth 76

Shot or lead 35 lbs 7 fms

Bottom S. M. S.

Bottom temperature 48°

No. of Thermometer 63904 Cor. —

Corrected temperature 48°

Air 52° Surface 52° Drift. 1 mi. N. E.

Trawl or dredge or tangles Large Sigsbee

SOUNDING WIRE		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-1-0	6-2-0	0	6-1-45	6-2-00
		100	6-0	
		200	11.0	6-25-20
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2900
 2950
 3000
 3050
 3100
 3150
 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-

25 *Diastrophidius*
 50 *Diastrophidius*
 5 *Diastrophidius*
 2 *Diastrophidius*
 4 *Diastrophidius*
 11 *Diastrophidius*



No. 3172 ST. Date March 25/90

Tanner Machine. Reel.

Turns 60 Cor. + 2 Depth 62

Shot or lead 26 lbs. 7 8 lbs.

Bottom bk S

Bottom temperature 48

No. of Thermometer 63964 Cor. -

Corrected temperature 48.5

Air 52 Surface 52 Drift. 1 mi. N 1/2 E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-56-0	6-54-0	0	7-0-0	76-0
		100	04-0	7-21-0
		150		
		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				

S. Skater REMARKS.

1 bucket *Alpheidae* = to 1/2 cup size,
 few small *Chironomus* (larvae)
 1000 feet. 2 *Alpheidae*
 several species of *Alpheidae*
 and *Alpheidae* and
 a large amount
 of *Alpheidae*

187-2
807

No. 3175 Date Nov 20 1878

Sigsbee Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms

Shot or lead 25 lbs

Bottom M.

Bottom temperature 48.2°

No. of Thermometer 6341 Cor. —

Corrected temperature 48.2°

Air 51° Surface 53° Drift. 1/2 E. 1/2 N

Trawl or dredge or tangles American & mud log.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.45	11.30	0	10.00	4.15
5.47	11.25	100	11.00	3.10
		150	12.00	2.10
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

NO. 517

No. 3174 Date March 28th 1901

Janner Machine. — Reel.

Turns 63 Cor. + 0 Depth 65 fms.

Shot or lead 26 lbs

Bottom gy. M.

Bottom temperature 49.0

No. of Thermometer 65904 Cor. —

Corrected temperature 49.0

Air 20 Surface 53 Drift. S.E. 15.75 m

Trawl or dredge or tangles Large beam trawl bag.

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.10.45	13.34	0	2.04.50	58.50
10.25	9.11.40	100	17.15	52.55
		200	21.30	47.05
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1. The temperature of the surface water is 25.0°C. The temperature of the water at 1000 meters depth is 10.0°C. The temperature of the water at 2000 meters depth is 10.0°C. The temperature of the water at 3000 meters depth is 10.0°C. The temperature of the water at 4000 meters depth is 10.0°C. The temperature of the water at 5000 meters depth is 10.0°C. The temperature of the water at 6000 meters depth is 10.0°C. The temperature of the water at 7000 meters depth is 10.0°C. The temperature of the water at 8000 meters depth is 10.0°C. The temperature of the water at 9000 meters depth is 10.0°C. The temperature of the water at 10000 meters depth is 10.0°C.

No. *3175 D²* Date *Mar 29th 90*

Tanner Machine. Reel.

Turns *55* Cor. + *2* Depth *57 fms*

Shot or lead *26 lbs*

Bottom *br m*

Bottom temperature *-*

No. of Thermometer *-* Cor. *-*

Corrected temperature *-*

Air *49* Surface *49* Drift. *SE x E 1/2 S*

Trawl or dredge or tangles *Large Beam*

Time

SOUNDING WIRE.

DOWN, UP.

TURNS.

DREDGE ROPE.

DOWN, UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN,	UP.		DOWN,	UP.
<i>5-30 00</i>	<i>32 00</i>	<i>0</i>	<i>5-48.15</i>	<i>20 00</i>
<i>31-30</i>	<i>3 37.35</i>	<i>100</i>	<i>53.50</i>	<i>16 50</i>
		<i>180</i>	<i>56.35</i>	<i>6 13 35</i>
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

60

	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.

List of specimens (same species as last haul)
 1 *Diaptomus* + *Limnocalanus*
 1 *Amphiteles* 1 *Diaptomus* 1 shell
 1 *Amphiteles* 1 *Diaptomus* 1 *Amphiteles*
 2 *Amphiteles* 1 *Amphiteles* 1 *Amphiteles*
 1 *Amphiteles* 2 *Amphiteles* 1 *Amphiteles*

267

No. 116 Date Mar 29th 11.

Tanner Machine. Reel.

