

Nº 13.

Sept^r 11th 1889.

Oct^r 13th 1889.

D^r 3094 to 3096.

H^d 2050 to 2146.

4660 Sigbee -

4609

4780 Turns on reel -

235
440

Correction Table. No. 2. Reel - Correction 253.

Cor.	Turns	Cor.	Turns	Cor.	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	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	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	99	2950	230	4550
22	1400	102	3000	235	4600
24	1450	106	3050	240	4650
25	1500	109	3100	245	4700
27	1550	113	3150	250	4750
29	1600	116	3200	253	4780

Tanner

377

384 Turns on Reel.

Turns-	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 384	+ 7-

Abbreviations for Bottoms.

Abbr.	Equivalent.	Abbr.	Equivalent.
C.	Clay.	fine.	fine.
Co.	Coral.	hrd.	hard.
G.	Gravel.	lrg.	large.
Glob.	Globigerina.	rky.	rocky.
M.	Mud.	sft.	soft.
Oz.	Ooze.	sm.	small.
P.	Pebbles.	stk.	sticky.
R.	Rocks.	bk.	black.
S.	Sand.	br.	brown.
Sh.	Shells.	bu.	blue.
Sp.	Specks.	choc.	chocolate.
St.	Stones.	dk.	dark.
brk.	broken.	gn.	green.
gy.	gray.	rd.	red.
lt.	light.	slat.	plate.
Wh.	White.	yl.	yellow.
crs.	coarse.		

Last Numbers. { 2049 74.
 { 3095 Dredge.

$$\begin{array}{r} 4780 \\ 140 \\ \hline 4640 \end{array}$$

$$\begin{array}{r} 4780 \\ 278 \\ \hline 4502 \end{array}$$

$$\begin{array}{r} 253 \\ 225 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 4780 \\ 212 \\ \hline 4568 \end{array}$$

$$\begin{array}{r} 253 \\ 232 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 4780 \\ 130 \\ \hline 4650 \end{array}$$

$$\begin{array}{r} 253 \\ 240 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 4780 \\ 170 \\ \hline 4610 \end{array}$$

$$\begin{array}{r} 253 \\ 235 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 4780 \\ 358 \\ \hline 4430 \end{array}$$

$$\begin{array}{r} 254 \\ 220 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 253 \\ 219 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 253 \\ 231 \\ \hline 14 \\ 137 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4780 \\ 300 \\ \hline 4480 \end{array}$$

$$\begin{array}{r} 253 \\ 223 \\ \hline 30 \\ 299 \\ \hline 329 \end{array}$$

448

$$\begin{array}{r} 4780 \\ 468 \\ \hline 4320 \end{array}$$

$$\begin{array}{r} 4780 \\ 450 \\ \hline 4330 \end{array}$$

$$\begin{array}{r} 253 \\ 209 \\ \hline 44 \\ 448 \\ \hline 492 \end{array}$$

$$\begin{array}{r} 253 \\ 208 \\ \hline 45 \\ 460 \\ \hline 505 \end{array}$$

$$\begin{array}{r} 4780 \\ 428 \\ \hline 4350 \\ 4650 \\ 244 \\ \hline 4500 \end{array}$$

$$\begin{array}{r} 240 \\ 216 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 244 \\ 24 \\ \hline 268 \end{array}$$

No. *Hy. 2050* Date *Sept 11/89*

Tanner Machine. Reel.

Turns *115* Cor. + *4* Depth *119*Shot or lead *50 lbs.*Bottom *gn. sh.*Bottom temperature *45.6*No. of Thermometer *51451* Cor. - *0.3°*Corrected temperature *45.3°*Air *51* Surface *51* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-51-30 *8-0-0*

52-30

53 *7-53-30*

0

100

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				

REMARKS.

507
No. 2051 Hydro. Date Sept. 11th 1889.

Tanner Machine. — Reel.

Turns 319 Cor. + 7. Depth 326 fms.

Shot or lead 20 lbs.

Bottom gy. M.

Bottom temperature 41.2°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 41.1°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.41.20	50.30	0		
42.10	48.30	100		
43.05	46.45	200		
44.15	8.44.25	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.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

H.C. 507

No. 2052 Hydro. Date Sept. 11th 1889.

Signature Machine. 2 Reel.

Turns 278 Cor. + 28 Depth 306 fms.

Shot or lead 35 lbs.

Bottom bk. S. & M.

Bottom temperature 42.0

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 41.7°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9 22.10	30.15	0		
23.30	29.15	100		
24.40	28.20	200		
25.30	9.27.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

607

No. 2053 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. 2 Reel.

Turns 212 Cor. + 21 Depth 233 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 43.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 42.7°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.03.00 09.25
04.05 12.10
05.00 07.15
05.10 10.07.00

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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

W.C.J.
507

No. 2054 Hydro. Date Sept. 11th 1889.

Signature _____ Machine. #2 Reel.

Turns 170 Cor. + 18. Depth 188 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 44.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 44.2°

Air 56° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.40.30	45.45	0		
41.30	44.30	100		
42.10	10.43.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507
K.C.S.

No. 2055 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. #2 Reel.

Turns 128 Cor. + 13 Depth 141 fms.

Shot or lead 35 lbs.

Bottom fine sh. S.

Bottom temperature 45.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.2°

Air 56° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.17.25	21.10	0		
18.25	20.05	100		
18.40	11.19.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. *Hy 2056* Date *Sept. 11/89*

Tanner Machine. Reel.

Turns *88* Cor. + *3* Depth *91*

Shot or lead *20 lbs.*

Bottom *gn. m.*

Bottom temperature *46*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *45.7°*

Air *56* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>12-05-0</i>	<i>07-30</i>	<i>0</i>		
<i>06-0</i>	<i>12-06-30</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 2054

Date

Sept. 11/89.

