

N<sup>o</sup>-8.

Feb'y 4<sup>th</sup> 1889

Feb'y 12<sup>th</sup> 1889.

D<sup>r</sup> 2935 to 2980.

Hy<sup>d</sup> 1707 to 1761.

Abb.	Meaning	Abb.	Meaning
bl.	blay	br.	black
bo	boral	br.	brown
For.	Foramifera	bu.	blue
g.	Gravel	choc.	chocolate
Glob.	Globigerrina	dk.	dark
m.	Mud.	gn.	green
Oz.	Ooze.	gy	gray
P.	Pebbles	lt.	light
Pter.	Pteropods.	rd.	red
R.	Rocks	slat.	slate
S.	Sand	wh.	white
Sh.	Shells	yl.	yellow.
Sp.	Specks		
St.	Stones		
brk	broken		
cro.	coarse		
fine.	fine		
hard.	hard.		
lge	Large		
rocky.	rocky		
soft.	soft		
sm	small		
stk	sticky		
stf.	stiff		

Tanner Machine.

Correction table  
Tanner Machine

16-38 fms + 1

38-70 " + 2

70-105 " + 3

105-142 " + 4

142-190 " + 5

190-260 " + 6

260-384 " + 7

1747 to 1761 Hyatt

2985 to 2980 Duane

1706  
2904  
Hydro  
No. 1707

Date Feb 4<sup>th</sup> 1889

Sigsbee Machine. Reel. 2  
Turns 41 Cor. + 4 Depth 45

~~Shot or lead~~ 38 lb

Bottom M.

Bottom temperature 56.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56

Air 58 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.14.6	10.18.00	0		
10.15.00	10.16.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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. *2935* Date *Dec. 4<sup>th</sup> 1889*

*Sigsbee* Machine. *2* Reel.

Turns *118* Cor. + *6* Depth *124*

Shot or lead *38 lbs*

Bottom *fm gy. S*

Bottom temperature *49.2*

No. of Thermometer *50306* Cor.  $\pm 0$

Corrected temperature *49.2*

Air *68* Surface *69* Drift *NW 3/4 W. 3/4 M*

Trawl or dredge or tangles *large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9. M.</i>				
<i>10.55.20</i>	<i>11.0.00</i>	<i>0</i>	<i>11.01.00</i>	<i>11.35.00</i>
<i>10.57.00</i>	<i>10.59.00</i>	<i>100</i>	<i>11.4.30</i>	<i>11.30.30</i>
<i>10.57.30</i>	<i>10.57.40</i>	<i>200</i>	<i>11.6.30</i>	<i>11.27.30</i>
		<i>250</i>		
		<i>300</i>	<i>11.8.30</i>	<i>11.25.30</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.

502  
Feb 7 1889

No. 2936 Date Feb. 4<sup>th</sup> 1889

Sigsbee Machine. 2 Reel.

Turns 332 Cor. + 27 Depth 359

Shot or lead 38 lbs.

Bottom M.

Bottom temperature 49

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 49

Air 61 Surface 61 Drift  $\frac{1}{2}$  m  $\frac{1}{2}$  m

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
12 11.40	20.40	0	22.30	32.00
13.00	19.50	100	29.00	28.45
14.35	19.15	200	32.45	26.00
16.00	18.20	300	36.00	23.00
		400	38.30	20.10
		500	41.00	16.50
		600	43.00	13.45
		700	45.35	1.10.10
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

*Saints*  
 No. *Hyd.* 1708 Date *Feb. 4<sup>th</sup> 1889*

*Sigsbee* Machine. 2 Reel.

Turns 409 Cor. + 32 Depth 441

~~Shot or lead~~ 38 lbs.

Bottom *gn. sb.*

Bottom temperature 40.8

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 40.8

Air 60 Surface 61 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

P. M. DOWN.

UP.

DOWN.

UP.

P. M. DOWN.	UP.	TURNS.
2. 16. 15	26. 50	0
17. 30	25. 30	100
18. 30	24. 30	200
19. 30	23. 30	300
20. 40	22. 30	400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. 265 1709. Date Feb. 4" 1889

Sigsbee Machine. 2 Reel.

Turns 420 Cor. + 34 Depth 454

Shot or lead 38 lbs.

Bottom gn. sb.

Bottom temperature 40.5

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 40.5

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

P.M.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	P.M.		DOWN.	UP.
3. 5.	20	16. 00	0	
6.	40	15. 00	100	
7.	50	14. 20	200	
9.	15	13. 30	300	
10.	40	12. 30	400	
			500	
			600	
			700	
			800	
			900	
			1000	
			1100	
			1200	
			1300	
			1400	
			1500	
			1600	
			1700	
			1800	
			1900	
			2000	
			2100	
			2200	
			2300	
			2400	

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *2937* Date *Feb. 4<sup>th</sup> 1889*

*Sigsbee* Machine. *2* Reel.

Turns *430* Cor. + *34* Depth *464*

~~Shot or lead~~ *38 lbs.*

Bottom *gn. w.*

Bottom temperature *46.5*

No. of Thermometer *50306* Cor.  $\pm 0$

Corrected temperature *46.5*

Air *65* Surface *62* Drift *1/2 m Dr*

Trawl or dredge or tangles *Large beam*

SOUNDING WIRE.

*P.M.*

DOWN.	UP.
<i>3. 55. 00</i>	<i>5. 1. 0</i>
<i>55. 50</i>	<i>4. 20</i>
<i>56. 55</i>	<i>03. 20</i>
<i>57. 55</i>	<i>. 02. 20</i>
<i>59. 00</i>	<i>4. 01. 20</i>

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

*(P.M.)* DREDGE ROPE.

DOWN.	UP.
<i>4-9-30</i>	<i>58-0</i>
<i>14-0</i>	<i>34-15</i>
<i>18-0</i>	<i>30-0</i>
<i>21-50</i>	<i>26-15</i>
<i>24-0</i>	<i>22-0</i>
<i>26-50</i>	<i>18-0</i>
<i>28-50</i>	<i>14-20</i>
<i>30-50</i>	<i>10-0</i>
<i>33-50</i>	<i>05-0</i>
<i>36-40</i>	<i>5. 00</i>

*Towed surface net when  
drifting*

	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.

APL

No. 11710 Date Feb 4<sup>th</sup> 89

Sigsbee Machine. Reel. #2

Turns 419 Cor. + 33 Depth 452

Shot or lead 38 lbs.

Bottom gy m

Bottom temperature 46.4

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 46.4

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

P. W

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

6-13-0	23-50
14-0	22-20
15-0	21-0
16-30	20-0
17-40	6-19-0

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.

*1711*

No. 1711

Date

Feb 4<sup>th</sup> 89

Sigsbee

Machine.

Reel.

2

Turns 445 Cor. + 32

Depth 445

Shot or lead 38 lbs.

Bottom gy M.

Bottom temperature 40.8

No. of Thermometer 50506 Cor. ± 0

Corrected temperature 40.8

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*PW*

7-55-0

17-0

0

6-30

16-0

100

8-0

15-0

200

10-0

14-0

300

12-0

7-15-0

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

547  
W.M. Hagar

No. 1712

Date Feb 4<sup>th</sup> 1889

Sigsbee Machine. 2 Reel.

