

N<sup>o</sup>-7-

Jan'y 16<sup>th</sup> 1889

Jan'y 26<sup>th</sup> 1889-

D<sup>r</sup> 2919 to 2934.

Hy<sup>d</sup> 1622 to 1706.

Abb.	Meaning	Abb.	Meaning.
C	Clay	crs.	coarse
Co.	Coral	fine	fine
For.	Foraminifera	hard	hard
G.	Gravel	lgs	large
Glob.	Globigerina	rky	rocky
M.	Mud.	sft	soft
O.	Ooze	sm	small
P.	Pebbles	stk	sticky
Pter	Pteropods	stf	stiff
R.	Rock	blk	black
S.	Sand	br	brown
Sh.	Shells.	blu	blue
		choc	chocolate
		dk	dark
Sp.	Specks.	gn	green
		gy	gray
St.	Strones	lt	light
		rd	red
		slat	slate
		wh.	white
brk	broken	yl	yellow

# Tanner Machine

On Reel 400 fathoms wire.

15 to 30

+1

31 to 60

+2

61 to 90

+3

91 to 130

+4

131 to 200

+5

201 to 275

+6

276 to 360

+7

361 to 450

+8

No. Hyd. 1622 Date Jan 16<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 330 Cor. + 7 Depth 337

Shot or lead 25 lbs.

Bottom, S. b.

Bottom temperature 42.9

No. of Thermometer 61594 Cor. +1

Corrected temperature 43.

Air 56 Surface 59 Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 M				
5. 40. 00		0		
40. 50		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cable stopped



	2500	
	2600	
	2700	
	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. *Hyd 1623* Date *Jan 16 1889**Sigsbee* Machine. 2 Reel.Turns *665* Cor. + *48* Depth *713*~~Shot or lead~~ *38 lbs*Bottom *gy M.*Bottom temperature *38*No. of Thermometer *61594* Cor.  $\pm 0$ Corrected temperature *38*Air *56* Surface *59* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M. 648.00</i>	<i>12.05</i>	0		
<i>49.30</i>	<i>11.10</i>	100		
<i>50.40</i>	<i>10.25</i>	200		
<i>52.15</i>	<i>9.35</i>	300		
<i>53.30</i>	<i>8.45</i>	400		
<i>55.15</i>	<i>7.45</i>	500		
<i>56.50</i>	<i>7.06 00</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

*C.F.P.*

No. *Hy. 16 24* Date *July 16<sup>th</sup> 89*

*Sigsbee* Machine. Reel *4 2*

Turns *416* Cor. + *33* Depth *449*

Shot or lead *38 lbs*

Bottom *Rky*

Bottom temperature *40.8*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *40.8*

Air *57* Surface *59* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W</i>				
<i>8-41-30</i>	<i>55-30</i>	<i>0</i>		
<i>44-0</i>	<i>54-30</i>	<i>100</i>		
<i>45-0</i>	<i>53-35</i>	<i>200</i>		
<i>46-30</i>	<i>52-10</i>	<i>300</i>		
<i>48-0</i>	<i>52</i>	<i>400</i>		
<i>48-45</i>	<i>8-51-0</i>	<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

507  
*W.P.*

No. *Hy 1625* Date *Jan'y 16/89.*  
*Sigsbee* Machine. Reel. # *2*

Turns *172* Cor. + *14* Depth *186*  
 Shot or lead *38 lbs.*

Bottom *gy. S.*

Bottom temperature *46.2*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *46.3*

Air *57* Surface *59* Drift.

Trawl or dredge or tangles

*P. W.*

SOUNDING WIRE.

TURNS.

*P. W.*

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-48-30</i>	<i>55-15</i>	<i>0</i>		
<i>49-25</i>	<i>54-10</i>	<i>100</i>		
<i>50-10</i>	<i>9-52-15</i>	<i>72</i> <del><i>200</i></del>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.



507  
*A.P.*

No. *Hy 1626* Date *July 16/89*  
*Sigsbee* Machine. Reel. *#2*

Turns *71* Cor. + *6* Depth *77*

Shot or lead *38 lbs.*

Bottom *gy S.*

Bottom temperature *51*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *51.1*

Air *57* Surface *58* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-30-0</i>	<i>35-45</i>	<i>0</i>		
<i>31-15</i>	<i>10-32,30</i>	<i>71</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.

No. *Hy. 1627* Date *Jan'y 16/89.*

*Sigsbee* Machine. Reel. *#2*

Turns *163* Cor. + *13* Depth *176*

Shot or lead *38 lbs*

Bottom *gy. S.*

Bottom temperature *46.5*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *46.6*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-8-15</i>	<i>16-10</i>	0		
<i>10-15</i>	<i>14-40</i>	100		
<i>11-45</i>	<i>11-13-30</i>	<i>76</i> <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.