Sinner

Machine.

Reel.

Turns 56

Cor. +

2

Depth

58

Shot or lead

20 lbs.

Bottom

gn m.

Bottom temperature

46.2

No. of Thermometer

51451

Cor. -0.3°

Corrected temperature

45.9°

Air

56

Surface

53

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P. 47

12-47-30

12-49-0

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.

1007

No. *Hy. 2058* Date *Sept. 11/89.*
Tanner Machine. Reel. _____

Turns *47* Cor. + *2* Depth *49*

Shot or lead *20 lbs.*

Bottom *fine gy. S.*

Bottom temperature *46.2*

No. of Thermometer *5145-1* Cor. *-0.3°*

Corrected temperature *45.9°*

Air *56* Surface *53* Drift.

Trawl or dredge or tangles _____

P.W.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1-45-0

1-46-0

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. *Hy. 2059* Date *Sept. 11/89*

Tanner Machine. Reel.

Turns *75* Cor. + *3* Depth *76*Shot or lead *20 lbs*Bottom *gn. m.*Bottom temperature *46.2*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.9°*Air *55* Surface *49* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P. W.
*2-25-0**2-28-0*

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. *Hy. 2060* Date *Sept. 11/89**Tanner* Machine. Reel.Turns *116* Cor. + *4* Depth *120*Shot or lead *20 lbs.*Bottom *gn. m.*Bottom temperature *45.6*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.5°*Air *55* Surface *51* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P. M.
*3-06-30**3-10-30*

0

*7-30**8-0*

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. *Ty. 2061* Date *Sept. 11/89**Sigsbee* Machine. Reel. # *2*Turns *362* Cor. + *45* Depth *407*Shot or lead *35 lbs*Bottom *gn. m.*Bottom temperature *41*No. of Thermometer *51451* Cor. *-0.1°*Corrected temperature *40.9°*Air *53* Surface *51* Drift.

Trawl or dredge or tangles

<i>P.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-59-0</i>	<i>09-0</i>	0		
<i>4-0-0</i>	<i>08-0</i>	100		
<i>1-0</i>	<i>07-0</i>	200		
<i>2-0</i>		300		
<i>3-30</i>	<i>4-06-0</i>	<i>62</i> 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. J.
607

No. 2062 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. #2 Reel.

Turns 348 Cor. + 34 Depth 382 fms.

Shot or lead 35 lbs.

Bottom gn. M. & P.

Bottom temperature 40.0°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.9°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

O.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4:46.35	56.15	0		
48.00	55.05	100		
49.05	54.15	200		
50.15	53.10	300		
50.50	4.52.45	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Oxford Light House E. 1.8 (Mag)

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 1007

No. 2063 Hydus. Date *Sept. 11th 1889.*
Tanner Machine. — Reel.

Turns 140 Cor. + 4 Depth 144 fms

Shot or lead 20 lbs. 140 fms.

Bottom Rky.

Bottom temperature 45.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 44.8°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.38.35	41.50	0		
39.25	40.30	100		
39.50	5.40.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Oxford St. No. bore N.E. x E. 78 E. (mag)

	2500	
	2600	
4 correction for	2700	angle of drift.
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

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

REMARKS.

507

No. *Ty. 2064* Date *Sept. 11/89.*
Tanner Machine. Reel.

Turns *110* Cor. + *4* Depth *114*

Shot or lead *20 lbs.*

Bottom *fine g. y. s.*

Bottom temperature *46*

No. of Thermometer *67451* Cor. *-0.3°*

Corrected temperature *45.7°*

Air *54* Surface *50* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. ch.,	DOWN.		DOWN.	UP.
	<i>6-27-0</i>			<i>30-0</i>
	<i>28-0</i>			<i>6-28-30</i>
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Orford St. No. 11 E x 5 1/2 fms 9.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 2065* Date *Sept. 11/89.*
Tanner Machine. Reel. *—*

Turns *45* Cor. + *2* Depth *47*

Shot or lead *20 lbs*

Bottom *fine gy S. bk Sp.*

Bottom temperature *47*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *46.7°*

Air *53* Surface *49* Drift.

Trawl or dredge or tangles *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. W.</i> <i>7-15-0</i>	<i>7-16-0</i>	0		
	<i>5.0</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		

Cape Cod Lt. Ho. 110 x 5 1/2 fms

	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. 2066~~

No. 2066 Hydro. Date Sept. 12th 1889.
 Tanner Machine. — Reel.

Turns 42 Cor. + 2 Depth 44 fms.

Shot or lead 20 lbs

Bottom G.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.8°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5:30.30	31.45	0		
30.50	5:31.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 6 hand lines over port side at 5:30.
 & hauled them in at 6:50.

Catch - nil.

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

SERIAL TEMPERATURE.

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

REMARKS.

H. 22

No. 2067 *Hydr* Date *Sept. 12th 1889.*

Tanner Machine. — Reel.

Turns 20 Cor. + 1 Depth 21 fms —

Shot or lead 25 lbs.

Bottom *fine gy. S.*

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.2°

Air 50° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 20. 50	21. 30	0		
21. 00	6. 21. 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		

*Put 8 hand lines over port side at 6.21
& hauled them in at 6.36.*

Catch — none.

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

SERIAL TEMPERATURE.

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

REMARKS.

507
H.C.G.

No. 2068 Hydro. Date Sept. 12th 1889.

Hand used Machine. — Reel.

Turns — Cor. + — Depth 25 fms.

Shot or lead 14 1/2 lbs.

Bottom Rky.