Turns 35 Cor. + 2 Depth 57 fms

Shot or lead 35 lbs

Bottom gy S

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 49 Surface 50 Drift. SE 1/2 E

Trawl or dredge or tangles Large Beam

#774

SOUNDING WIRE.

DOWN.

UP.

1 11-20

07-30

5 45

1 01 45

TURNS.

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

DREDGE ROPE.

DOWN.

UP.

1 05 20

35 20

1 12 05

2 31 45

10

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

SERIAL TEMPERATURE.

DEPTH	FATHS	RELATIVE	WIND	DIR. TIME
45				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

1000 11-11-1900

No. 775² Date Mar 29th 90.

Tanner Machine, Reel.

Turns 24 Cor. 1 1 Depth 25 fms.

Shot or lead 35 lbs

Bottom Co. S. G.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 47 Surface 50 Drift.

Trawl or dredge or tangles Small B...

Handwritten mark

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

7 50 00

50 50

0

7 52 30

6 0

50 16 7 50 20

~~100~~

56.20

8 20

300

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 1000 of 1000

No. *3125* Date *Mar 27 91*

Tanner Machine. Reel.

Turns *31* Cor. + Depth *32 fms*

Shot or lead *31 lb*

Bottom *S + G*

Bottom temperature *49.0*

No. of Thermometer *6390* Cor. -

Corrected temperature *49.0*

Air *47* Surface *50* Drift. *10 2nd*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5 20 12 1/2</i>	<i>11 45 1/2</i>	0	<i>5 11 0</i>	<i>11 30</i>
<i>10 20 12 1/2</i>	<i>11 45 1/2</i>	<i>10</i>	<i>10 55 1/2</i>	<i>11 29 1/2</i>
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1st 1/2 of 1000 fathoms
 2nd 1/2 of 1000 fathoms
 1st 1/2 of 1000 fathoms
 2nd 1/2 of 1000 fathoms
 3rd 1/2 of 1000 fathoms
 4th 1/2 of 1000 fathoms
 5th 1/2 of 1000 fathoms
 6th 1/2 of 1000 fathoms
 7th 1/2 of 1000 fathoms
 8th 1/2 of 1000 fathoms
 9th 1/2 of 1000 fathoms
 10th 1/2 of 1000 fathoms

428

No. 379 St. Date March 29/90
 Tanner Machine. Rev.

Turns 19 Cor. 0 Depth 20

Shot or lead 35 lbs

Bottom fine sand

Bottom temperature 50°

No. of Thermometer 55904 Cor. -

Corrected temperature 50°

Air 50 Surface 53 Drift 4-2-0

Trawl or dredge or trawler Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-49.30	9 1/2	0	9-28-0	10-2
		100	40-0	10-20
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
95				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 *Puffinbluthus rubrocostatus*
 2 *Pleuronichthys cleuronus*
 2 *Glyptocephalus*
 1/2 doz. *Paroplerus retusus*
 " of *Callinichthys*
 1 *torus*
 2 sculpins - few small shells

Theridion

No. 3180.55 Date March 29/91.

Machine. Lucas Reel. —

Turns 23 Cor. 1 Depth 24.

Shot or lead 28 lbs 58 lbs.

Bottom fine sand

Bottom temperature 50.2

No. of Thermometer 6394 Cor. —

Corrected temperature 50.7°

Air 53 Surface 53 Drift. N. 1/2 E

Trawl or dredge or tangle iron beam trawl

SOUNDING WIRE.		FATHS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 03	10 11	0	10 55	25-0
		100	11 06	11 22-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 3181 Or Date March 29 1880

Tanner Machine. — Reel.

Turns 15 Cor. + 1 Depth 16

Shot or lead 75 lbs & 1 lb

Bottom fine g.s.

Bottom temperature 51

No. of Thermometer 50002 Cor. —

Corrected temperature 51°

Air 23 Surface 23 Drift. 1 E x S

Trawl or dredge or tangles large bottom

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-42-0

1-45-0

0

11-52-0

11-5

100

11-58-0

11-10

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	100	
	90	
	80	
	70	
	60	
	50	
	40	
	30	
	20	
	10	
	0	
	10	
	20	
	30	
	40	
	50	
	60	
	70	
	80	
	90	
	100	

EMIAL TEMPERATURE

DEPTH.	TIME.	NO. OF THER.	TEMP.	NO. THERM.
0				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

[Faint handwritten notes and signatures are visible at the bottom of the page, including a signature on the right side.]

No. 3782 Date Nov. 23rd 1880

Tanner Machine. - Reel.

Turns 11 Cor. + - Depth 11 fms

Shot or lead 35 lbs

Bottom fine s. l.