Turns 2100 Cor. + 32 Depth 432

Shot or lead 38 lb

Bottom gn M.

Bottom temperature 41.

No. of Thermometer 30206 Cor. ± 0

Corrected temperature 41

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 8.00	8.11.20	0		
8.2.30	8.10.00	100		
8.3.40	8.9.30	200		
8.5.00	8.8.10	300		
8.6.30	8.7.50	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.

Wm A. Hyatt

No. 1713

Date Feb 4<sup>th</sup> 1889

Sigsbee Machine. 2 Reel.

Turns 302 Cor. + 25. Depth 327

Shot or lead 38

Bottom R. M. S.

Bottom temperature 43.2

No. of Thermometer 50806 Cor. ±0

Corrected temperature 43.2

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
8.55.00	9.40.00	0		
8.57.20	9.3.20	100		
8.59.10	9.2.00	200		
9.00.	9.1.30	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.

<sup>507</sup> (M.A.)  
 No. 1714  
 Sigsbee

Date Feb. 4<sup>th</sup> 1889

Machine. 2 Reel.

Turns 300 Cor. + 24 Depth 324

~~Shot or lead~~ 38 lb

Bottom gy. M.

Bottom temperature 43.2

No. of Thermometer 51306 Cor. ± 0

Corrected temperature 43.2

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
9.47.30	9.56.30	0		
9.49.10	9.55.00	100		
9.50.30	9.53.50	200		
9.51.30	9.52.30	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.

507  
W.M.

Hydr

No. 1715

Date Feb 4<sup>th</sup> 1889

Sigsbee Machine. 2 Reel.

Turns 255 - Cor. + 21 Depth 276

Shot or lead 38 lbs

Bottom gn. M.

Bottom temperature 51.

No. of Thermometer 50.306 Cor. ± 0

Corrected temperature 51

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
10.38.50	10.49.40	0		
10.40.00	10.48.10	100		
10.41.30	10.47.30	200		
10.43.00	10.46.30	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.

*(W.M.)*  
1887

No. 1716 Hyatt Date Feb 4 1889  
Sigsbee Machine. 2 Reel.

Turns 245 Cor. + 19 Depth 264

Shot or lead 38 lbs

Bottom gm.

Bottom temperature 45.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 45

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.30.20	11.37.50	0		
11.31.10	11.37.00	100		
11.33.00	11.36.00	200		
11.34.00	11.35.10	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.

Sect. 13

No. *Hyd 1717* Date *Feb. 5*  
*Tanner* Machine. Reel.Turns *156* Cor. + *5* Depth *161*Shot or lead *25 lb*Bottom *gn M.*Bottom temperature *Ther did not capsize*No. of Thermometer *50306* Cor.  $\pm 0$ Corrected temperature *none*Air *58* Surface *59* Drift.~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*A. M.**12.23.50* *31.00**26.50* *29.10*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

*Lat. 13*

No. *Hyd. 1718* Date *Feb. 5<sup>th</sup>, 1889*

*Tanner* Machine. Reel.

Turns *20* Cor. + *1* Depth *21*

Shot or lead *25 lbs*

Bottom *hrd sb.*

Bottom temperature *59*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *59*

Air *58* Surface *59* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1. 21.10</i>	<i>22.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hand* 1719 Date *Feb 5, 1889*  
*Hand line* Machine. Reel.

Turns Cor. + *1* Depth *180*

Shot or lead *8*

Bottom *fine gy. S*

Bottom temperature

No. of Thermometer *50306* Cor. }

Corrected temperature

Air *54* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

*SW* DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 1920

Date

Feb 5<sup>th</sup> 89

Tanner

Machine.

Reel.

Turns 20 Cor. + 1

Depth 21

Shot or lead 25 lbs

Bottom fm. gy. S.

Bottom temperature

No. of Thermometer 50506 Cor. } *none*

Corrected temperature

Air 54 Surface 57 Drift.

Trawl or dredge or tangles

*A.M.*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*25 + 1*

*11.34*



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.P.*

No. *1721* Date *Feb. 5/89*

*Tanner* Machine. Reel.

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

Shot or lead *25 lb.*

Bottom *fw gy S*

Bottom temperature *57.8*

No. of Thermometer *50366* Cor. *±0*

Corrected temperature *57*

Air *54* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

*Ad*  
DOWN.  
*11-34*

UP.

TURNS.

DOWN.

UP.

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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

## REMARKS.

507  
 47

No. 1722 Date July 5/89

Tanner Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 25 lbs

Bottom fw gy. s.

Bottom temperature 58

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-51-0	11-52-0	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.

Wm. 1887

No. 1723 *Nyar* Date Feb. 5<sup>th</sup> 1889

*Sigsbee* Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 25 lbs

Bottom fine gy S.

Bottom temperature 58.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.1.30	12.3.00	0	12.48.30	
12.2.00	12.2.30	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.

MNH  
507

No. 1724 *Hydr* Date *Feb 5<sup>th</sup> 1889*  
*Tanner* Machine. Reel.

Turns 47 Cor. + 2 Depth 49

Shot or lead 25 lbs

Bottom *fine gy S.*

Bottom temperature 56.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.16.30	12.19.00	0		
12.17.00	12.17.30	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. 607

No. 1725 *Hydro.* Date Feb. 5<sup>th</sup> 1889  
Tanner Machine. 9 Reel.

Turns 664 Cor. + 4 Depth 115

~~Shot or lead~~ 25 lbs

Bottom fm gy. s.

Bottom temperature 49.5

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 49.5

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.30.00	12.34.00	0		
12.31.30	12.32.20	100		
12.31.40	12.32.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

507

No. 2938 Dredge Date Feb 5<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 45 - Cor. + 2 Depth 47

~~Shot or lead~~ 25 lb

Bottom fm gy s. ST.

Bottom temperature 58.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.53.30	12.56.01	0	12.58.30	1.20.00
12.54.30	12.55.00	100	1.02.30	1.17.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Wm. A. 507

No. 2989, Dodge Date Feb 5<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead 25 lbs

Bottom fine gy S. St.

Bottom temperature did not work.

No. of Thermometer 50806 Cor. ±0 } time

Corrected temperature

Air 58 Surface 59 Drift 1/2 m. W. N. W.

Trawl or dredge or tangles large beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.31.30	1.33.00	0	1.46.30	2.29.30
1.32.00	1.32.30	100	1.52.00	
		200	1.54.40	2.27.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Fishes with hand-line for 12 minutes  
No fish

Dredge left the ship at 2.08  
Return to the ship at 2.53

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.  
607

No. 2940 *Dodge* Date Feb 5<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom *fine gy S br. sh. ST.*

Bottom temperature 59.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 59

Air 58 Surface 59 Drift.

Trawl or dredge or tangles *large beam*

Fishes with hand lines commenced at 2.35 -  
 and stopped at 2.42, for fish

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.31.30	2.33.00	0	2.47.00	2.56.00
2.32.00	2.32.10	100 <sup>50</sup>	2.56.00	2.53.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

W 597

No. 2941 Dredge Date Feb. 6<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 25 - Cor. + 1 Depth 26

Shot or lead 25-lbs

Bottom Sh. S.