Bottom temperature none taken

No. of Thermometer 51451 Cor. —

Corrected temperature —

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.57.00	7.59.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Shot over 9 fms at 7.55 & landed them in at 8.15
 Catch - 1 bunchin
 1 Orange & Black Lard
 1 cruet
 Logville River bog NE 1/4 Nmap 0.5'

	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. *3094* Date *Sept. 12/89.*
Sigsbee Sigsbee Machine. Reel.
 Turns *34* Cor. + *1* Depth *35*

Shot or lead *25 lbs.*

Bottom *crs. S & Sh.*

Bottom temperature *47*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *46.7°*

Air *50* Surface *48* Drift. *E 1/2 E* ^{*1 mi -*}
may

Trawl or dredge or tangles *Ship's Dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-15-0</i>	<i>9-16-0</i>	<i>0</i>	<i>9-36-0</i>	<i>55-30</i>
		<i>65</i>	<i>41-0</i>	<i>9-52-30</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		

At 9-16-30 put 1/4 and down over ship's side.
in at 937

Caught at 937

Cape Dredge at 405 x 8 1/2 (mils)

Dist 11 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.

6 species Shells

2 Sand lance 1 Star fish

1 small Crab

No. *Hy 2069* Date *Sept. 12/89*

Tanner Machine. Reel.

Turns *16* Cor. + *1* Depth *17*Shot or lead *25 lb*Bottom *fine gy S.*Bottom temperature *47.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *47.2°*Air *50* Surface *48* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*10-12-0**10-12-30**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**Off 10:10 hrs 8 1/2 and 10:30 over ship's side.**in 10:30**Caught = Nothing.**Cape Oxford S 1/2 W mag. decl. 11 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. *Fy. 2070* Date *Sept. 12/89**Tanner*

Machine.

Reel.

Turns *27* Cor. + *1* Depth *28*Shot or lead *25 lbs.*

Bottom

Bottom temperature

No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *46.1°*Air *50* Surface *48* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*11-11-0**11-11-40**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**5 miles**lost**5 x 1 1/2 mag.**Cape Oxford**lost**5 miles**Hand lines over ship's side.**Oct. 11.12 just in at 11.30**caught - 1000 lbs.*

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 2071*

Date

Sept. 12/89

Machine.

Reel.

Turns

Cor. +

Depth

17

Shot or lead

14 lbs. Hand

Bottom

fine gy S

Bottom temperature

No. of Thermometer

Cor. —

Corrected temperature

Air

52

Surface

47

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11-45-0

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

*At 11-46 from S. end of line over ship's side -**in at 12.00**Laughton, nothing**Cape Cod S. E. (mag) 2.7 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.

H. O. S. 507

No. 2072 Hydrog. Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 33 Cor. + 1 Depth 34 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 48.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 53° Surface 47° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

12.23.50

24.50

0

24.10

12.24.20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

But 7 haul lines over standard side at 12.25- & hauled them in at 12.38.

Catch - nil.

Cape Argos 54° 16' 0" E 3/4 S (mag) dist 2.6

Drift while fishing 1 mile S.S.E. 1/8 E (mag)

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. 2073

No. 2073 Hydro. Date Sept. 12th 1889.

Sand lead Machine. — Reel.

Turns — Cor. + — Depth 29 fms.

Shot or lead 14 lbs.

Bottom fine gy. S.

Bottom temperature none taken.

No. of Thermometer — Cor. —

Corrected temperature —

Air 51° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.08.00	1.02.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7 haul lines put over port side at 1.03-1
hauled in at 1.13-

Catch - mix.

Fishing party left ship's side in dory at
1.03. returning at 3.25.

Catch - 2 Vermilion Rock Cod - 7 Red Rock Cod.

1 Black Rock Cod. 5 Cutters Cod -

1 Orange Rock Cod - 1 Large Sculpin.

Bape (Gulf) 54760 N E 3/4 (mag) dist 3.5-

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.

17.0.3.

No. 2074 Hydro. Date Sept. 12th 1889.

Sigsbee Machine. #2 Reel.

Turns 44 Cor. + 0 Depth 44 fms.

Shot or lead 35 lbs.

Bottom Rks. & brk. Sh.

Bottom temperature none taken

No. of Thermometer — Cor. —

Corrected temperature —

Air 53° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.27.00	1.29.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Fox Rock bore S. x E. 3/8 E. (Mag.) dist. 1 mile.

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

SERIAL TEMPERATURE.

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

REMARKS.

N.S. 7.

No. 2075 Hydro. Date Sept. 12th 1889.
 Tanner Machine. — Reel.

Turns 33 Cor. + 1 - Depth 34 fms.

Shot or lead 25 lbs.

Bottom St. & brk. Sh.

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.8°

Air 53° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43.45	44.50	0		
44.05	1.44.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10 hauls were put over port side at 1.45
 & hauled in at 2.05

Catch - 14 Red Rock Cod.

1 Brown Rock Cod.
 1 Cullter Cod.

1 Fish line carried away.

Fine Rock 18 x 27 in 0'6 dist
 Drift while fishing 0'6 S. x E. 7/8 E.

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.J.
507

No. 3095 Sledge Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 140 Cor. + 2 Depth 42 fms.

Shot or lead 25 lbs

Bottom Rky, St. brk sh

Bottom temperature 47.3°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.0°

Air 53° Surface 48° Drift. E & S 0.5-

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	P.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 08. 50	10. 00	0	2. 08. 00	22. 00
09. 15	2. 09. 25	60	13. 10	2. 19. 40
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Iron Rock 10 x 20 5/8 W (mag)
dist 1 1/2

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.