507  
*W.P.*

No. *Hy 1628* Date *Jan. 16/89.*

*Sigsbee* Machine. Reel. *#2*

Turns *358* Cor. + *28* Depth *386*

Shot or lead *38 lbs.*

Bottom *gy. S.*

Bottom temperature *42.2*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *42.2*

Air *54* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. W.</i> 11-57-45	<i>P. W.</i> 8-25	0		
59-15	7-50	100		
12-0-45	6-50	200		
2-0	5-0	300		
2-45	12-4-30	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.

W.M.H.  
14 2/27

No. 1629 Date Jan 17-1889  
 Sigsbee Machine. Reel. No. 2  
 Turns 276 Cor. + 19 Depth 295-

Shot or lead 35 lb

Bottom Rky.

Bottom temperature 44.6

No. of Thermometer 61594 Cor. +.1

Corrected temperature 44.7

Air 56 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.4.50	1.21.18	0		
1.5.30	1.20.20	100		
1.6.35	1.19.10	200		
1.8.00	1.18.30	176 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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. 2919 Date Jan 17 "1889

Sigsbee Machine. 2 Reel.

Turns 920 Cor. + 64 Depth 984

Shot or lead 38 lb

Bottom gy M.

Bottom temperature 38

No. of Thermometer 61594 Cor.  $\pm 0$

Corrected temperature 38

Air 55 Surface 59 Drift. 2 m  $\frac{1}{2}$  E

Trawl or dredge or tangles Large Beam

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

h. m.	DOWN.	UP.	TURNS.	DOWN.	UP.
5.52.30		19.35	0	6.28.20	40-0
Light blown out		18.50	100	34.40	38-45
55.50		18.10	200	38.10	35-40
57.40		17.25	300	42.15	32-30
59.20		16.40	400	45.20	29-0
6.00.25		15.50	500	48.10	25-40
01.35		15.00	600	51.15	22-45
02.45		14.05	700	54.10	20-0
04.05		13.00	800	58.00	16-30
5.25		11.25	900	7.1.55	13-25
			1000	6.00	10-0
			1100	10.10	8.05
			1200	14.10	4.15
			1300	19.20	8.00.25
			1400	23.40	55.50
			1500	28.00	7.51.15
			1600		
			1700		
			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.

60  
 1500  
 23

007

No. *H. 1630* Date *Jan 17 / 89.*

*Sigsbee* Machine. Reel. *#2*

Turns *144* Cor. + *12* Depth *156*

Shot or lead *38 lbs.*

Bottom *gy S.*

Bottom temperature *48.6*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *48.7*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-26-0</i>	<i>32-30</i>	0		
<i>27-0</i>	<i>30-15</i>	100		
<i>27-45</i>	<i>28-50</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.

607  
A.P.

No. 44 1631 Date *Jan 17/89*  
 Tanner Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead 25 lbs.

Bottom *M.S. k.*

Bottom temperature 54.2

No. of Thermometer 61595 Cor. +.1

Corrected temperature 54.3

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*New*  
 9-50-0

9-55-10

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

10 Fishing lines put over the side.  
 Caught 9 Red Rock Fish  
 white  
 Stuffed to  
 Fish at  
 9.57 A.M.

	2500	
	2600	
	2700	
	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.P.*  
1007

No. *Hy 1632* Date *Jan. 14/89*  
 Vanner: Machine. Reel.

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

Shot or lead *25 lbs.*

Bottom *sh. s + ls.*

Bottom temperature *58.5*

No. of Thermometer *61594* Cor. + *1*

Corrected temperature *58.6*

Air *57* Surface *59* Drift.

Trawl or dredge or tangles *~~~~~*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 39.30</i>	<i>10.40.45</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*10 Fishing lines on side*

*15 white Fish*

*5 Red Rock "*

*2 Flat of ends*

*~~~~~*

2500  
 2600  
 2700  
 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  
C.H.P.

No. *Hy 1633*

Date *July 17/89*

*Tanner*

Machine

Reel

Turns *41* Cor. + *2* Depth *43*

Shot or lead *25 lb.*

Bottom *fine S + G.*

Bottom temperature *none taken*

No. of Thermometer *---* Cor.

Corrected temperature *---*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles *---*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*11-27-0*

*11-29-30*

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

*Trawling from ship  
10 lines out.*

*1 Blue-tail  
1 yellow-tail  
2 Blue-rook  
1 white-fish*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

W.M.H.  
507  
D. Del. 91

No. 2920

Date Jan 17<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 84 Cor. + 9 Depth 87

Shot or lead

Bottom <sup>lyk</sup> gy. S. H. sh.