Bottom temperature 5

No. of Thermometer 50306 Cor. } None

Corrected temperature

Air 59 Surface 59 Drift. 1/2 mile

Trawl or dredge or tangles large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.10

8.11.40

0

8.11.50

8.35-00

8.10.30

8.11.00

100 60

8.12.40

8.31.40

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

*7m 1/2*  
*Lat 75*

No. *2942* Date *Feb 5<sup>th</sup> 1889*

Tanner Machine. Reel.

Turns *19* Cor. + *1* Depth *20*

Shot or lead *25 lb*

Bottom *gy Sbk sh. . ST.*

Bottom temperature *59.2*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *59.2*

Air *59* Surface *59.60* Drift *15 SWKS*

Trawl or dredge or tangles *large beam.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3:53:30</i>	<i>3:57.00</i>	<i>0</i>	<i>3:58.30</i>	<i>20.50</i>
<i>3:56.00</i>	<i>3:56.30</i>	<i>60</i>	<i>4:01.30</i>	<i>18.20</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.

*C.A.A.*

No. 1726 Date Feb 6/89  
 Sigsbee Machine. Reel.

Turns 120 Cor. + 4 Depth 124

Shot or lead 25 lbs.

Bottom gn M

Bottom temperature ~~59.5~~

No. of Thermometer 50306 Cor. ± 0

Corrected temperature ~~59.5~~

Air 57 Surface 58.60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i> 11-17-0	40-0	0		
18-0	11-19-0	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  
*[Handwritten initials]*

No. 1424 Date Feb 6/89

Tanner Machine. Reel.

Turns 85 Cor. + 3 Depth 88

Shot or lead 25 lbs.

Bottom gw. M

Bottom temperature ~~59.8~~

No. of Thermometer 50506 Cor. ±

Corrected temperature

Air 54 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN. UP.

11-27-30 11-30-0

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.

507  
 247

No. 1728 Date Feb 6/89  
 Tanner Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead 25 lbs.

Bottom gy S bk. Sh.

Bottom temperature 55.5

No. of Thermometer 50506 Cor. ± 0

Corrected temperature 55.5

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-35-0	11-40-6	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.

597

No. 1739 Date Feb 6<sup>th</sup> 1899  
Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs.

Bottom gy S bk. Sp.

Bottom temperature 55

No. of Thermomcter 50506 Cor. ± 0

Corrected temperature 55

Air <sup>57</sup> Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-55-0	12-0-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

1730

Date

Feb 6/89

Machine.

Recl.

Turns

46

Cor. +

2

Depth

48

Shot or lead

45 lbs

Bottom

gy S bk sp

Bottom temperature

55.2

No. of Thermometer

50306

Cor. ±

0

Corrected temperature

55.2

Air

57

Surface

58

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

A W

12-1-0

12-2-0

## 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.

9771x  
507

No. 1731 *Hyaw* Date Feb 6<sup>th</sup> 1889

*Sanner* Machine. Reel.

Turns 48 Cor. + 2 Depth 50

~~Shot or lead~~ 25

Bottom gy S. bk. Sh. bk. Sh. bk.

Bottom temperature 56.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		DOWN.	UP.
	12. 7. 30	0		
	12. 8. 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.

W.H. # 507

No. 1732 Hyour Date Feb. 6<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 60 Cor. + 2 Depth 62

~~Shot or lead~~ 25 lbs

Bottom fine gy S. sh &

Bottom temperature 54.

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 54

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M., DOWN.	UP.		DOWN.	UP.
12.13.30	12.16.30	0		
12.14.40	12.15:00	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.

Wm. 507

No. 1733. Hydr Date Feb. 6<sup>th</sup> 1889

Panner Machine. Reel.

Turns 88 Cor. + 3 Depth 91

Shot or lead 25 lbs

Bottom 57.5 fine gy S.

Bottom temperature 51.5

No. of Thermometer 80306 Cor. ± 0

Corrected temperature 57.5

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M., DOWN.	UP.		DOWN.	UP.
12.20.00	12.23.50	0		
12.21.30	12.21.40	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.

W.H.I.  
507

No. 1734 Hagan Date Feb 6 1889  
Sanner Machine. Reel.

Turns 47 Cor. + 2 Depth 49

Shot or lead 25 lbs.

Bottom

Bottom temperature 55.8

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 55.8

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.W. 12-24-0	12-16-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

W. M. 1887

No. 1735 Hydro Date Feb. 6<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs

Bottom gy S. bk 8 h.

Bottom temperature 56.

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 56

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
	12.45.00	0		
	12.46.30	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.

7007

No. 1736 Hydro Date Feb 6<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 25 lb

Bottom wh s. s. bk & h.

Bottom temperature 55.5

No. of Thermometer 90306 Cor. ± 0

Corrected temperature 55.5

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
	12.53.50	0		
	12.54.30	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 974

No. 2943 Dredge Date Feb. 6<sup>th</sup> 1889

Sigsbee Machine. Reel.

Turns 30 Cor. + 1 Depth 31

Shot or lead 25

Bottom Rky.

Bottom temperature 56

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 56

Air 58 Surface 59 Drift. SSE. 1/8 mi

Trawl or dredge or tangles Shuts

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1.8.30	1.90.00	0	1.10.00	1.21.30
1.9.30	1.9.40	100	1.13.30	
		200	1.15.30	1.19.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
	22. 4 20	1400	8/0	
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. Alexander left the ship in evening  
 to set trawl lines at 1.10 P.M. Return  
 at 4.45 P.M.  
 Catch

White fish  
 Flat heads  
 Red Rock fish

Black Rock

	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		57	57	
300		58	55	
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W.M.H. 807

No. 2944 *Dray*, Date Feb. 6<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 25 lb

Bottom Rky.

Bottom temperature ~~66.6~~

No. of Thermometer 30306 Cor.

Corrected temperature

Air 58 Surface 59 Drift. S.W. by N. 1/4 E.

Trawl or dredge or tangles Small Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.25.30	1.29.00	0	1.26.30	1.48.30
1.26.00	1.26.30	100	1.30.00	1.45.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	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 607 / 4

No. 29459 Date Feb. 6<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 29 Cor. + / Depth 30

Shot or lead 29

Bottom R.

Bottom temperature 65

No. of Thermometer 30306 Cor.

Corrected temperature

Air 58 Surface 59 Drift. S W x W 1/2 W. 4/10

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 2.5:00	2.7:00	0	2.34:00	2.53:30
2.5:40	2.5:50	100	2.36:30	
		200	2.40:00	2.53:50
		300	2.41:00	2.50:30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Fishes with Hand lines, commenced at 2.05  
 will stop at 2.28 P.M.

Catch  
 3 Red Rock fish  
 1 Fat Head.



	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.

11/11/89

Dredge

No. 2946

Date Feb 6<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 145 Cor. + 5 Depth 150

Shot or lead 25 lbs

Bottom argy s

Bottom temperature 56.5

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 56.5

Air 60 Surface 59 Drift 10<sup>am</sup> NE 1/2 N

Trawl or dredge or tangles large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.14.30	3.18.30	0	3.20.00	3.50.00
3.16.30	3.17.50	100	3.25.00	3.47.40
3.16.30	3.16.40	200	3.30.00	3.45.30
		300	3.35.00	3.41.30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. <sup>Lat 13</sup> 2947 Date Jan Feb. 7<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 262 Cor. + 7 Depth 269

Shot or lead 25 lb

Bottom gy S. & brk Sh.