5 species Star Fish. Bryozoans. Sea anemones -
 very small. Gorgonia Corals. Cup Coral -
 Sponge. Few small Shells. Worms.
 Large Barnacle - 1 sea urchin.

K.C. 7.
607

No. 3096 Dredge Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 32 Cor. + 1

Depth 33 fms.

Shot or lead 25 lbs.

Bottom St. & brk. Sh.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.7°

Air 53° Surface 48° Drift. 0.3 East

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

2.40.00

41.00

40.17

2.40.30

TURNS.

0

55

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

P.M. DREDGE ROPE.

DOWN.

UP.

2.55.10

14.30

57.30

3.10.40

I hauled lines over port side at 2.40. & hauled in at 2.55.

Catch - 1 Orange Rock Cod.

1 Red "

Cape Cod 24.1600 North Quay Dist 5.2

	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.

Basket Fish. 3 species Star Fish.
 Bryozoans. Barnacles.

No. 5.
607

No. 2076 Hydro Date Sept. 12th 1889.
Tanner Machine. — Reel.

Turns 22 Cor. + 1 Depth 23 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 47.8°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 47.5°

Air 54° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.40. 30

41. 25

0

40. 45

3.40. 53

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Put 8 hand lines over port side at 3.40
& hauled them in at 3.50.

Catch net.

Tichenor's Rock East (way) dist 1.9

	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.

Hy 2077

Date

Sept 13, 189,

Tanner

Machine.

Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom dk S.

Bottom temperature 48

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 56 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-51-0

7-52-30

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

Tickenor's Rock 1 1/4 W (mag)

	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.

407

No. 2078 Hydro. Date Sept. 13th 1889
 Tanner Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 56° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 35. 15	36. 45	0		
35. 45	8. 35. 52	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H. C. 7.
607

No. 2079 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 156 Cor. + 5 Depth 161 fms.

Shot or lead 25 lbs.

Bottom fine gy S.

Bottom temperature 45.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.7°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 18. 50	23. 30	0		
19. 50	21. 50	100		
20. 25	9. 20. 45	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 71
507

No. 2080 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 299 Cor. + 30

Depth 329 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 40.9°

No. of Thermometer 51451 Cor. - 0.1°

Corrected temperature 40.8°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

am
10.02.00

09.00

0

03.00

08.05

100

03.50

07.15

200

04.45

10.06.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. 2081 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 448 Cor. + 44- Depth 492 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 39.4°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.3°

Air 53° Surface 49° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.57.00	06.25	0		
57.50	05.32	100		
58.50	04.45	200		
59.55	04.03	300		
11.00.53	03.12	400		
01.25	11.02.45	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 2
507
No. 2082 Hydros. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 137 Cor. + 14 - Depth 151 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 53° Surface 49° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.49.00	53.00	0		
50.03	51.55	100		
50.30	11.51.35	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.

K.C.S.
607

No. 2083 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 59 Cor. + 2. Depth 61 fms.

Shot or lead 25 lbs.

Bottom br. M

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 53° Surface 49° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 34. 35	36. 00	0		
35. 05	12. 35. 15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P.M. — Cape Orford bore S. x W. 1/4 W. (mag). Dist. 15.1.

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.

1703.
507

No. 2084 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 33 Cor. + 1 Depth 34 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 46.8°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.5°

Air 52° Surface 49° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1. 15. 50 17. 00
16. 05 1. 16. 17

Island Rock bore N. x W. (mag.)

distant 5' 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.

H.C.3.
605

No. 2085 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 34 Cor. + 1 Depth 35 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.8°

Air 51° Surface 49° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

1.55.35

57.10

55.50

1.56.00

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.

H.C. 807

No. 2086 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 61 Cor. + 2 Depth 63 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 47.2°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.9°

Air 51° Surface 49° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
2.52.10	54.20	0		
52.30	2.52.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Sebastian bore S.E. x E. 1/8 E. (Mag)

distant 14.0-

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 3.
807

No. 2087 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 187 Cor. + 19. Depth 206 fms.

Shot or lead 35 lbs.

Bottom C.

Bottom temperature 44.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 43.8°

Air 51° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.55.05	4.00.15	0		
56.05	59.15	100		
56.55	3.58.20	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.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2088 Hydro. Date *Sept. 13th 1889.*
Sigsbee Machine. — Reel.

Turns *460* Cor. + *45* Depth *505 fms.*

Shot or lead *35 lbs.*

Bottom *bk. S. & G.*

Bottom temperature *39.3°*

No. of Thermometer *51451* Cor. *-0.1°*

Corrected temperature *39.2°*

Air *52°* Surface *48°* Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.57.25</i>	<i>08.20</i>	0		
<i>58.30</i>	<i>07.28</i>	100		
<i>59.32</i>	<i>06.42</i>	200		
<i>5.00.35</i>	<i>05.57</i>	300		
<i>01.38</i>	<i>05.00</i>	400		
<i>02.35</i>	<i>5.04.15</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 3.
607

No. 2089 Hydro. Date Sept. 13th 1889.
Tanner Machine. — Reel.

Turns 230 Cor. + 6 - Depth 236 fms.

Shot or lead 25 lbs.

Bottom bk. S.

Bottom temperature 43.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 42.7°

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
51.52.53	58.50	0		
53.45	57.15	100		
54.35	55.25	200		
55.15	5.54.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

K.C.
5497
No. 2090 Hydro. Date Sept. 13th 1889.
Tanner Machine. — Reel.

Turns 77 Cor. + 2 Depth 79 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 45.7°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.4°

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.42.30	44.35	0		
43.08	46.43.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

H.C.J.
507

No. 2091 Hydros. Date *Sept. 13th 1889.*
Tanner Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms.