Bottom temperature 52.2

No. of Thermometer 53904 Cor. -

Corrected temperature 52.2

Air 55 Surface 52 Drift. -

Trawl or dredge or tangles large fish

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11	2.30	0	19-24.25	52.2
	2.35	100	28.3	52.2
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	300	
	275	
	250	
	225	
	200	
	175	
	150	
	125	
	100	
	75	
	50	
	25	
	0	

SOIL TEMPERATURE.

DEPTH	TEMP.	NO. OF THERM.	DATE	TIME
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

WINDSPEED

[Faint handwritten notes and scribbles at the bottom left of the page.]

1890
E B

No. 2229 Key Date Apr 2^d 1890.

Sigsbee Machine: #2 Reel.

Turns 190 Cor. + 18 Depth 208 fms

Shot or lead 38 lbs.

Bottom gn M

Bottom temperature 43.6°

No. of Thermometer 63904 Cor. —

Corrected temperature 43.6°

Air 57° Surface 52° Drift.

Trawl or dredge or tangles

Q.M.C.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.45.30

56.15

0

46.58

55.08

100

48.05

11.49.30

190

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	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	
	5000	

TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	DIR.	TIME.
0				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

No. 2230 *Hy* Date *11/10* *Apr 190*

Sigsbee Machine. Reel. *2*

Turns *845* Cor. + *76* Depth *921*

Shot or lead *38 lbs.*

Bottom *Br. M*

Bottom temperature *37*

No. of Thermometer *63904* Cor. *-0.1°*

Corrected temperature *36.9°*

Air *51* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>15-45-0</i>	<i>1-23-0</i>	0		
<i>46-30</i>	<i>30-30</i>	100		
<i>47-0</i>	<i>18-30</i>	200		
<i>48-0</i>	<i>15-30</i>	300		
<i>49-0</i>	<i>9-0</i>	400		
<i>50-0</i>	<i>5-0</i>	500		
<i>51-30</i>	<i>5-30</i>	600		
<i>53-01-00-0</i>		700		
<i>55-0</i>	<i>58-30</i>	800		
<i>56-00-56-30</i>		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	1964	
	1965	
	1966	
	1967	
	1968	
	1969	
	1970	
	1971	
	1972	
	1973	
	1974	
	1975	
	1976	
	1977	
	1978	
	1979	
	1980	

SERIAL TEMPERATURE

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

REMARKS

No. 223174 Date April 3/90

Machine. Reel. #2

Turns 789 Cor. + 71 Depth 860

Shot or lead 58 lb

Bottom br m

Bottom temperature 37.1

No. of Thermometer 63904 Cor. - 0.1°

Corrected temperature 37.0°

Air 51 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-20-0

38-

0

21-0

37-

100

22-0

36-

200

23-0

35-

300

24-0

34-0

400

25-0

33-

500

26-0

32-

600

27-0

31-

700

28-0

30-

800

29-0

2 30-0

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SEALED TEMPERATURE.

DEPTH.	FATHS.	NO. OF THERM.	TIME	WIND DIRECTION
5				
10				
15				
20				
25				
30				
35				
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

REMARKS

ASPC.
507

No. 2233 Date @ *W. 3/40*
 Sigbee Machine. Reel. 2
 Turns 569 Cor. + 51 Depth 620
 Shot or lead 38 lb
 Bottom br m
 Bottom temperature 38.2
 No. of Thermometer 68904 Cor. -0.1
 Corrected temperature 38.1
 Air 51 Surface 52 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-22-0	37-	0		
23-0	35-0	100		
24-0	35-30	200		
25-0	32-50	300		
26-0	31-50	400		
27-0	3-50-0	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	

SERIAL TEMPERATURE

DEPTH	TIME	NO. OF THER.	TEMP.	WIND VELOCITY
15				
30				
45				
60				
75				
90				
105				
120				
135				
150				
165				
180				
195				
210				
225				
240				
255				

REMARKS

1152
607

No. 5255 Date April 3rd 1890

Machine. Reel.

Turns 677 Cor. + 62 Depth 739 fms

Shot or lead 35 lb

Bottom M.

Bottom temperature 91°

No. of Thermometer 63922 Cor. -0.1°

Corrected temperature 37.9°

Air 51° Surface 82° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.30	23.10	0		
15.4	31.15	100		
16.50	30.30	200		
19.55	29.40	300		
19.50	28.50	400		
21.05	27.55	500		
22.15	27.00	600		
23.25	26.05-30	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS

No. 223-191, Date Apr. 3rd 1892

Machine. 2 Reel.

Turns 000 Cor. + 78 Depth 250 fms.

Shot or lead 35 lbs.

Bottom gy. s.