Bottom temperature 55.7?

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 55.7

Air 59 Surface 59 Drift.  $\frac{1}{3}$  m S<sub>w</sub>

Trawl or dredge or tangles Large Beam.

## SOUNDING WIRE.

P. m. DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

P. m.	DOWN.	UP.	TURNS.	DOWN.	UP.
1.36.	00	44.10	0	144.00	21.05
37.	10	42.40	100	47.10	18.40
38.	30	41.20	200	51.40	16.15
			300	54.30	14.00
			400	57.50	11.00
			500	2.00.50	2.08.00
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

Net fouled the frame  
of trawl.

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.

L. A. B.

No. 2948 Date Feb. 7 1889

Tanner Machine. Reel.

Turns 259 Cor. + 7 Depth 266

Shot or lead 25 lbs.

Bottom gy S. G. brk. Sh.

Bottom temperature 55.7

No. of Thermometer 50306 Cor.

Corrected temperature

Air 59 Surface 59 Drift. 7/4 m. S. 1/2 W.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8 m. 2. 22 30	30.50	0	2. 27.20	22. 40.
23. 10	28. 00	100	31.25	20. 15
24. 00	26. 10	200	35.30	17. 40
		300	37.50	15. 00
		400	42.00	12. 00
		500	45.00	07. 30
		<del>540</del> 600	48.50	3. 06.00
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

## REMARKS.

507  
*[Handwritten initials]*

No. *2949* Date *July 17/89*  
*Donner* Machine. Reel.

Turns *150* Cor. + *5* Depth *155*

Shot or lead *25 lbs*

Bottom *fine gy S.*

Bottom temperature *did not capsize -*

No. of Thermometer *50506* Cor.

Corrected temperature *none*

Air *59* Surface *58* Drift. *3/4 m N by S*

Trawl or dredge or tangles *\_\_\_\_\_*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.00</i>				
<i>4-32-0</i>	<i>36-0</i>	<i>0</i>	<i>4-34-0</i>	<i>5-10-0</i>
<i>34-0</i>		<i>100</i>	<i>39-0</i>	
<i>34-50</i>	<i>4-55-0</i>	<i>50</i>	<i>43-30</i>	<i>5-50-0</i>
		<i>200</i>	<i>46-40</i>	<i>5-2-30</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.H. 1607

No. 295-0 Day Date Feb. 8<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead 25-lb

Bottom gy S. bk. sh.

Bottom temperature 55.4 ?

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 55.4

Air 57 Surface 57 Drift. NEXE (mag) 1 mile

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
6.24.30	6.26.00	0	6.26.30	6.48.30
6.25.00	6.25.30	100 <sup>60</sup>	6.29.00	6.46.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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. 507

No. 2951 Dredge Date Feb 8<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs

Bottom fine gy S.

Bottom temperature 56.0

No. of Thermometer 50306 Cor.

Corrected temperature

Air 57 Surface 56 Drift. SW 1/2 S. (miles)

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.36.00	7.39.00	0	7.41.00	8.10.30
7.36.30	7.38.00	100	7.45.30	8.5.00
		150	7.47.00	8.3.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

L. M. B.

No. 2952 Date Feb 8<sup>th</sup> 1889.

Tanner Machine. Reel.

Turns 55 Cor. + 2 Depth 57

Shot or lead 25 lbs.

Bottom bk sh R-

Bottom temperature none

No. of Thermometer 50306 Cor.

Corrected temperature none

Air 57 Surface 57 Drift. 1/2 m. S. W.

Trawl or dredge or tangles Large Beam

## SOUNDING WIRE.

A. M. DOWN.

UP.

TURNS.

## DREDGE ROPE.

A. M. DOWN.

UP.

8. 48. 00

50. 20

0

8. 50. 00

08. 00

100

58. 20

04. 50

155

9. 00. 30

9. 03. 00

~~200~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Trawl for shells

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.

L. A. B.

No.

2953

Date

Feb. 8 1889

Tanner

Machine.

Reel.

Turns

79

Cor. + 3

Depth

82

Shot or lead

25 lbs.

Bottom

S. bk. sh.

Bottom temperature

55.7?

No. of Thermometer

50306

Cor.

Corrected temperature

Air

57

Surface

57

Drift.

1/2 m. S xx W

Trawl or dredge or tangles

Ship's

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9. 35. 40

38.20

0

9. 40. 00

59.20

100

44.30

57.00

~~150~~~~200~~

45.30

55.30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dredge left the ship at 10.00 and returned at 11.40



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

*See 413*

No. *261737* Date *Feb. 8" 1889*

*Tanner* Machine. Reel.

Turns *67* Cor. + *3* Depth *70*

Shot or lead *25 lbs*

Bottom *S. P.*

Bottom temperature *55.8?*

No. of Thermometer *50306* Cor.

Corrected temperature

Air *58* Surface *57* Drift.

~~Frawl or dredge or tangles~~

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A. M.</i>				
<i>10. 21. 55</i>	<i>24. 00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Sect. 13.

No.

2954

Date

Feb. 8<sup>th</sup> 1889

Tanner

Machine.

Reel.

Turns 63

Cor. + 2

Depth 65

Shot or lead 25 lbs

Bottom G. Sh. R.

Bottom temperature Ther. did not capsize

No. of Thermometer 50306 Cor.

Corrected temperature none

Air 58

Surface 57

Drift.

Trawl or dredge or tangles Ship's

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.40.20	42.20	0	10.45.00	11.01.40
		100	48.30	58.20
		150	50.35	56.50
		<del>200</del>		
		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  
*off*

No. *2955* Date *Feb. 8/89.*

*Junior* Machine. Reel.

Turns *117* Cor. + *4* Depth *121*

Shot or lead *25 lbs.*

Bottom *fine gy. Sx brk Sh. Rhy-*

Bottom temperature *48.2*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *48.2*

Air *60* Surface *59* Drift. *3/10 N 2 W*

Trawl or dredge or tangles *Small Bottom*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-11-0</i>	<i>15-0</i>	<i>0</i>	<i>12-19-30</i>	<i>45-0</i>
<i>12-0</i>	<i>12-13-0</i>	<i>100 17</i>	<i>24-30</i>	<i>40-0</i>
		<i>200</i>	<i>27-0</i>	<i>12-35-0</i>
		<i>250</i>		
		<i>300</i>	<i>29-0</i>	
		<i>400</i>		
		<i>500</i>		<i>15</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>		

- Trawl casting -

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.

597

No.

1738

Date

Feb. 8/89

Tanner

Machine.

Reel.

Turns 204 Cor. +

7

Depth

261

Shot or lead

25 lbs.

Bottom

R-xy-

Bottom temperature

44.2

No. of Thermometer

61588

Cor.