Bottom temperature 50.0

No. of Thermometer 61594 Cor. +.1

Corrected temperature 50.1

Air 59 Surface 60 Drift.

Trawl or dredge or tangles Ships & tangle

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.30.10	12.32.40	0	12.37.10	1.5.30
12.31.05	12.31.20	100	12.43.5	1.9.40
		200	12.45.10	1.1.20
		150	12.50.10	1.00
		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.

W. 1907 H

No. 2921 Date January 17<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 140 Cor. + 5 Depth 145

Shot or lead 25 lbs

Bottom fine gy S.

Bottom temperature 51.4

No. of Thermometer 61594 Cor. +.1

Corrected temperature 51.5

Air 59 Surface 60 Drift.

Trawl or dredge or tangles Skins

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0.77 1.5.46	1.10.10	0	1.15.10	1.51.20
1.6.120	1.07.30	100	1.18.00	1.47.05
1.6.0.30	1.6.0.30	200	1.24.10	1.44.20
		250	1.28.10	1.43.30
		300	1.32.10	1.42.10
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.  
 607  
 H. 4000

No. 1634 Date January 17<sup>th</sup> 1899  
 Janm Machine. Reel.

Turns 44 Cor. + 2 Depth 46

Shot or lead 25 lbs

Bottom gy. S.

Bottom temperature 54.

No. of Thermometer 61594 Cor. +.1

Corrected temperature 54.1

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
2.03.00	2.05.10	0		
2.04.09	2.04.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

W.M.H.  
607

1889

No. 1635

Date January 17<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44

~~Shot or lead~~ 25 lbs

Bottom Rky.

Bottom temperature 55.3

No. of Thermometer 61594 Cor. +.1

Corrected temperature 55.4

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 14.30	2. 15.30	0		
2. 14.40	2. 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.

W. M. H.  
507

No. *Hyaw. 1636* Date *January 17<sup>th</sup> 1899*

*Tanner* Machine. Reel.

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

~~Shot or lead~~ *25 lbs*

Bottom *gy S. M. Spi Cr.*

Bottom temperature *54.8*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *54.9*

Air *64* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.24.35</i>	<i>2.26.00</i>	0		
<i>2.25.10</i>	<i>2.25.10</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		

Fishing from ship & hauls out, net fish  
 fished for 10. minutes

	2500	
	2600	
	2700	
	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.  
607

No. *1637* Date *Jan. 17<sup>th</sup> 1889*

*Tanner* Machine. Reel.

Turns *46* Cor. + *2* Depth *48*

~~Shot or lead~~ *25-lb*

Bottom *Co. + Bk. Sh.*

Bottom temperature *54.6*

No. of Thermometer *615-94* Cor. *+ .1*

Corrected temperature *54.7*

Air *64* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M. 2.57.05</i>	<i>3.01.30</i>	0		
<i>3.00.0</i>	<i>3.00.00</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.

W.M.H.  
507

No. *1638*

Date *January 17-89*

*Tanner* Machine. Reel.

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

Shot or lead *25 lbs*

Bottom *NK S' bk sh*

Bottom temperature *55.2*

No. of Thermometer *61594* Cor. + *1*

Corrected temperature *55.3*

Air *64* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>3.12.30</i>	<i>3.14.10</i>	0		
<i>3.13.10</i>	<i>3.13.30</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	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.  
607

No. 1639

Date January 17<sup>th</sup> 1889

Sanner Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 25 lbs

Bottom gy S. brk sh

Bottom temperature 59.3

No. of Thermometer 61594 Cor. +.1

Corrected temperature 59.4

Air 64 Surface ~~59~~ 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		DOWN.	UP.
3.21.40	3.23.00	0		
3.22.00	3.22.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Fishing from ship. 9 lines, commenced  
 to fish at 3.30 and stopped at 4.00  
 catch.

Total 36  
 White fish 22  
 Red fish 11  
 Flat heads 3

	2500	
	2600	
	2700	
	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  
*507*  
*1889*

No. *1640* Date *Jan 17 1889*

*Hand lead* Machine. Reel.

Turns Cor. + Depth *11 fms.*

Shot or lead

Bottom *Rky*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>4. 16. 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		

*4 yellow Tails*  
*1 fat head*  
*1 black rocks*

	2500	
	2600	
	2700	
	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. B. Y. A. P.*

No. *2922* Date *Jan. 17/89*

Tanner Machine. Reel

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

Shot or lead *25 lbs*

Bottom *fine gy s.*

Bottom temperature *57*

No. of Thermometer *61594* Cor. *+1*

Corrected temperature *57.1*

Air *60* Surface *59* Drift *1/2 m NNE*

Trawl or dredge or tangles *Ship's Dredge*

## SOUNDING WIRE.

D.M. DOWN.

UP.