Shot or lead 25 lbs.

Bottom *gn. M.*

Bottom temperature 45.8°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.5°

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.09.28</i>	<i>10.53</i>	0		
<i>10.00</i>	<i>7.10.15</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.

H.C.J.
60%

No. 2092 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 38 Cor. + 2 Depth 40 fms.

Shot or lead 25 lbs.

Bottom fine gy. s.

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.8°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

A-M SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.56.15	57.27	0		
56.32	8.56.43	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.

K 907

No. 2093 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 57 Cor. + 2. Depth 59 fms.

Shot or lead 25 ^{lb}

Bottom fine gy. S.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.2°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.25.32	27.15	0		
25.55	9.26.03	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.

Handwritten initials and date: H. 507

No. 2094 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 76 Cor. + 3- Depth 79 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 54° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.07.15	09.00	0		
07.45	10.07.57	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. S. 1889

No. 2095 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 152 Cor. + 5 Depth 157 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 44.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.2°

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 50. 32	55.50	0		
51. 15	53.25	100		
51. 38	10. 52. 00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.S.
697

No. 2096 Hydros. Date Sept. 14th 1889.
Tanner Machine. — Reel.

Turns 270 Cor. + 7. Depth 277 fms.
Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 41.3°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 41.2°

Air 56° Surface 56°. Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.33.32	43.10	0		
34.17	40.25	100		
35.07	37.50	200		
35.43	11.36.08	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.
1				
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wm. H. 107

No. *Hy 2097* Date *Oct 12-"1889*
Sanner Machine. Reel. *2*
Turns *38* Cor. + *1* Depth *39*

~~Shot or lead~~ *25 lbs*

Bottom *fine gy. S.*

Bottom temperature *52.2*

No. of Thermometer *57451* Cor. *+0.2°*

Corrected temperature *51.8°*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i>				
<i>11.25.00</i>	<i>11.26.30</i>	<i>0</i>		
<i>11.25.30</i>	<i>11.26.00</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

W.M.N.

No. *2098*

Date *October 12th 1889*

Tanner

Machine.

Reel. *2*

Turns *413* Cor. + *1*

Depth *414*

~~Shot~~ or lead *25 lbs*

Bottom *fine gy. s.*

Bottom temperature *52*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *51.8°*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>A.M.</i> DOWN.	UP.		DOWN.	UP.
<i>11:59.00</i>	<i>12.00</i>	0		
<i>11:59.30</i>	<i>11:59.45</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.

Verification of No. 2091

No. ~~Hy 2094~~ Date

Oct-12/89.

~~Danner~~ Machine. Reel.

Turns 62 Cor. + 2 Depth 64

Shot or lead 25 lbs.

Bottom fine gy S + M

Bottom temperature 50.9

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 50.6°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

P.W.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

12-11-0

12-12-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	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. *Hy. 2099* Date *Oct. 12/89*
Tanner Machine. Reel.

Turns *49* Cor. + *2* Depth *51*

Shot or lead *25 lbs*

Bottom *fk S.*

Bottom temperature *52.2*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *52.0°*

Air *61* Surface *59* Drift.

Trawl or dredge or tangles

<i>P.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-6-30</i>	<i>1-7-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

507

No. *Hg 2100* Date *Oct 12/89.*
Tanner Machine. Reel.

Turns *91* Cor. + *3* Depth *94*

Shot or lead *25 lbs*

Bottom *fine gg S.*

Bottom temperature *48*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *47.7°*

Air *61* Surface *59* Drift.

Trawl or dredge or tangles

P.W.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1-48-0

1-50-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 2101* Date *Oct 12/89.*
Tanner Machine. Reel.

Turns *266* Cor. + *7* Depth *273*

Shot or lead *25 lbs*

Bottom *W.*

Bottom temperature *42.5*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *42.0°*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

P.W. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-28-0

35-0

0

29-0

33-0

100

30-0

31-15

200

30-45

2-30-50

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. *Ky. 2102* Date *Oct. 13/89.*
Tanner Machine. Reel.

Turns *238* Cor. + *6* Depth *244*

Shot or lead *25 lbs.*

Bottom *—*

Bottom temperature *—*

No. of Thermometer *—* Cor. *—*

Corrected temperature *—*

Air *60* Surface *59* Drift.

Trawl or dredge or tangles *—*

P. W. SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

3-16-30

24-30

0

17-30

22-30

100

18-30

21-30

200

19-0

2-19-30

236

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Stray line landed lost one
 25 lb Lead.*

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 2103* Date *Oct. 12th 89**Sigsbee* Machine. Reel.Turns *60* Cor. + *5* Depth *65*Shot or lead *35 lbs.*Bottom *2x S + M*Bottom temperature *49.8*No. of Thermometer *5451* Cor. *-0.3°*Corrected temperature *49.5°*Air *60* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*3-56-30**3-58-20*

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.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1102

No. 2104 Hydro Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 44 Cor. + 2 Depth 46 fms.

Shot or lead 26 lbs.

Bottom fine gy. S. & M.

Bottom temperature 52°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 51.8°

Air 61° Surface 60° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4. 28. 50

30. 30

0

29. 20

4. 29. 40

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.

1758.

No. 2105 Hydro. Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 20 Cor. + 1 Depth 21 fms.

Shot or lead 26 lbs.

Bottom fine. dk. gy. S.

Bottom temperature 54.4°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 54.2°

Air 66° Surface 62° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.12.55	13.35	0		
13.05	5.13.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 507

No. 2106 Hydro Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 17 Cor. + 1 Depth 18 fms.

Shot or lead 26 lbs.

Bottom fine dk. gy. S.