± 0

Corrected temperature

44.4

Air

57

Surface

59

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

O. W.

1-20-30

26-30

0

22-0

27-0

100

25-0

1-25-0

200

300<sup>54</sup>

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.  
~~547~~

No. *Hy 1739*

Date

*Feb. 8/89*

*Vannor* Machine.

Reel.

Turns *188* Cor. + *6*

Depth *194*

Shot or lead *25 lbs.*

Bottom *gy S*

Bottom temperature *46.7*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *46.7*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0. m.</i>				
<i>2-9-30</i>	<i>15-0</i>	0		
<i>10-50</i>	<i>13-0</i>	100		
<i>11-0</i>	<i>2-11-30</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1740* Date *Feb. 8/89*  
*Tanner* Machine. Reel.

Turns *120* Cor. + *4* Depth *124*

Shot or lead *25 lbs.*

Bottom *fygy s r Rky.*

Bottom temperature *48.8*

No. of Thermometer *61585* Cor.  $\pm 0$

Corrected temperature *48.8*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

*P.W.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-113-0</i>	<i>46-30</i>	0		
<i>44-0</i>	<i>2-45-30</i>	100		
<i>45-0</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.

507  
 2956

No. 2956 Date Feb. 5/89

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 25 lbs.

Bottom fine gy S. R

Bottom temperature 53.1

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 53.1

Air 58 Surface 58 Drift 1/2 mi S 1/2 W by 31

Trawl or dredge or tangles Small Beam

P.M. SOUNDING WIRE.		TURNS.	P.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-12-0	5-14-0	0	3-13-30	3-10
		100	19-30	
		200	30-0	3-28-30
		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.

No. *Hy 1741* Date *Feb. 8/09*

*2*  
*Feb. 8/09*

*Tanner* Machine. Reel.

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

Shot or lead *25 lbs.*

Bottom *fine gy S.*

Bottom temperature *56*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *56*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-55-0</i>	<i>3-56-30</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		

*Put 12 Lines over Ship's side -*  
*Caught 6 Red Rock fish*  
*6 Sea Bards.*



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. 1742 Hymn Date Feb 9<sup>th</sup> 1889  
Sanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44.

Shot or lead 25 lbs

Bottom Rky.

Bottom temperature none

No. of Thermometer 61588 Cor. } none

Corrected temperature

Air 59 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
758.00	8.0.35	0		
758.40	759.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7 lines out.  
 Fishing with hand line  
 commenced at 8.00 and stopped at  
 8.05  
 Catch

Red Rock 10  
 white fish 10

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.

*Lat. 13*

No. *No* 1743 Date *Feb 9* 1889

Tanner Machine. Reel.

Turns *39* Cor. + *2* Depth *41*

Shot or lead *25 lbs*

Bottom *gy S.*

Bottom temperature *54.9*

No. of Thermometer *61588* Cor. *± 0*

Corrected temperature *54.9*

Air *66* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

*A.M.*  
*8.56.50*

*58.10*

## 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.

*Put over 10 fathoms line.  
Caught nothing.  
Dredge ahead 9.07*

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

SERIAL TEMPERATURE.

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

REMARKS.

*Lat 13*

No. *76.1744* Date *Feb 9<sup>th</sup> 1889*  
*Tanner* Machine. Reel.

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

Shot or lead *25 lbs*

Bottom *R.*

Bottom temperature *55*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *55*

Air *66* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A. M.</i>				
<i>9. 15. 00</i>	<i>16. 10</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		

*Put over 14 fathoms lines  
 Caught 4 Red Rock fish  
 3 whitefish yellow bones  
 Skipped 20 min.*

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.

Laird's

No. 76. 1745 Date Feb. 9<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 25 lbs

Bottom G. brk. Sh.

Bottom temperature 53.9

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 53.9

Air 66 Surface 57 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

A. M. DOWN.

UP.

DOWN.

UP.

9. 39. 50

41. 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

Put over 12 fishing lines

Caught 1 Red Rock Fish

Stopped 12 min



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.

*Lev. 7.13*

No. 76. 1746 Date Feb. 9

Tanner Machine. Reel.

Turns 38 Cor. + 2 Depth 40

Shot or lead 25-lbs

Bottom gy. S.

Bottom temperature 54.4

No. of Thermometer 61588 Cor. ± 0.3

Corrected temperature 54.4

Air 66 Surface 57 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

A.M.

10.02.15

03.30

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

*Wingfoot left the ship at 10.00 and returned at 12.10*

*Put out 10 fishing lines  
Caught nothing  
Fished 9 min.*

	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. *16* 1747 Date *Feb 9* 1889

Tanner Machine. Reel.

Turns *33* Cor. + *1* Depth *34*Shot or lead *25 lbs*Bottom *brk. Sh. R.*Bottom temperature *54.4*No. of Thermometer *61588* Cor.  $\pm 0$ Corrected temperature *54.4*Air *66* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*A.M.**10. 18. 00**19.20**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**Put over 15 fishing lines  
Caught**Black Rock Cod 481**Red Rock Fish 49**Yellow Tails 23**Cultus Cod 2**Fished 1.50 hrs.*

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.A.P.*

No.

2957

Date

July 9/89

Tanner

Machine.

Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs.

Bottom gy S Y Rky

Bottom temperature 54.9

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.9

Air 63 Surface 58 Drift.

Trawl or dredge or tangles Ship

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*0 m*

12-35-0

12-36-30

50  
0

12-37-50

46-25

100

42-0

12-43-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

- Same as 2957. -

907  
C. H. P.

No. 2958 Date Feb. 9<sup>th</sup> 89  
Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25

Bottom gy. s

Bottom temperature 54.2

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.9

Air 63 Surface 58 Drift. 1/4 SE 1/2 E

Trawl or dredge or tangles 1/4 NW x W  
1/2 W

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		P.W.		
		0	12-49-25	18-45
		100	58-30	1-16-30
		200	57-25	
		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.

507  
 2959

No. 2959. Date Feb. 9/89.

Tanner Machine. Reel.

Turns 53 Cor. + 2 Depth 55

Shot or lead 75 lbs.

Bottom gnw gy s. & sh

Bottom temperature 51.9

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 51.9

Air 63 Surface 59 Drift. 1 m 4 3/4

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.w. 1-45-0	47-30	0	1-48-0	19-15
46-0	1-46-30	100	52-30	
		200	54-0	2-13-0
		300	3-	
		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.

1607  
*(written in margin)*

No. 2960 Date July 9/89  
 Tanner Machine. Reel.

Turns 260 Cor. + of Depth 267  
 Shot or lead 25 lbs.

Bottom gnw  
 Bottom temperature 48

No. of Thermometer 61588 Cor. ± 0  
 Corrected temperature 48

Air 63 Surface 59 Drift. 1 m N 1/8 E.

Trawl or dredge or tangles Large Berrin

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 2-41-30	50-0	0	2-47-0	8.51.80
42-30		100	53-0	8.49.40
43-30		200	56-30	8.46.00
44-0	2-44-30 <sup>260</sup>	300	3-0-0	8.43.30
		400	3-30	8.40.30
		500	7-0	8.35-0
		600	10-0	8-30-30
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Towed Surface Star white  
 Dredging.