*5.00 50**2.10*

## TURNS.

*P. W.* DOWN.

UP.

*0**5-10-0**25-30**100<sup>70</sup>**5-14-30**5-21-0*

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.

No. 1641 Date Jan 17<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 49 Cor. + 2 Depth 51

~~Shot~~ or lead 25 lbs

Bottom R. gy S. brk sh

Bottom temperature 54.4

No. of Thermometer 61594 Cor. +.1

Corrected temperature 54.5

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

P.M. DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

5. 29. 00

31. 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Put over 4 lines  
Caught - nothing

	2500	
	2600	
	2700	
	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. F. B.*

No. *Kyd 1642* Date *Jan 17<sup>th</sup> 1889*

*Imm* Machine. Reel.

Turns *109* Cor. + *4* Depth *113*

Shot or lead *25 lbs.*

Bottom *gy S. G.*

Bottom temperature *49*

No. of Thermometer *61594* Cor. + *1*

Corrected temperature *49.1*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.m.</i>				
<i>6.5. 15</i>	<i>8. 15</i>	<i>0</i>		
<i>6. 15</i>	<i>6. 25</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.

20413

No. *N. 1643* Date *Jan 17 "1889**Sigsbee* Machine. *2* Reel.Turns *161* Cor. + *13* Depth *174*~~Shot or lead~~ *38 lbs.*Bottom *R.*Bottom temperature *46.8*No. of Thermometer *61594* Cor. *+ .1*Corrected temperature *46.9*Air *57* Surface *58* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>07m</i>				
<i>6.30.10</i>	<i>34.50</i>	0		
<i>31.10</i>	<i>33.50</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1644* Date *Jan 17 1889**Sigsbee* Machine. Reel.Turns *142* Cor. + *11* Depth *153*Shot or lead *38 lbs.*Bottom *gy. s.*Bottom temperature *47.3*No. of Thermometer *61594* Cor. *+1*Corrected temperature *47.4*Air *57* Surface *58* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

P.M. DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*7.3.40**7.25*

0

*4.15**6.30*

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.

507  
*St. F. B.*

No. *N. 1645* Date *Jan 17" 1889*

*Sigsbee* Machine. *2* Reel.

Turns *98* Cor. + *8* Depth *106*

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

Bottom *gy. s. brk. sh. + g.*

Bottom temperature *50*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *50.1*

Air *55* Surface *57* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0. 71</i>				
<i>7. 50. 40</i>	<i>55. 30</i>	<i>0</i>		
		<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

507  
*[Signature]*

No. 1646 Date Jan 17/89  
 Sigbee Machine. Reel. #2

Turns 55 Cor. + 4 Depth 59

Shot or lead 38 lbs.

Bottom gy. S.

Bottom temperature 53.3

No. of Thermometer 61594 Cor. +.1

Corrected temperature 53.4

Air 55 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*P. 0. W.*  
 8-45-15  
 46-10

49-35  
 8-47-30

TURNS.

DREDGE ROPE.

DOWN.

UP.

0  
 55  
 100  
 200  
 300  
 400  
 500  
 600  
 700  
 800  
 900  
 1000  
 1100  
 1200  
 1300  
 1400  
 1500  
 1600  
 1700  
 1800  
 1900  
 2000  
 2100  
 2200  
 2300  
 2400

*[Handwritten mark]*

2500

2600

2700

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.

6071  
*AP*

No. *Hy 1647* Date *Jan 17/89.*

*Sigsbee* Machine. Reel. # *2*

Turns *226* Cor. + *17* Depth *243*

Shot or lead *38 lbs*

Bottom *gy S*

Bottom temperature *55.5*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *55.4*

Air *56* Surface *58* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-17-0</i>		0		
<i>19-0</i>		100		
<i>21-20</i>		200		
<i>22-0</i>	<i>9-24-30</i>	<i>26</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.

507  
*[Handwritten initials]*

No. *Hy. 1648* Date *Jan'y 17/89*

*Sigsbee* Machine. Reel. # *2*

Turns *460* Cor. + *35* Depth *495*

Shot or lead *38 lbs*

Bottom *Gr. m.*

Bottom temperature *40.2*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *40.3*

Air *56* Surface *58* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W.</i> <i>10-17-45</i>	<i>10-52-30</i>	0		
<i>19-25</i>		100		
<i>20-45</i>		200		
<i>22-15</i>		300		
<i>24-45</i>		400		
<i>25-0</i>	<i>10-27-30</i>	<del>500</del> <i>60</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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

SERIAL TEMPERATURE.

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

REMARKS.