Bottom temperature 54.0°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 53.8°

Air 67° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.28.20	29.15	0		
28.28	5.28.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. 2107 Hyd. Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 41 Cor. + 2 Depth 43 fms

Shot or lead 26 lb.

Bottom gn. M.

Bottom temperature 52.0°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 51.8°

Air 64° Surface 60° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 10. 10	11. 45	0		
10. 30	6. 11. 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. 2108 Hyd. Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 66 Cor. + 2. Depth 68 fms.

Shot or lead 26 lbs.

Bottom gn. M.

Bottom temperature 49.2°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.9°

Air 58° Surface 59° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 48. 15	50. 10	0		
48. 35	6. 48. 45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 31
507

No. 2109 Hyd. Date Oct. 12th 1889.
Tanner Machine. — Reel.

Turns 255 Cor. + 6 Depth 261 fms.
~~Shot or lead~~ 26 lbs.

Bottom gn. m.

Bottom temperature 42.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 42.2°

Air 58° Surface 59° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7. 27. 45	37. 35
28. 35	35. 05
29. 30	32. 00
30. 10	7. 30. 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.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. M. W.

No. *H₂ 2110* Date *October 12 1897*

Tanner Machine. Reel.

Turns *329* Cor. + *7* Depth *336*

~~Shot or lead~~ *26 lbs*

Bottom *gn M.*

Bottom temperature *41°*

No. of Thermometer *51451* Cor. *-0.1°*

Corrected temperature *40.9°*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>P.M.</i> DOWN.	UP.		DOWN.	UP.
<i>8.20.00</i>	<i>8.28.50</i>	0		
<i>8.21.00</i>	<i>8.28.00</i>	100		
<i>8.22.00</i>	<i>8.27.00</i>	200		
<i>8.23.00</i>	<i>8.26.00</i>	300		
<i>8.23.30</i>	<i>8.23.40</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

W. H. D.

No. *Hg 2111* Date *October 12-89*

Tanner Machine. Reel.

Turns *116* Cor. + *4* Depth *120*

Shot or lead *26 lbs*

Bottom *blk S.*

Bottom temperature *47.0*

No. of Thermometer *51451* Cor. *-0.30*

Corrected temperature *46.70*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>P. M.</i> DOWN.	UP.		DOWN.	UP.
<i>9.06.10</i>	<i>9.09.00</i>	0		
<i>9.07.10</i>	<i>9.09.00</i>	100		
<i>9.07.30</i>	<i>9.07.40</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W. M. M.

No. *Hy 2112* Date *October 2nd - 89*

Tanner Machine. Reel.

Turns *57* Cor. + *2* Depth *59*

~~Shot or lead~~ *26*

Bottom *5th M. S.*

Bottom temperature *51*

No. of Thermometer *51457* Cor. *-0.3°*

Corrected temperature *50.7°*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

P. M. DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.34.10 *9.35.30*

9.34.30 *9.34.40*

9.

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.

Example.

No. *H₂ 2113* Date *October 12th 1889*

Tanner Machine. Reel.

Turns *77* Cor. + *3* Depth *80*

Shot or lead *26*.

Bottom *gn M.*

Bottom temperature *48*.

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *47.7°*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.20.00</i>	<i>10.22.30</i>	<i>0</i>		
<i>10.20.45</i>	<i>10.21.00</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

507
W.M.H.

No. *Hg 2114* Date *October 12th 1889*

Tanner Machine. Reel.

Turns *250* Cor. + *6* Depth *256*

~~Shot or~~ lead *26 lb*

Bottom *gn M.*

Bottom temperature *42.5*

No. of Thermometer *51451* Cor. *-0.3*

Corrected temperature *42.2*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		DOWN.	UP.
<i>10.47.00</i>	<i>10.59.00</i>	0		
<i>10.48.00</i>	<i>10.53.00</i>	100		
<i>10.49.00</i>	<i>10.52.30</i>	200		
<i>10.49.30</i>	<i>10.49.40</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

M.H.
1807

No. *2015* Hy Date *October 12th 189*

Tanner Machine. Reel.

Turns *271* Cor. + *6* Depth *277*

~~Shot or lead~~ *26.*

Bottom *gn M.*

Bottom temperature *43°*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *42.7°*

Air *58* Surface *67* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> <i>11.40.10</i>	<i>11.48.00</i>	0		
<i>11.41.00</i>	<i>11.46.00</i>	100		
<i>11.42.00</i>	<i>11.44.30</i>	200		
<i>11.42.40</i>	<i>11.43.00</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 2116* Date *Oct 13/89*
Tanner Machine. Reel.

Turns *68* Cor. + *2* Depth *70*

Shot or lead *26 lbs.*

Bottom *uv.*

Bottom temperature *49.6*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *49.3°*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*12-22-0**12-24-0*

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. *Hy 2117* Date *Oct 13/89*

Tanner Machine. Reel.

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

Shot or lead *26 lbs.*

Bottom *cu*

Bottom temperature *52.5*

No. of Thermometer *51451* Cor. - *0.2°*

Corrected temperature *52.3°*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-51-0

12-53-0

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. *Hy 2118* Date *Oct-13/89*
Tanner Machine. Reel.

Turns *24* Cor. + *1* Depth *25*

Shot or lead *26 lbs.*

Bottom *dk gy S.*

Bottom temperature *54.2*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *54.0°*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

New DOWN.

UP.

DOWN.

UP.

1-30-0

1-31-0

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. *Hy 3119* Date *Oct-13/89*
Tanner Machine. Reel.

Turns *26* Cor. + *1* Depth *27*

~~Shot~~ or lead *26 lbs*

Bottom *dk gy S.*

Bottom temperature *54*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *53.8°*

Air *57* Surface *55* Drift.