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 507

No. 29.6 1/2 Judge Date February 11<sup>th</sup> 1889

Sigsbee Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead

Bottom ~~fine s~~ gy m

Bottom temperature

No. of Thermometer

Cor. } 2 mm

Corrected temperature

Air 53 Surface 58 Drift. 0.4 N 3/4 W

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

a.m.

7.30

7.31

7.31.30

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

7.34.30

7.36.00

7.48.00

7.46.30

Expended a 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.

507

No. 1748 Date Feb 11  
 Machine Hand Reel  
 Turns Cor. + Depth 13

Shot or lead

Bottom Cor. + Sponges

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

Surface

Drift.

Trawl or dredge or tangles

} time

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

Am.  
7-49-

- 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.

Wish

No. 2962 Date Feb 11

Machine. Reel.

Turns Cor. + Depth 16.2

Shot or lead Hona lead

Bottom S. St & Co.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature

Air 62 Surface 59 Drift. 0.3 S 1/4 E

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8.4.30	8.12.30
		100	8.6.30	8.8.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

77 307  
 and  
 L. 4713

No. 2963

Date Oct 11<sup>th</sup> 1889

Machine. Reel.

Turns Cor. + Depth 20

Shot or lead Hand lead,

Bottom S. ft. Co.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 68 Surface 59 Drift. 1/2 m S W + S

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M.		0	8.16.30	32.11
		100	8.20.00	33.15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
	2400			

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

SERIAL TEMPERATURE.

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

REMARKS.

507  
S. 7. 13.

No. 16. 1749 Date Feb. 11" 1889

Hand Lead Machine. Reel.

Turns Cor. + Depth 22

Shot or lead

Bottom M.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 62 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M.		0		
8. 35. 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.

2964

Date

Feb. 11" 1889

Machine.

Reel.

Turns

Cor. +

Depth

21.5

Shot or lead

hand lead

Bottom

S. st.

Bottom temperature

none

No. of Thermometer

none

Cor.

Corrected temperature

none

Air 62.

Surface 59

Drift. <sup>5m 4x2</sup> 3 N 1/8 W. <sup>2m 1/2</sup>~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

8. 46.00

47.00

0

8 47.00

16.00

100

48.30 9.5.00

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.

No. *H. 1750*Date *Feb 11 1889*

Machine. Reel.

Turns Cor. + Depth *13 1/2*Shot or lead *Hand Lead*Bottom *R.*Bottom temperature *none*No. of Thermometer *none* Cor.Corrected temperature *none*Air *62* Surface *60* Drift.~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*A. J. G.**9.0500*

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

*Saw TB.**H. 1757 - 13 fms  
hand lead used**Bottom M.**air 62. Surf 60*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

Lat 713.

No. 2965 Date Feb. 11<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead 25 lbs

Bottom fine gy S. B.

Bottom temperature 58

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 58

Air 62 Surface 60 Drift. 1/4 m S 77

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. M. 9. 51. 10	52 - 30	0	9. 58. 00	
		45		
		100	10. 00. 40	10. 20
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

L. J. B.

No. 76. 1752 Date Feb. 11<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

~~Shot or lead~~ 25 lbs

Bottom M.

Bottom temperature 59

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 59

Air 62 Surface 60 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

A. J. B. 10. 12. 50

13 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.

*24.15*

No. *2966* Date *Feb. 11 1889*

Tanner Machine. Reel.

Turns *27* Cor. *+ 1* Depth *28*

Shot or lead *25 lbs*

Bottom *gy S bot. sh.*

Bottom temperature *58.5*

No. of Thermometer *61588* Cor. *± 0*

Corrected temperature *58.5*

Air *62* Surface *60* Drift. *4/10 W 1/2 N mag.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.23.15</i>	<i>24.15</i>	0	<i>25.00</i>	<i>52.00</i>
		<i>40</i>	<i>27.30</i>	<i>50.00</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.

Lat 73.

No. 2967 Date Feb. 11 1889  
 Tanner Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 25 lbs

Bottom crs m.

Bottom temperature 58

No. of Thermometer 61588 Cor. +0

Corrected temperature 58

Air 62 Surface 60 Drift. 3/4 NE

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>10. 50. 30</u>	<u>51. 40</u>	<u>0</u>	<u>10. 58. 00</u>	<u>18. 30</u>
		<u>50</u>		
		<u>100</u>	<u>11. 00. 00</u>	<u>17. 00</u>
		<u>200</u>		
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

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

SERIAL TEMPERATURE.

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

REMARKS.

Lieut. F.B.

No.

2968

Date

Feb 11 1889

Tanner

Machine.

Reel.

Turns 30 Cor. + 1

Depth 31

Shot or lead 2560

Bottom M.

Bottom temperature 59

No. of Thermometer 61588

Cor. ± 0

Corrected temperature 59

Air 66 Surface 61

Drift. 3/4 m. S.E.E

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

11. 17. 30 18. 40

0

25.00

54.10

100

26.30

53.20

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.

Sect 713

No. 76.1753

Date

Feb. 11 " 1889

Tanner

Machine.

Reel.

Turns 25 Cor. + 1

Depth 26

Shot or lead 25 lbs

Bottom gy. S. R.

Bottom temperature 59

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 59

Air 66 Surface 61 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 11.53.50	55.10	0	5	
		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.

*Laut. F.B. Y.C.A.A.*

No. **2969** Date **Feb. 11<sup>th</sup> 1889**  
*Tanner* Machine. Reel.

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

~~Shot or lead~~ **25 lbs**

Bottom **gy S. P. St.**

Bottom temperature **58**

No. of Thermometer **61588** Cor. **± 0**

Corrected temperature **58**

Air **66** Surface **61** Drift. *1/2 m S E*  
*1/2 S*

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>P.M.</i> DOWN.	UP.		<i>P.M.</i> DOWN.	UP.
12. 05. 30	06. 00	0	12. 05. 00	12-26-10
		<del>50</del> 100	.07.30	12-25-15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. 2970. Date February 11/09.

Sigsbee Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 25 lbs.

Bottom finegy S. M.

Bottom temperature 59.1

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 59.1

Air 63 Surface 61 Drift. 1/4 m N 1/4 W

Trawl or dredge or tangles Large Beam

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

P. W. 12-25-30

12-26-10

0

P. W. 12-32-0

1-2-10

50

100

35-10

12-59-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. *2971* Date *February 11/84*  
*Tanner*, Machine, Reel.

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

Shot or lead *25 lbs.*

Bottom *fine gy S s. M.*

Bottom temperature *58.5*

No. of Thermometer *61588* Cor. *± 0*

Corrected temperature *58.5*

Air *63* Surface *60* Drift. *3/4 m S x E*

Trawl or dredge or tangles *Large Beams.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W.</i>				
<i>1-3-30</i>	<i>1-4-30</i>	<i>0</i>	<i>1-17-30</i>	<i>31-15</i>
		<i>50</i>	<i>20-15</i>	<i>1-29-30</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.

307  
*W.A.*

No. *2942* Date *February 11/89.*  
*Garrett* Machine. Reel.

Turns *59* Cor. + *2* Depth *61*

Shot or lead *25 lbs.*

Bottom *gn w.*

Bottom temperature *53.5*

No. of Thermometer *61588* Cor. *± 0*

Corrected temperature *53.5*

Air *63* Surface *60* Drift. *1m W.S.W.*

Trawl or dredge or tangles *Large Beam.*

SOUNDING WIRE.