Bottom temperature 37.5

No. of Thermometer 2904 Cor. - 0.1

Corrected temperature 37.4

Air 51st Surface 52nd Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.05	45	32.10	0
09.50		33.10	100
11.15		32.10	200
12.30		34.50	300
13.55		35.45	400
15.45		37.00	500
17.45		37.45	600
19.55		37.35	700
21.30		36.20	800
23.45		37.35.00	900
			1000
			1100
			1200
			1300
			1400
			1500
			1600
			1700
			1800
			1900
			2000
			2100
			2200
			2300
			2400

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

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	TIME.	LOG. TEMP.
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

No. 2036 *Hy.* Date *Oct 3^d 1890.*
Sigsbee Machine. *2* Reel.
 Turns *577* Cor. + *48* Depth *529 fms*
 Shot or lead *98 lbs*
 Bottom *gy. S.*
 Bottom temperature *70.1°*
 No. of Thermometer *63404* Cor. *-0.1°*
 Corrected temperature *39°*
 Air *51°* Surface *52°* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*00-15**19.25*

0

*07-40**16.55*

100

*08-55**16.00*

200

*11-20**15.25*

300

*14-30**14.55*

400

*15-40**15.35*

500

*15-55**15.50*

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 REVS.	TIME	COR. TEMP.
55				
60				
70				
80				
90				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

1700
log

No. 7230 Hyd Date April 3 1880

Machine. 2 Reel.

Turns 410 Cor. + 35 Depth 445 fms

Shot or lead 35 lb

Bottom M.

Bottom temperature 40.0

No. of Thermometer 53700 Cor. - 0.1°

Corrected temperature 39.9°

Air 51° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.36.45	27.45	0		
37.45	26.15	100		
37.45	25.20	200		
20.50	24.30	300		
42.50	23.40	400		
22.35	22.50	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.	CO.	CO. TEMP.
75				
50				
100				
150				
200				
250				
300				
350				
400				
450				
500				
550				
600				
650				
700				
750				
800				
850				
900				
950				
1000				

REMARKS

No. 2237 Date, April 3rd 1890.

Machine. 2 Reel.

Turns 725 Cor. + 725 Depth 245 fms

Shot or lead 35 lb

Bottom gy. M.

Bottom temperature 42.50

No. of Thermometer 13954 Cor. -

Corrected temperature 42.9°

Air 51° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.05.05	7.15.00	0		
05.50	08.45	100		
06.45	08.40	200		
07.10	7.09.25	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	TIME.	COR. TEMP.
0				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

REMARKS

No. 153 Date April 3 1901

Tanner Machine. Reel.

Turns 157 Cor. + 5 Depth 162 fms

Shot or lead 26 lbs

Bottom gy S + R

Bottom temperature 44.5°

No. of Thermometer 2904 Cor. -

Corrected temperature 44.5°

Air -1° Surface 52° Drift, 5.5 S 1/4 W

Trawl or dredge or tangles small beam

SOUNDING WIRE

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.40.30	45.03	0	7.42.00	07.50
41.30	43.25	100	06.30	06.20
42.00	42.10	200	05.00	03.30
		300	04.10	02.30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
0				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS.

*Temperature recorded at 1000 fms
and 1000 fms at the surface*

No. 3184 ¹² Date April 3rd 1890

Tanner Machine. Reel.

Turns 74 Cor. + 2 Depth 77Shot or lead 26 lbBottom S + GBottom temperature 46.4°No. of Thermometer 65904 Cor. —Corrected temperature 46.4°Air 52 Surface 51 Drift, 2 1/2 ETrawl or dredge or tangles Small Beams