Trawl or dredge or tangles *—*

New SOUNDING WIRE. DREDGE ROPE.

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

<i>2-10-0</i>	<i>2-11-0</i>	0		
---------------	---------------	---	--	--

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

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

SERIAL TEMPERATURE.

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

REMARKS.

107

No. *Hy. 2120* Date *Oct. 13/89*
Tanner Machine. Reel.

Turns *40* Cor. + *2* Depth *42*

Shot or lead *26 lbs.*

Bottom *W*

Bottom temperature *52.1*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *51.9°*

Air *57* Surface *55* Drift.

Trawl or dredge or tangles

New

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

2-40

2-41-50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	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.

107

No. *Hy. 212* / Date *Oct 13/89*
Tanner Machine. Reel.

Turns *56* Cor. + *2* Depth *58*

Shot or lead *26 lbs.*

Bottom *uv.*

Bottom temperature *49.6*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *49.3°*

Air *57* Surface *55* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-11-8</i>	<i>3-13-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 2122* Date *Oct-13/89*
Tanner Machine. Reel.

Turns *91* Cor. + *3* Depth *94*

Shot or lead *36 lbs.*

Bottom *uw*

Bottom temperature *48.2*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *47.9°*

Air *56* Surface *55* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-40-0</i>	<i>3-43-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Not E. J.

No. 2123 Hyd. Date Oct. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 376 Cor. + 36. Depth 412 fms.

Shot or lead 25 lbs.

Bottom C.

Bottom temperature 39.7°

No. of Thermometer 57451 Cor. -0.1°

Corrected temperature 39.6°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

AM.

4. 28. 50	40. 15
30. 00	39. 05
31. 10	38. 10
32. 25	37. 05
33. 30	4. 35. 25

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.
607

No. 2124 Hyd. Date Oct. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 445 Cor. + 43. Depth 488 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 39.2°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.1°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

<i>G.M.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.26.50	38.00	0		
28.00	37.05	100		
29.05	36.15	200		
30.10	35.20	300		
31.15	34.15	400		
31.40	5.33.40	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.

1537.
907

No. 2125 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 77 Cor. + 3. Depth 80 fms.

Shot or lead 26 lb.

Bottom gn. M.

Bottom temperature 49.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.16.15	18.30	0		
16.55	6.17.05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H. C. J.
507

No. 2126 Hyd. Date Oct. 13th 1889.
Tanner Machine. — Reel.

Turns 47 Cor. + 2. Depth 49 fms.
Shot or lead 26 lbs.

Bottom gn. M.

Bottom temperature 51.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 50.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.52.10	53.40	0		
52.30	6.52.45	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.

HC 508

No. 2127 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 37 Cor. + 1 Depth 38 fms.

Shot or lead 26 lbs.

Bottom gn. M.

Bottom temperature 52.0°

No. of Thermometer 57451 Cor. -0.2°

Corrected temperature 51.8°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 7.28.15	29.30	0		
28.30	7.28.45	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.

Am. N.
507

No. *2128* Date *October 13th*
Tanner Machine. Reel.

Turns *17* Cor. + *1* Depth *18*

~~Shot~~ or lead *26*.

Bottom *fine g. s.*

Bottom temperature *54.5*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *54.3°*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

A.M.

8.05.00

8.6.40

0

8.05.20

8.05.30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

W. H. H.

No. *Hy 2129* Date *October 13th 89*

Tanner Machine. Reel.

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

~~Shot or lead~~ *26*.

Bottom *bk sh. P.*

Bottom temperature *51.5*

No. of Thermometer *51451* Cor. *-0.3*

Corrected temperature *51.2*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

<i>A.M.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.56.00</i>	<i>8.57.40</i>	0		
<i>8.56.30</i>	<i>8.56.40</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.

May 11

No. *H₂ 2130* Date *October 13th 1889*
Tanner Machine. Reel.

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

~~Shot or lead~~ *26.*

Bottom *gn M.*

Bottom temperature *50.2*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *49.9°*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

<i>A.M.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.34.00</i>	<i>9.35.30</i>	0		
<i>9.34.30</i>	<i>9.34.40</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.

507
M.A.

No. *Hy 2131* Date *October 13th 89*

Tanner Machine. Reel.

Turns *83* Cor. + *3* Depth *86*

Shot or lead *26*.

Bottom *gn M.*

Bottom temperature *49.*

No. of Thermometer *51451* Cor. *-0.3*

Corrected temperature *48.7°*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.12.00</i>	<i>10.14.20</i>	0		
<i>10.12.40</i>	<i>10.13.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

mm. h.
607

No. *H₂ 2132* Date *October 13th 1889*

Sigsbee Machine. Reel. *A2*

Turns *339* Cor. + *34* Depth *373*

~~Shot or lead~~ *35*

Bottom *gn. M.*

Bottom temperature *39.9*

No. of Thermometer *51451* Cor. *-0.1°*

Corrected temperature *39.8°*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

<i>A. M.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.55.00</i>	<i>11.06.30</i>	0		
<i>10.56.10</i>	<i>11.05.00</i>	100		
<i>10.57.00</i>	<i>11.14.00</i>	200		
<i>10.58.00</i>	<i>11.01.30</i>	300		
<i>10.58.30</i>	<i>11.11.10</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W.M.H.