DOWN.

UP.

*0.00*  
*2-15-50*

TURNS.

*0.00* DREDGE ROPE.

DOWN.

UP.

*0*  
*2-17-0* *46-15*  
*21-0*  
*23-0* *2-31-15*

100

*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

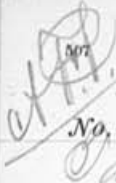
3900

4000

SERIAL TEMPERATURE.

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

REMARKS.


  
 No. 11754

Date February 11/1909  
 Cannon Machine. Reel.

Turns 65 Cor. + 3 Depth 68

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 53.5

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 53.5

Air 63 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0.00		0		
2-46-0	44-45	100		
46-45	2-44-0	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

AP  
No.

2973

Date

February 11/89

Tanner Machine. Reel.

Turns 65 Cor. + 3 Depth 68

Shot or lead 25 lbs.

Bottom gn. av.

Bottom temperature 54

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54

Air 63 Surface 60 Drift.

Trawl or dredge or tangles Large Beam.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-5-30	3-08-0	0	3-08-30	38-0
		100	13-45	
		60 200	15-0	307-30
		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  
*AA*

No. *2974* Date *February 11/89*

*anner.* Machine. Reel.

Turns *70* Cor. + *3* Depth *73*

Shot or lead *25 lbs.*

Bottom *gn. m*

Bottom temperature *53.2*

No. of Thermometer *61588* Cor. *± 0*

Corrected temperature *53.2*

Air *63* Surface *60* Drift. *3/4 m N. 5/4 W +*  
*8 N x W 3/4 W*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W</i> <i>3-30-0</i>	<i>3-31-0</i>	0	<i>3-47-0</i>	<i>4-15-0</i>
		100	<i>51</i>	
		200	<i>54</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.

*12.13*

No. *2975* Date *February 12 1880*

*Tanner* Machine. Reel.

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

Shot or lead *25* lbs.

Bottom *G. bk Sh.*

Bottom temperature *57*

No. of Thermometer *6588* Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8. 29. 30</i>	<i>31. 20</i>	0	<i>8. 33. 40</i>	
		<i>75</i>		
		<del>100</del>	<i>35. 55</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 1907

No. 1755 Date Feb 11<sup>th</sup> 1889

1 Panne Machine. Reel.

Turns 48 Cor. + 2 Depth 50

Shot or lead 25 lbs

Bottom gn. M. R

Bottom temperature 54.8

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.8

Air 63 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

PM

DOWN.

UP.

TURNS.

DOWN.

UP.

4.18.30

4.21.00

0

4.19.00

4.19.20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



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.

*Line 513*

No. *2975* Date *Feb. 12<sup>th</sup> 1889*

*Tanner* Machine. Reel.

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

Shot or lead *25 lbs*

Bottom *S. bk Sh*

Bottom temperature *57*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *57*

Air *65* Surface *60* Drift. *1 m SE 3/4 E*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8. 29. 30</i>	<i>31. 20</i>	0	<i>8. 33. 40</i>	<i>9. 00. 10</i>
		100	<i>35. 55</i>	<i>8. 58. 50</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

L. W. B.

No. 2976 Date Feb. 12<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 30 Cor. + 1 Depth 31

Shot or lead 25 lbs

Bottom cogy S. brk Sh.

Bottom temperature 58

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 58

Air 65 Surface 60 Drift. 1/2 m S E x E

Trawl or dredge or tangles Small Beam

## SOUNDING WIRE.

A.M. DOWN.

UP.

9.17.30

19.20

## TURNS.

0

75  
+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.

A.M. DOWN.

UP.

9.22.30

42.10

25.00

39.50

	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. *2977* Date *Feb 12" 1889*  
*Janer* Machine. Reel.

Turns *43* Cor. + *2* Depth *45*

Shot or lead *25 lbs*

Bottom *fine gy S+P*

Bottom temperature *56.5*

No. of Thermometer *61588* Cor. *±0*

Corrected temperature *56.5*

Air *65* Surface *60* Drift. *1/10 m. East*

Trawl or dredge or tangles *Small Beam*

## SOUNDING WIRE.

*a. m.* DOWN. UP.  
*9. 52. 10* *53.20*

## 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.

*a. m.* DOWN. UP.  
*55.00* *21.10*  
*59.40* *10.17.30*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No.

2978

Date

Feb. 12<sup>th</sup> 1889

Tanner

Machine.

Reel.

Turns 44 Cor. + 2

Depth 46

~~Shot or lead~~ 25 lbs

Bottom

gys.

Bottom temperature 56.5

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 56.5

Air 70

Surface 60

Drift, 3 mi, N 6 1/4 E.

Trawl ~~or dredge or tangles~~ small beam

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 10.40.25	41.50	0	10.42.00	13.00
		100	48.00	07.30
		120		
		<del>200</del>	49.30	11.05.00
		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.

*cont. 7.13*

No. *Hyd. 1756* Date *Feb. 12<sup>th</sup> 1889*  
*Parker* Machine. Reel.

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

~~Shot or lead~~ *25*

Bottom *gy S.*

Bottom temperature *none*

No. of Thermometer *none* Cor.

Corrected temperature *none*

Air *70* Surface *60* Drift. *N 6 3/4 E .3*

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>d.M.</i>				
<i>11. 13. 00</i>	<i>14. 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		

*Put over 9 fishing lines*

*caught 1 red rock fish*

*fisher's winnow*

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. *16.1757* Date *Feb. 12" 1889*

Tanner Machine. Reel.

Turns *35* Cor. + *1* Depth *36*~~Shot or lead~~ *25 lbs*Bottom *CoS. brk. Sh.*Bottom temperature *none*No. of Thermometer *none* Cor.Corrected temperature *none*Air *70* Surface *60* Drift.~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*a.m.**11.32.00**33.20**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*

*Put over 11 fishing lines  
caught  
4 Red Rock fish  
Fished 15 min.*

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. *2949* Date *February 12/19*

Sigsbee Machine. Reel. *2*

Turns *360* Cor. + *28* Depth *388*

Shot or lead *35 lbs.*

Bottom *gn. w.*

Bottom temperature *none taken.*

No. of Thermometer *none Cor.*

Corrected temperature *none*

Air *65* Surface *60* Drift. *1/2 m S 1/2 S.*

Trawl or dredge or tangles *Large Beam.*

P.W. SOUNDING WIRE.		TURNS.	P.W. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-15-0</i>	<i>25-50</i>	<i>0</i>	<i>12-24-40</i>	<i>46-15</i>
<i>16-15</i>	<i>27-30</i>	<i>100</i>	<i>31-40</i>	<i>42-30</i>
<i>17-15</i>	<i>21-30</i>	<i>200</i>	<i>35-10</i>	<i>39-30</i>
<i>18-30</i>	<i>20-30</i>	<i>300</i>	<i>38-40</i>	<i>36-30</i>
<i>19-10</i>	<i>12-19-30</i>	<i>400</i>	<i>41-15</i>	<i>33-30</i>
		<i>500</i>	<i>44-30</i>	<i>30-30</i>
		<i>600</i>	<i>48-0</i>	<i>27-30</i>
		<i>700</i>	<i>51-30</i>	<i>24-30</i>
		<i>800</i>	<i>53-40</i>	<i>1-21-30</i>
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

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. *2980*, Date *February 12/89*

*Sigsbee* Machine. Reel. *21*  
Turns *561* Cor. + *42* Depth *603*

Shot or lead *35 lbs.*

Bottom *gn. m.*

Bottom temperature *39.2*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *38.9*

Air *40.* Surface *62.* Drift. | mill  $\frac{1}{2}$  East.