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.5521.12

0

1.33.1011-034.3020.52

100

1.35.1510-15

200

1.37.209-04.30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS

1. *Small rock core*
 2. *Some small shells*
 3. *Small pieces of coral*
 4. *Shells of various kinds*
 5. *Small pieces of wood*
 6. *Small pieces of bone*
 7. *Small pieces of shell*
 8. *Small pieces of coral*
 9. *Small pieces of wood*
 10. *Small pieces of bone*
 11. *Small pieces of shell*
 12. *Small pieces of coral*
 13. *Small pieces of wood*
 14. *Small pieces of bone*
 15. *Small pieces of shell*
 16. *Small pieces of coral*
 17. *Small pieces of wood*
 18. *Small pieces of bone*
 19. *Small pieces of shell*
 20. *Small pieces of coral*
 21. *Small pieces of wood*
 22. *Small pieces of bone*
 23. *Small pieces of shell*
 24. *Small pieces of coral*
 25. *Small pieces of wood*
 26. *Small pieces of bone*
 27. *Small pieces of shell*
 28. *Small pieces of coral*
 29. *Small pieces of wood*
 30. *Small pieces of bone*
 31. *Small pieces of shell*
 32. *Small pieces of coral*
 33. *Small pieces of wood*
 34. *Small pieces of bone*
 35. *Small pieces of shell*
 36. *Small pieces of coral*
 37. *Small pieces of wood*
 38. *Small pieces of bone*
 39. *Small pieces of shell*
 40. *Small pieces of coral*
 41. *Small pieces of wood*
 42. *Small pieces of bone*
 43. *Small pieces of shell*
 44. *Small pieces of coral*
 45. *Small pieces of wood*
 46. *Small pieces of bone*
 47. *Small pieces of shell*
 48. *Small pieces of coral*
 49. *Small pieces of wood*
 50. *Small pieces of bone*
 51. *Small pieces of shell*
 52. *Small pieces of coral*
 53. *Small pieces of wood*
 54. *Small pieces of bone*
 55. *Small pieces of shell*
 56. *Small pieces of coral*
 57. *Small pieces of wood*
 58. *Small pieces of bone*
 59. *Small pieces of shell*
 60. *Small pieces of coral*
 61. *Small pieces of wood*
 62. *Small pieces of bone*
 63. *Small pieces of shell*
 64. *Small pieces of coral*
 65. *Small pieces of wood*
 66. *Small pieces of bone*
 67. *Small pieces of shell*
 68. *Small pieces of coral*
 69. *Small pieces of wood*
 70. *Small pieces of bone*
 71. *Small pieces of shell*
 72. *Small pieces of coral*
 73. *Small pieces of wood*
 74. *Small pieces of bone*
 75. *Small pieces of shell*
 76. *Small pieces of coral*
 77. *Small pieces of wood*
 78. *Small pieces of bone*
 79. *Small pieces of shell*
 80. *Small pieces of coral*
 81. *Small pieces of wood*
 82. *Small pieces of bone*
 83. *Small pieces of shell*
 84. *Small pieces of coral*
 85. *Small pieces of wood*
 86. *Small pieces of bone*
 87. *Small pieces of shell*
 88. *Small pieces of coral*
 89. *Small pieces of wood*
 90. *Small pieces of bone*
 91. *Small pieces of shell*
 92. *Small pieces of coral*
 93. *Small pieces of wood*
 94. *Small pieces of bone*
 95. *Small pieces of shell*
 96. *Small pieces of coral*
 97. *Small pieces of wood*
 98. *Small pieces of bone*
 99. *Small pieces of shell*
 100. *Small pieces of coral*

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 3239 ⁵ Date April 3rd 1890

Sigsbee Machine. Reel.

Turns 103 Cor. + 2 Depth 105

Shot or lead 26 lb

Bottom gy. s.

Bottom temperature 46.5

No. of Thermometer 67204 Cor. -

Corrected temperature 46.5

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
07 45	1 21 18	0		
07 30	1 09 20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

507

No. *4240* Date *April 2/90*

Sigsbee Machine. Reel. *2*

Turns *92* Cor. *1* Depth *99*

Shot or lead *38 lbs.*

Bottom *G*

Bottom temperature *47.2*

No. of Thermometer *63904* Cor. *—*

Corrected temperature *47.2°*

Air *50* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>13-14-30</i>	<i>15-0</i>	0		
<i>15-30</i>	<i>13-10-0</i>	50		
		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	

SPIRAL TEMPERATURE.

DEPTH.	TIME.	NO. OF TURNS.	DIR.	WIND. TEMP.
5				
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS.

111

No. 3186 Date Off. 3/90
 Sigsbee Machine. Reel. #2

Turns 300 Cor. + 28 Depth 328
 Shot or lead 38 lbs.
 Bottom gy. s. m.
 Bottom temperature 41.4
 No. of Thermometer 63901 Cor. -0.1°
 Corrected temperature 41.3°
 Air 57° Surface 52° Drift. 1 m. S. 2 E
 Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17 45-30	15-30	0	12-57-30	9-0
46-0	14-0	100	1-3-0	6-0
08-0	13-30	200	6-0	2-2-0
12-30	12-51-30	300	8-30	18-0
		400	11-30	2-10
		500	15-0	5-0
		600	17-0	12-0
		700	20-0	15-0
		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				

- Very fine haul -

REMARKS.

Kistler;
 1 careprouton, 5 Sebastolobus, 2 black cod,
 2 species skates, 3 hag fish, 1 dog, deep sea
 sole, large; Several Umbrellate siphon. 40 arms
 Starfish, like *Prisingsis*, in poor condition
 Several large deep sea prawns, few shells
 pack of pink sea cucumbers, 1 dog large Crab.

No.

3187-D^r

Date

April 3/90

Sigsbee

Machine.

Reel.