No. *Ny 2133* Date *October 13th 89*
Sigsbee Machine. Reel. *#2*
 Turns *4125* Cor. + *40* Depth *4165*
~~Shot or lead~~ *35*

Bottom *gn M.*
 Bottom temperature *39.5*
 No. of Thermometer *51451* Cor. *-0.1*
 Corrected temperature *39.4*
 Air *58* Surface *58* Drift.
 Trawl or dredge or tangles

<i>A.M.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.50.00</i>	<i>11.59.00</i>	0		
<i>11.51.00</i>	<i>11.58.30</i>	100		
<i>11.52.00</i>	<i>11.58.00</i>	200		
<i>11.53.00</i>	<i>11.57.00</i>	300		
<i>11.54.00</i>	<i>11.56.30</i>	400		
<i>11.54.20</i>	<i>11.56.00</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 2134* Date *Oct. 13/89.**Cannor* Machine. Reel.Turns *165* Cor. + *5* Depth *167*Shot or lead *26 lbs.*Bottom *gn. m.*Bottom temperature *45.6*No. of Thermometer *51451* Cor. *-0.30*Corrected temperature *45.30*Air *58* Surface *58* Drift.

Trawl or dredge or tangles

<i>P.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-36-0</i>	<i>41-0</i>	0		
<i>37-0</i>	<i>39-50</i>	100		
<i>37-45</i>	<i>12-38-0</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 2135* Date *Oct. 13/89.**Harver* Machine. Reel.Turns *56* Cor. + *2* Depth *58*Shot or lead *26 lbs.*Bottom *gn. m.*Bottom temperature *50*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *49.7°*Air *58* Surface *58* Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-13-45</i>	<i>1-15-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	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. *Hy. 2136* Date *Oct 13/89.*
Tanner Machine. Reel.

Turns *28* Cor. + *1* Depth *29*

Shot or lead *26 lbs.*

Bottom *fine gg. S + P.*

Bottom temperature *54.8*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *54.6°*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*P.W. 1-47-0**1-47-50*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	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. *Hg. 2137* Date *Oct. 13/89.*

Tanner Machine. Reel.

Turns *25* Cor. + *1* Depth *26*

Shot or lead *26 lbs.*

Bottom *fine dk. gy. S.*

Bottom temperature *52.6*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *52.4°*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

<i>W</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-42-40</i>	<i>2-43-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	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. *Hy. 2138* Date *Oct. 13/89.*
Tanner Machine. Reel.

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

Shot or lead *26 lbs.*

Bottom *gn. m.*

Bottom temperature *54*

No. of Thermometer *51451* Cor. *-0.2°*

Corrected temperature *53.8°*

Air *54* Surface *56* Drift.

Trawl or dredge or tangles

<i>P.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-21-30</i>	<i>3-24-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.O. 17.

No. *H. 2139* Date *Oct. 13/89.*

Sigsbee Machine. *12* Reel.

Turns *244* Cor. + *24* Depth *268 fms.*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *43.0°*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *42.7°*

Air *57°* Surface *56°* Drift.

Trawl or dredge or tangles

<i>P.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4. 03. 40</i>	<i>10. 00</i>	0		
<i>04. 30</i>	<i>09. 05</i>	100		
<i>05. 35</i>	<i>08. 10</i>	200		
<i>06. 10</i>	<i>4. 07. 30</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.

No. 2140 Hyd. Date Oct. 13th 1889.

Machine. #2 Reel.

Turns 162 Cor. + 2 Depth 182 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 44.4°

No. of Thermometer 51 451 Cor. - 0.3°

Corrected temperature 44.1°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
450.15	55.40	0		
51.20	54.30	100		
52.00	4.53.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 1.

No. 2141 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 63 Cor. + 2

Depth 65 fms.

Shot or lead 26 lbs.

Bottom gn. m.

Bottom temperature 49.3°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.0°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 31. 50	38. 35	0		
32. 20	5. 37. 30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2142 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 29 Cor. + 1. Depth 30 fms.

Shot or lead 26 lbs.

Bottom fm. gy. S.

Bottom temperature 54.0°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 53.8°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.

DOWN.

UP.

6. 11. 30 12.30

11. 45 6. 11. 55

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.

H.C.D.

No. 2143 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 34 Cor. + 2 Depth 36 fms.

~~Shot or lead~~ 26 lbs.

Bottom gn. M.

Bottom temperature 50.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 50.2°

Air 57 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 53. 50	54. 55	0		
54. 05	6. 54. 15	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.

ACF.
507

No. 2144 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 68 Cor. + 2. Depth 70 fms.

Shot or lead 26 lbs.

Bottom gn. M.

Bottom temperature 48.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 48.2°

Air 56 Surface 52 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.38.10	40.05	0		
38.40	7.38.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507
F. M. H.

No. *Hy 2145* Date *October 13th 89*

Sigsbee Machine. Reel.

Turns *232* Cor. + *22* Depth *254*

~~Shot~~ or lead *35*

Bottom *M.*

Bottom temperature *42.4*

No. of Thermometer *5145-1* Cor. *-0.3°*

Corrected temperature *42.1*

Air *55* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		DOWN.	UP.
<i>8.25.00</i>	<i>8.31.30</i>	0		
<i>8.26.00</i>	<i>8.31.00</i>	100		
<i>8.27.00</i>	<i>8.30.20</i>	200		
<i>8.27.30</i>	<i>8.30.00</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

517

No. *Hy 2146* Date *October 13th 89*

Sanner Machine. Reel.

Turns *287* Cor. + *7* Depth *294*

Shot or lead *26.*

Bottom *M.*

Bottom temperature *42*

No. of Thermometer *51457* Cor. *-0.3°*

Corrected temperature *41.7°*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.17.00</i>	<i>9.24.30</i>	0		
<i>9.18.00</i>	<i>9.23.30</i>	100		
<i>9.19.00</i>	<i>9.22.00</i>	200		
<i>9.19.50</i>	<i>9.20.00</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.