*Handwritten initials/signature*

No. *Hyd. 1649* Date *Jan'y 17/89*  
*Digbee* Machine. Reel. # *2*

Turns *572* Cor. + *42* Depth *614*

Shot or lead *38 lbs.*

Bottom *brv. sh*

Bottom temperature *39.4*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *39.4*

Air *56* Surface *58* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-25-0</i>	<i>43-0</i>	0		
<i>26-30</i>		100		
<i>28-15</i>		200		
<i>30-0</i>		300		
<i>31-30</i>		400		
<i>33-0</i>		500		
<i>34-30</i>	<i>11-37-30</i>	<del>600</del> <i>72</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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. 1887 11

No. <sup>Hyd.</sup> 1650

Date Jan. 18-1889

Sigsbee Machine. Reel. A 2

Turns 835 - Cor. + 57 Depth 892

Shot or lead 35 lb

Bottom M.

Bottom temperature 39.

No. of Thermometer 61594 Cor. ± 0

Corrected temperature 39

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

12.31.20

12.56.40

0

12.32.04

12.55.40

100

12.34.35

12.54.40

200

12.36.30

12.53.20

300

12.37.40

12.52.00

400

12.39.00

12.50.30

500

12.40.30

12.48.40

600

12.41.40

12.47.00

700

12.42.30

12.45.50

800

12.43.00

12.43.50

835  
900

1000

1100

1200

1300

1400

1500

1600

1700

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.  
507

No. *Hy. 1651* Date *January 18-1889*  
*Tanner* Machine. Reel. *#2*

Turns *303* Cor. + *7* Depth *310*

~~Shot or lead~~ *25 lbs*

Bottom *M.*

Bottom temperature *43.4*

No. of Thermometer *61594* Cor. *+1*

Corrected temperature *43.5*

Air *55* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*1.55.35* - *2.3.20*

*1.56.20* *2.2.40*

*1.57.10* *2.1.40*

*1.58.30* *1.59.55*

*1.58.50* *1.59.00*

0  
100  
200  
300  
310  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

W. H. H.

No. *Hg. 1652* Date *January 18-89*  
*Tanner* Machine. Reel.

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

~~Shot or lead~~ *25 lbs*

Bottom *fm Gy S.*

Bottom temperature *54.*

No. of Thermometer *61594* Cor. *+ .1*

Corrected temperature *54.1*

Air *55* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

*a.m.*

DOWN.

UP.

DOWN.

UP.

*2.26.10* *2.28.50*

*2.26.55* *2.27.00*

*0*  
*45.*  
*100*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



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

SERIAL TEMPERATURE.

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

REMARKS.

*Sect. B.*

No. *1653* Date *Jan 18* 1889

*Sigsbee* Machine. *2* Reel.

Turns *433* Cor. + *31* Depth *464*

Shot or lead *38 lbs.*

Bottom *br. S. G.*

Bottom temperature *40.8*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *40.8*

Air *59* Surface *59* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>P. M.</i> DOWN.	UP.		DOWN.	UP.
<i>2.31.50</i>	<i>44.50</i>	0		
<i>33.10</i>	<i>44.00</i>	100		
<i>36.20</i>	<i>43.15</i>	200		
<i>37.50</i>	<i>42.40</i>	300		
<i>39.05</i>	<i>41.45</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507  
20073

No. *N. 1654* Date *Jan 18 1889*

*Sigsbee* Machine. *2* Reel.

Turns *887* Cor. + *63* Depth *950*

Shot or lead *38 lbs.*

Bottom *gn. G.*

Bottom temperature *39*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *39*

Air *64* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3. 24 50</i>	<i>51. 40</i>	0		
<i>26. 35</i>	<i>50. 40</i>	100		
<i>27. 50</i>	<i>49. 40</i>	200		
<i>29 10</i>	<i>48. 35</i>	300		
<i>31. 30</i>	<i>47. 30</i>	400		
<i>31. 45</i>	<i>46. 25</i>	500		
<i>33. 00</i>	<i>45. 15</i>	600		
<i>34. 15</i>	<i>44. 00</i>	700		
<i>35. 40</i>	<i>42. 40</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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. *Hed 1653* Date *Jan 18-1889*

*Sigsbee* Machine. Reel. *N 2*

Turns *864* Cor. + *60* Depth *924*

Shot or lead *38 lbs*

Bottom *M.*

Bottom temperature *39.*

No. of Thermometer *615-94* Cor.  $\pm 0$

Corrected temperature *39*

Air *67* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> 5:05.00	5:22.00	0		
5:07.00	5:21.20	100		
5:09.20	5:20.55	200		
5:10.10	5:20.10	300		
5:11.20	5:19.40	400		
5:12.10	5:19.00	500		
5:13.20	5:18.00	600		
5:14.18	5:17.20	700		
5:14.30	5:16.20	800		
5:15.00	5:15.20	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