2

Turns 465

Cor. + 33

Depth

498

Shot or lead

38 lbs

Bottom

Yl. m. r. sh.

Bottom temperature

41.5

No. of Thermometer

63924

Cor. -0.1'

Corrected temperature

41.1°

Air

55°

Surface

54°

Drift.

N. 6. 1/2 E.

Trawl or dredge or tangles

Large Beam

SOUNDING WIRE.

DOWNS.

UP.

TURNS.

DREDGE ROPE.

DOWNS.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWNS.	UP.		DOWNS.	UP.
9-10-0	07-0	0	3-10-0	2-00-0
3-1-30	06-0	100	13-20	2-03-0
3-2-30	05-0	200	17-0	2-08-0
2-0	3-24-0	300	21-20	4-03-0
		400	24-0	5-00-0
		500	25-0	5-00-0
		600	27-20	3-00-0
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

507
 1890
 13

No. 31801 Date April 2, 1890

Machine 2 Reel

Turns 250 Cor. + 36 Depth 316 fms

Shot or lead 38

Bottom gy. s. m.

Bottom temperature 45

No. of Thermometer 63904 Cor. -

Corrected temperature 45

Air 54 Surface 54 Drift. E. S. E.

Trawl or dredge or tangles Large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-20	38 5	0	8-55	30 25
42 00	40 20	100	2-59 03	27 11
45 15	42 30	200	6-03 45	24 57
46 5	42 40	300	0 00	20 30
		400	10-20	15 30
		500	14 05	11 30
		600	18 00	8 30
		650	20 45	7 03 45
		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.
(Inquire)

1 Bay Head, 1 Horned Lizard a few
 others, 2 species of porpoise
 1 *Plemoptyx*, 6 *Sebastes*, few small
 scoliids, few shells with hermit crabs.
 2 large crabs. 3 species more deep sea fishes
 3 star fishes

1157
507

No. 2241 Hapt. Date Sept 5th 1893

Sigsbee Machine. #2 Reel.

Turns 390 Cor. + 36 Depth 426 fms.

Shot or lead 35 lbs

Bottom F.M.

Bottom temperature 40.2°

No. of Thermometer 63404 Cor. -0.1°

Corrected temperature 40.1°

Air 53° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
14.25	25.50	0		
15.50	24.10	100		
17.15	23.00	200		
18.30	22.25	300		
19.55	21.40	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2900	
	2800	
	2700	
	2600	
	2500	
	2400	
	2300	
	2200	
	2100	
	2000	
	1900	
	1800	
	1700	
	1600	
	1500	
	1400	
	1300	
	1200	
	1100	
	1000	
	900	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	DIR.	Cor. 1000.
25				
37				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2

No. 2242 Hyd. Date *Apr. 3^d 1890.*

Sigsbee Machine #2 Reel.

Turns 390 Cor. + 36 Depth 426 fms.

Shot or lead 35 lbs

Bottom Fr. M.

Bottom temperature 40.2°

No. of Thermometer 63904 Cor. -0.1°

Corrected temperature 40.1°

Air 52° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.06.15	16.20	0		
07.40	15.25	100		
09.00	14.30	200		
10.30	13.30	300		
11.15	9.12.15	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.	TIME	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
700				
900				
1100				
1300				
1500				

REMARKS

170.9
107

No. 2243 Hyd. Date *Apr. 3^d 1890.*

Sigsbee Machine. #2 Reel.

Turns *318* Cor. + *29* Depth *342 fms.*

Shot or lead *38 lbs.*

Bottom *fm.*

Bottom temperature *41.8°*

No. of Thermometer *63904* Cor. *-0.1°*

Corrected temperature *41.7°*

Air *57°* Surface *53°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.59.50</i>	<i>09.40</i>	0		
<i>10.00.25</i>	<i>08.30</i>	100		
<i>02.10</i>	<i>07.30</i>	200		
<i>03.35</i>	<i>06.15</i>	300		
<i>03.45</i>	<i>10.06.00</i>	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

SERIAL TEMPERATURE.

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

REMARKS.

H. C. 29

No. 22 of 4 Hyd. Date *Apr. 3^d 1890.*

Sigsbee Machine. 2 Reel.

Turns *223* Cor. + *20* Depth *243 fms.*

Shot or lead *38 lbs.*

Bottom *fm.*

Bottom temperature *43.5°*

No. of Thermometer *63904* Cor. —

Corrected temperature *43.5°*

Air *52°* Surface *54°* Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.51.20

22.00

0

33.30

46.40

100

36.50

39.20

200

36.30

11.38.45

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

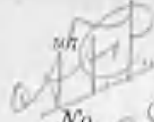
2400

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

SEBDAI TEMPERATURE.