Trawl or dredge or tangles *Large Beam.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-24-0</i>	<i>37-58</i>	0	<i>2-40-0</i>	<i>5.13.30</i>
<i>25-50</i>	<i>36-50</i>	100	<i>43-30</i>	<i>59.30</i>
<i>27-0</i>	<i>36-12</i>	200	<i>46-50</i>	<i>5.6.30</i>
<i>28-0</i>	<i>35-24</i>	300	<i>50-0</i>	<i>5.02.40</i>
<i>29-30</i>	<i>34-36</i>	400	<i>52-0</i>	<i>58.30</i>
<i>30-45</i>	<i>33-48</i>	500	<i>58-0</i>	<i>4.52.00</i>
<i>31-45</i>	<i>3-33-0</i>	600	<i>5-06-30</i>	<i>4.38.30</i>
		700	<i>11-0</i>	<i>4.30.00</i>
		800	<i>15-0</i>	<i>4.20.00</i>
		900	<i>18-30</i>	<i>4.15.00</i>
		1000	<i>21.30</i>	<i>4.9.00</i>
		1100	<i>25.30</i>	<i>4.3.30</i>
		1200	<i>30-0</i>	<i>3-57-40</i>
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. 1758 Year Date Feb 12<sup>th</sup> 1889

Sigsbee Machine. \* Reel. 2

Turns 780 Cor. + 45- Depth 825-

~~Shot~~ or lead 35. lb

Bottom gn M.

Bottom temperature 40.5

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 40.5

Air 67 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 6.9.30	6.27.40	0		
6.10.40	6.27.00	100		
6.11.30	6.26.30	200		
6.12.30	6.25.40	300		
6.13.40	6.25.00	400		
6.14.20	6.24.00	500		
6.15.00	6.23.10	600		
6.16.40	6.22.00	700		
6.17.00	6.21.30	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

Wm. J. H.

No. 17591431 Date Feb 12<sup>th</sup> 1889

Sigsbee Machine. Reel. # 2

Turns 857 Cor. + 60 Depth 917

Shot or lead 35 lbs

Bottom gn M.

Bottom temperature 40.

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 40.

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P.M.

7.15.00	7.34.20
7.16.20	7.33.30
7.17.30	7.32.00
7.18.30	7.31.00
7.19.40	7.29.40
7.21.00	7.28.50
7.22.00	7.27.00
7.23.00	7.25.00
7.24.00	7.26.00
7.24.40	7.25.00

C. J. H. 1. 35 lbs

1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
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.

Laut. 13.

No. 76. 1760 Date Feb. 12" 1889  
Sigsbee Machine. 2 Reel.

Turns 840 Cor. + 59 Depth 899

Shot or lead 35 lb

Bottom gn. M.

Bottom temperature 39.8

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 39.8

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

P. M.

8. 21. 10	38. 15	0		
22. 10	37. 35	100		
23. 00	37. 00	200		
23. 50	36. 15	300		
24. 45	35. 35	400		
26. 10	34. 50	500		
27. 10	34. 00	600		
28. 20	33. 10	700		
29. 35	32. 00	800		
30. 30	31. 30	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

*Feb. 12*

No. *1761* Date *Feb. 12 1889*

*Sigsbee* Machine. Reel.

Turns *385* Cor. + *31* Depth *416*

Shot or lead *35 lbs.*

Bottom *bk. s.*

Bottom temperature *41.*

No. of Thermometer *61588* Cor.  $\pm 0$

Corrected temperature *41*

Air *62* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		DOWN.	UP.
<i>9. 22. 00</i>	<i>31. 30</i>	<i>0</i>		
<i>23. 30</i>	<i>30. 35</i>	<i>100</i>		
<i>24. 50</i>	<i>29. 40</i>	<i>200</i>		
<i>25. 55</i>	<i>28. 50</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. <sup>d</sup> TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Cor. Table #2 Rub.

Cor.	Inns	Cor.	Inns	Cor.	Inns
0	50	33	1550	113	3050
0	100	35	1600	116	3100
1	150	37	1650	120	3150
1	200	39	1700	124	3200
2	250	41	1750	128	3250
3	300	43	1800	132	3300
4	350	45	1850	136	3350
4	400	47	1900	140	3400
5	450	49	1950	144	3450
6	500	51	2000	148	3500
7	550	53	2050	151	3550
8	600	56	2100	155	3600
9	650	59	2150	159	3650
10	700	62	2200	163	3700
11	750	65	2250	167	3750
12	800	68	2300	171	3800
13	850	71	2350	175	3850
14	900	74	2400	179	3900
15	950	77	2450	183	3950
17	1000	80	2500	187	4000
19	1050	83	2550	192	4050
21	1100	86	2600	197	4100
22	1150	89	2650	202	4150
23	1200	92	2700	207	4200
24	1250	95	2750	211	4250
25	1300	98	2800	217	4300
27	1350	101	2850	221	4350
29	1400	104	2900		
30	1450	107	2950		
31	1500	110	3000		

No of turns on Reel 3500

Cosection. 148.

$$\begin{array}{r} 3500 \\ 385 \\ \hline 3115 \end{array}$$

$$\begin{array}{r} 148 \\ 117 \\ \hline 31 \\ 148 \\ 88 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 8500 \\ 780 \\ \hline 8780 \end{array}$$

$$\begin{array}{r} 780 \\ 45- \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ 95 \\ \hline 45- \end{array}$$

$$\begin{array}{r} 200/48 \\ 30 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 825-40 \end{array}$$

Summed at 11.13. 14.50  
10-52 hrs section 98.

$$\begin{array}{r} 857 \\ 60 \\ \hline 917 \end{array}$$

$$\begin{array}{r} 3500 \\ 850 \\ \hline 2650 \end{array}$$

$$\begin{array}{r} 3500 \\ 3600 \\ \hline 3140 \end{array}$$

$$\begin{array}{r} 3500 \\ 481 \\ \hline 2939 \end{array}$$

$$\begin{array}{r} 8500 \\ 857 \\ \hline 2643 \end{array}$$

$$\begin{array}{r} 148 \\ 140 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 48 \\ 48 \\ \hline 96 \end{array}$$

Red Rock fish 1111  
White fish 111

$$\begin{array}{r} 148 \\ 106 \\ \hline 42 \\ 400 \end{array}$$

$$\begin{array}{r} 221 \\ 183 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 3500 \\ 221 \\ \hline 3279 \\ 400 \\ \hline 3950 \end{array}$$

$$\begin{array}{r} 50 \\ 48 \\ \hline 60 \\ 148 \\ \hline 60 \end{array}$$