*CPD*

No. *Hyd 1656* Date *Jan'y 18/89*  
*Sigsbee* Machine. Reel. # *2*  
 Turns *715* Cor. + *51* Depth *766*  
 Shot or lead *38 lbs.*  
 Bottom *gy. S.*  
 Bottom temperature *39.2*  
 No. of Thermometer *61594* Cor.  $\pm 0$   
 Corrected temperature *39.2*  
 Air *59* Surface *59* Drift.  
 Trawl or dredge or tangles \_\_\_\_\_

*P. dw*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-39-15</i>	<i>7-0-0</i>	0		
<i>41-0</i>		100		
<i>42-50</i>		200		
<i>44-30</i>		300		
<i>45-30</i>		400		
<i>46-50</i>		500		
<i>47-50</i>		600		
<i>49-20</i>		700		
<i>50-30</i>	<i>6-51-15</i>	<i>715</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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. K.

Hyd. No. 1657 Date January 18<sup>th</sup> 1889  
Sigsbee Machine. Reel. # 2  
Turns 4150 Cor. + 35- Depth 485-

Shot or lead 38 lbs

Bottom M,

Bottom temperature 40.7

No. of Thermometer 61594 Cor. ± 0

Corrected temperature 40.7

Air 38 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
	8.15.10	0		
	8.16.20	100		
	8.17.30	200		
	8.18.35	300		
	8.19.30	400		
	8.20.00	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL 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. <sup>Hyd.</sup>

No. 1658

Date January 18<sup>th</sup> 89

Sigsbee Machine.

Reel. # 2.

Turns 520 Cor. + 40 Depth 560

~~Shot or lead~~ 38 lbs

Bottom M.

Bottom temperature 40.

No. of Thermometer 61594 Cor.  $\pm 0$ 

Corrected temperature 40.

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
9.42.30	10.04.20	0		
9.43.20	10.03.10	100		
9.45.00	10.02.20	200		
9.48.20	10.01.00	300		
9.49.50	10.00	400		
9.50.30	9.59.00	500		
9.51.00	9.58.30	520		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.  
507

No. 1659 Date January 18<sup>TH</sup> 1889

Sigsbee Machine. Reel. #2

Turns 512 Cor. + 39 Depth 552

~~Shot or lead~~ 38 lbs

Bottom M.

Bottom temperature 39.8

No. of Thermometer 61594 Cor. ± 0

Corrected temperature 39.8

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.m. 11.15.30	11.25.30	0		
11.16.10	11.24.30	100		
11.17.20	11.23.10	200		
11.18.00	11.22.20	300		
11.19.10	11.23.10	400		
11.20.30	11.22.30	500		
11.21.10	11.21.50	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

*part 13*

No. *H. 1660* Date *Jan. 19" 1889*

*Sigsbee* Machine. Reel.

Turns *394* Cor. + *32* Depth *426*

Shot or lead *38 lbs*

Bottom *gy oz*

Bottom temperature *40.7*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *40.7*

Air *36* Surface *50* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.77</i>				
<i>12.45.50</i>	<i>.01.50</i>	<i>0</i>		
<i>47.10</i>	<i>01.05</i>	<i>100</i>		
<i>48.25</i>	<i>1.00.15</i>	<i>200</i>		
<i>49.35</i>	<i>59.15</i>	<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		



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

SERIAL TEMPERATURE.

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

REMARKS.

507  
*W. H. B.*

No. *H. 1661* Date *Jan. 19<sup>th</sup> 1889*

*Sigsbee* Machine. *2* Reel.

Turns *333* Cor. + *27* Depth *360*

Shot or lead *38 lbs.*

Bottom *gy. s.*

Bottom temperature *54.8*

No. of Thermometer *61594* Cor. *F 1*

Corrected temperature *54.9*

Air *56* Surface *59* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>a.m.</i>				
<i>2. 17. 30</i>	<i>27. 45</i>	<i>0</i>		
<i>18. 50</i>	<i>26. 45</i>	<i>100</i>		
<i>20. 20</i>	<i>25. 50</i>	<i>200</i>		
<i>21. 30</i>	<i>24. 45</i>	<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *H. 1662* Date *Jan. 19<sup>th</sup> 1889**Sigsbee* Machine. Reel.Turns *396* Cor. + *32* Depth *428*~~Shot or lead~~ *38 lbs -*Bottom *gn. M.*Bottom temperature *41.4*No. of Thermometer *61594* Cor.  $\pm 0$ Corrected temperature *41.4*Air *55* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*4.77*  
3. *42.50* *55.50* 0*44.00* *55.00* 100*45.00* *54.15* 200*46.05* *53.15* 300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

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.