DEPTH.	TEMP.	WIND-VELOCITY.	WIND.	DIRTY TEMP.
25				
30				
35				
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
1000				

REMARKS:

MT


No. 318907 Date Apr 4/90

Sigsbee Machine. Reel. 2

Turns 200 Cor. + 18 Depth 218

Shot or lead 38 lbs

Bottom M

Bottom temperature 43.2

No. of Thermometer 63904 Cor. -

Corrected temperature 43.2

Air 53 Surface 54 Drift. 2 1/2 m 5 E

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-10-0	53-0	0	5-25-0	28-0
15-0	22-30	100	58-0	20-0
18-0	5-18-0	200	70-0	21-30
		300	45-0	17-30
		400	48-30	13-30
		500	51-30	10-00
		600	5-45-0	6-7-0
		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				

*For Serials Large Series
of the Corporation*

REMARKS.

*1. Just full sea surface 7 fms
1 1/2 fms. out of bottom
2. 1/2 fms. out of bottom
3. 1/2 fms. out
4. 1/2 fms. out of bottom
5. 1/2 fms. out of bottom*

No. 3245 Date 24/11/90

Machine, Reel, 2

Turns 248 Cor. + 25 Depth 273

Shot or lead 35 lbs.

Bottom gy. m.

Bottom temperature 42.5

No. of Thermometer 63904 Cor. -

Corrected temperature 42.5

Air 53 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-55-0 7-01-30

7-0 7-0-30

8-0 6-57-0

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

	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.	DATE	TIME
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

617
J.E.B.

No.

319257

Date

4/1/00

Machine.

Reel.

Turns

48

Cor. 1

4

Depth

58

Shot or lead

38 lbs

Bottom

fine sand

Bottom temperature

44

No. of Thermometer

63924

Cor. -

Corrected temperature

49

Air

63

Surface

54

Drift

1.5° S. 2.0° E.

Trawl or dredge or tangles

Large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-29-0	7-41-0	0	7-40-0	28.20
		100	7-40-0	14.50
		200	7-40-0	12.45
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS

Temperature of surface water 81.5° F.
 1000 fathoms 3. Small Red B.
 the same as above (see observations)

J. E. B.
507

No. 2246 Day Apr 4 Date 90
Tanner Machine. — Reel.

Turns 140 Cor. 1 4 Depth 1461 fms

Shot or lead 26 lbs

Bottom gy S

Bottom temperature 46.2

No. of Thermometer 3904 Cor. —

Corrected temperature 46.2°

Air 67 Surface 53 Drift.

Trawl or dredge or tangles

AM

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
41 25	42 15	0		
41 25	43 00	100		
42 11	5 42-02	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

DEPTH	TEMP.	REL. HUMIDITY	WIND	DIR. WIND
75				
50				
25				
0				
25				
50				
75				
100				
125				
150				
175				
200				
225				
250				
275				
300				
325				
350				
375				
400				
425				
450				
475				
500				
525				
550				
575				
600				
625				
650				
675				
700				
725				
750				
775				
800				
825				
850				
875				
900				
925				
950				
975				
1000				

REMARKS

No. 3091 ¹² Date Apr. 4 1890

Sigsbee Machine. 2 Reel.

Turns 192 Cor. + 9 Depth 211

Shot or lead 38 lbs

Bottom fr. M.

Bottom temperature 44

No. of Thermometer 1832 Cor. —

Corrected temperature 44

Air 54 Surface 53 Drift. 6 1/2 S - 1.5 E

Trawl or dredge or tangles Large Beam

ADJ

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0 58 00	02 40	0	4 06.20	8 14.0
58.55	01.40	100	13.10	04.05
59.58	9 00.40	200	15.00	12 01.45
		300	16.30	5.45.55
		400	25 45	03.15
		500	27.25	7 00.30
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

28/4/00 3 fathoms Cor. 100
 1 Cellus Cor. 3 fathoms 5 fathoms
 2 bottles 10 fathoms 100 fathoms
 2 fathoms 20 fathoms 40 fathoms
 2 fathoms 2 bottles 10 fathoms
 2 fathoms 20 fathoms 40 fathoms

EB
507

No. 2247 Date April 4 1898

Sigsbee Machine. #2 Reel.

Turns 180 Cor. + 12 Depth 192 fms

Shot or lead 35 lbs

Bottom gy S M

Bottom temperature 44.2°

No. of Thermometer 65704 Cor. -

Corrected temperature 44.2°

Air 55 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
16 30 10	39 50	0		
36 05	39 05	100		
57 05	38 25	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	USE.	USE, TEMP.
5				
10				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3192 ⁵ Date April 4 - 1890

Sigsbee Machine. Reel.