6077

No. **2923** Date **July 19/89**

**Sigsbee** Machine. Reel. **# 2**

Turns **768** Cor. + **54** Depth **822**

Shot or lead **38 lbs.**

Bottom **gn dw**

Bottom temperature **39**

No. of Thermometer **61594** Cor. **± 0**

Corrected temperature **39**

Air **55** Surface **59** Drift. **1/2 mi. S.E.**

Trawl or dredge or tangles **Large Beam**

SOUNDING WIRE.

TURN<sup>s</sup>. **dw** DREDGE ROPE.

SOUNDING WIRE.		TURN <sup>s</sup> .	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<b>5-13-45</b>	<b>59-50</b>	0	<b>6-30-0</b>	<b>8.50.10</b>
<b>14-40</b>		100	<b>37-30</b>	<b>8.43.20</b>
<b>15-55</b>		200	<b>43-0</b>	<b>8.40.00</b>
<b>16-50</b>		300	<b>47-15</b>	<b>8.36.10</b>
<b>17-45</b>		400	<b>51-0</b>	<b>8.31.20</b>
<b>18-50</b>		500	<b>54-45</b>	<b>8.30.40</b>
<b>19-30</b>		600	<b>57-25</b>	<b>8.27.30</b>
<b>20-40</b>		700	<b>7-0-20</b>	<b>8.24.40</b>
<b>21-45</b>	<b>5-26-15</b>	<sup>68</sup> 800	<b>3-20</b>	<b>8.21.30</b>
		900	<b>7-0</b>	<b>8.18.20</b>
		1000	<b>10-0</b>	<b>8.15.10</b>
		1100	<b>14-0</b>	<b>8.11.20</b>
		1200	<b>18-0</b>	<b>8.08.20</b>
		1300	<b>21-40</b>	<b>58-30</b>
		1400	<b>25-0</b>	<b>48-0</b>
		1500	<b>27-45</b>	<b>7-57-45</b>
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

x 6 3/4 E/maz

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.

Judge

No. 2924

Date Jan 19<sup>th</sup> 1889

Sigsbee Machine. Reel. \* 2

Turns 2121 Cor. + 34 Depth 435-

Shot or lead 38 lb

Bottom br. M.

Bottom temperature 40.5

No. of Thermometer 61594 Cor. ± 0

Corrected temperature 40.5

Air 57 Surface 59 Drift. 2 1/2 m. S.E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.45.00	9.57.00	0	10.00	11.50.00
9.46.20	9.56.10	100	10.05.20	11.46.30
9.47.10	9.55.00	200	10.07.10	11.44.00
9.48.00	9.53.10	300	10.12.20	11.40.10
9.49.30	9.52.30	400	10.15.20	11.38.30
9.50.00	9.51.20	421	10.20.00	11.35.10
		500		
		600	10.23.10	11.32.00
		Started	10.28.10	
		700	10.30.00	11.08.20
		Started	10.32.20	
		800	10.35.00	10.59.20
		Started	10.39.20	
		900	10.41.00	10.53.30
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Started to pay out wire at 700 fms and went to 800 at 11.00 and held on 10 mins. Then hauled in again at 11.30, 600 fms at 11.32, (800 fms at 11.32) at 11.32 a.m. maximum.



2500

2600

2700

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. Judge *W. M. H.*

No. 29255

Date January 19<sup>th</sup> 1889

Sigsbee Machine. Reel. # 2

Turns 313 Cor. + 26 Depth 339

Shot or lead 38 lbs

Bottom M.

Bottom temperature 42.8

No. of Thermometer 61594 Cor. +.1

Corrected temperature 42.9

Air 56 Surface 59 Drift. 2 m  $E\frac{1}{2} S$

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.52.10	12.06.00	0	12.10.00	08.40
11.53.30	12.05.10	100	14.50	05.15
11.55.20	12.04.00	200	17.50	1.02.25
11.57.10	12.03.40	300	21.15	59.30
11.57.40	12.03.10	340 <sup>3</sup>	24.40	56.15
		500	27.20	53.00
		600	29.35	49.00
		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.

No. 2926 Date Jan 19<sup>th</sup> 1889  
 Tanner Machine. Reel.

Turns 66 Cor. + 3 Depth 69

Shot or lead 25

Bottom fine gy S.

Bottom temperature 54.3

No. of Thermometer 61594 Cor. +.1

Corrected temperature 54.4

Air 63 Surface 62 Drift. 1/2 m. N 64 W

Trawl or dredge or tangles Large Beans

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		P. M. DOWN.	UP.
1.45.00	46.50	0	1.48.00	17.00
		100	53.50	2.13.45
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

617

No. 2927 Date Jan 23<sup>d</sup> / 89  
 Sigbee Machine. Reel. #2

Turns 290 Cor. + 33 Depth 313

Shot or lead 38 lbs.

Bottom gn. M.