Turns 48 Cor. + 3 Depth 101 fathoms

Shot or lead 20 lbs

Bottom Hk S = 1

Bottom temperature 47.30

No. of Thermometer 63904 Cor. -

Corrected temperature 47.2'

Air 53 Surface 52 Drift. N 1/2 W - 0.75'

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 54.50	03 10	0	11 53.50	44.15
00 12	01 00 10	100	07.50	40.10
		190	14 00	11.38 40
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE

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

REMARKS
(Anchoring)

141. Underway, 2 fathoms, 10 fathoms, 15 fathoms, 20 fathoms, 25 fathoms, 30 fathoms, 35 fathoms, 40 fathoms, 45 fathoms, 50 fathoms, 55 fathoms, 60 fathoms, 65 fathoms, 70 fathoms, 75 fathoms, 80 fathoms, 85 fathoms, 90 fathoms, 95 fathoms, 100 fathoms.

H. 207

No. 2748 Hyd. Date April 5th 1890.

Tanner Machine. - Reel.

Turns 109 Cor. + 4 Depth 113 fms.

Shot or lead 25 lbs.

Bottom M

Bottom temperature

No. of Thermometer 63904 Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.31.30		0		
39.25	40.00	100		
39.35	6.39.45	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2900	
	2800	
	2700	
	2600	
	2500	
	2400	
	2300	
	2200	
	2100	
	2000	
	1900	
	1800	
	1700	
	1600	
	1500	
	1400	

SIGNAL TEMPERATURE

DEPTH.	TIME	NO. OF THER.	COR.	TEMP.
75				
50				
100				
200				
300				
400				
500				
1000				
2000				
3000				
4000				

REMARKS.

Two thermometers # 8374 and
 113 for use - 1 to be used

1109.

No. 2249 Hyd. Date April 5th 1896.

Sigsbee Machine. *2 Reel.

Turns 175 Cor. + 16 Depth 191 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 44°

No. of Thermometer 62369 Cor. -0.1°

Corrected temperature 43.9°

Air 50° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
06.05	12.10	0		
07.40	11.15	100		
08.50	10.15.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N. 207
YORK

No. *3193* Date *April 5th 1879*

Sigsbee Machine #2 Reel.

Turns *147* Cor. *1* *13* Depth *160 fms.*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *44.5°*

No. of Thermometer *62369* Cor. *-0.1°*

Corrected temperature *44.4°*

Air *51* Surface *51* Drift. *2 m. S. 1/2 E.*

Trawl or dredge or tangles *Large Beard*

W.P.A.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

W.P.A. DREDGE ROPE.

DOWN.

UP.

<i>7:58.00</i>	<i>02.15</i>	<i>0</i>	<i>0.05.00</i>	<i>49-20</i>
<i>59.15</i>	<i>01.20</i>	<i>100</i>	<i>05.00</i>	<i>46-0</i>
<i>59.45</i>	<i>01.00.50</i>	<i>200</i>	<i>11.00</i>	<i>43-0</i>
		<i>300</i>	<i>16.00</i>	<i>40-0</i>
		<i>400</i>	<i>21.00</i>	<i>38-0</i>
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

None seen. Trace below 2000
feet only.

REMARKS.

1 Cal. fish - 1 Hour's Penetration
 2 Whiting - 2 species
 1 2000 ft. - 1/2 ounce
 6 ~~fish~~ - 1/2 ounce
 4 1/2 ounce
 1 Euphorbia - 2 thin - blue
 orange Red H. C. 1000 ft.

21779

No. 3194 DT Date April 5/92.

Tanner Machine. Reel.

Turns 90 Cor. + 2 Depth 92

Shot or lead 25 lbs.

Bottom gy S

Bottom temperature 46

No. of Thermometer 62569 Cor. -0.1°

Corrected temperature 45.9°

Air 52° Surface 53° Drift. 1m S East.

Trawl or dredge or tangles Large Berman

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-38-45	9-40-0	0	9-40-0	10-0
		100	47-0	16-0
		200	51-0	
		300		10-32-0
		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.	TIME	DATE
25				
30				
40				
50				
60				
70				
80				
90				
100				

REMARKS

Temp. in air temp. recorded in
 the same steps
 for 1/2 hr.

507
 01111

No. 2250 Hy Date April 5/90

Tugbee Machine. Reel. 2

Turns 134 Cor. + 12 Depth 146

Shot or lead 38 lbs.

Bottom gy-sv.

Bottom temperature 45

No. of Thermometer 62639 Cor. -0.1°

Corrected temperature 44.9°

Air 53° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-12 0	16-0	0		
13-30	11-15 0	100		
		14		
		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.	TIME.	TIME, TEMP.
15				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.