Bottom temperature 43.2

No. of Thermometer 61594 Cor. +.1

Corrected temperature 43.3

Air 56 Surface 58 Drift. 1.2m. 9-1/2 mag.

Trawl or dredge or tangles Large Beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-14-30	22-0	0	11-25-20	12.35.00
15-45	21-0	100	29-15	12.32.30
16-45	20-25	200	34-25	12.30.30
17-45	11-19-25	300	37-40	12.26.10
		400	41-30	12.24.30
		500	10/5-40	12.20.20
		600	36 47-10	12.18.00
		700	19.50-25	12.14.30
		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.

W.M. <sup>507</sup> *Hyman*

No. 1663.

Date *January 28<sup>th</sup> 1889*

*Sigsbee* Machine. Reel. \* *12*

Turns *364* Cor. + *31* Depth *395*

~~Shot or lead~~ *38 lbs*

Bottom *Rky.*

Bottom temperature *41.6*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *41.6*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*P.M.*

*1.28.10* *1.37.50*

0

*1.29.30* *1.37.00*

100

*1.30.20* *1.36.20*

200

*1.31.30* *1.35.00*

300

*1.32.00* *1.34.20*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

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. D. Wash

No. 2928

Date January 23-89

Sigsbee

Machine.

Reel. # 2

Turns 386 Cor. + 31

Depth 417

Shot or lead 38 lb

Bottom H.S. &

Bottom temperature 41.

No. of Thermometer 61594 Cor. ± 0

Corrected temperature 41.

Air 58 Surface 59 Drift 7/10 m. W x S.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	P.M. UP.
2.30.20	2.41.20	0	2.44.0	4.13.30
2.32.10	2.39.20	100	2.46.30	4.10.30
2.33.40	2.38.00	200	2.50.20	4.8.20
2.35.00	2.37.50	300	2.54.30	4.5.30
2.36.10	2.37.10	400	2.57.20	4.3.10
		500	3.00.00	4.00.00
		600	3.5.10	3.57.30
		700	3.9.30	3.54.20
		800	3.12.30	3.51.30
		Started	3.23.11	
		900	3.24.20	3.48.30
		Started	3.26.30	
		1000	3.27.30	
		Started	3.33.00	
		1100	3.36.20	3.45.20
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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  
1889

No. *N.* 1664

Date *Jan.* 24<sup>th</sup> 1889

*Sigsbee* Machine. Reel. 72

Turns 203 Cor. + 16

Depth 219

~~Shot~~ or lead 38 lbs

Bottom R.

Bottom temperature 46.8

No. of Thermometer 61594. Cor. +.1

Corrected temperature 46.9

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i> 5. 08. 00	13. 50	0		
9. 35	13. 00	100		
10. 40	12. 10	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. *Hyd. 1665* Date *Jan. 24" 1889*

*Sigsbee* Machine. *2* Reel.

Turns *612* Cor. + *45* Depth *657*

Shot or lead *38 lbs*

Bottom *gy M.*

Bottom temperature *39*

No. of Thermometer *615924* Cor.  $\pm 0$

Corrected temperature *39*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>A.M.</i> DOWN.	UP.		DOWN.	UP.
<i>6.03.45</i>	<i>20.00</i>	0		
<i>.05.05</i>	<i>19.10</i>	100		
<i>.06.20</i>	<i>18.25</i>	200		
<i>.07.30</i>	<i>17.40</i>	300		
<i>.08.45</i>	<i>16.40</i>	400		
<i>10.00</i>	<i>15.40</i>	500		
<i>11.15</i>	<i>14.40</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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. B.*  
 No. *H. 1666* Date *Jan 24* 1889  
*Septer* Machine. *2* Reel.  
 Turns *571* Cor. + *42* Depth *613*  
 Shot or lead *38 lbs.*

Bottom *R. crs. gy. S.*

Bottom temperature *39.3*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *39*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>A.M.</i> DOWN.	UP.		DOWN.	UP.
<i>7. 13. 00</i>	<i>25. 30</i>	0		
<i>14. 00</i>	<i>24. 45</i>	100		
<i>15. 00</i>	<i>24. 00</i>	200		
<i>15. 55</i>	<i>23. 10</i>	300		
<i>16. 55</i>	<i>22. 10</i>	400		
<i>18. 00</i>	<i>20. 40</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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

SERIAL TEMPERATURE.

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

REMARKS.

No. *1664*Date *Jan 24 1889**Sigsbee*Machine. *2* Reel.Turns *754* Cor. + *53* Depth *807*Shot or lead *30 lb*Bottom *gn m.*Bottom temperature *39*No. of Thermometer *61594* Cor.  $\pm 0$ Corrected temperature *39*Air *59* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.17.20</i>	<i>87-10</i>	0		
<i>18.50</i>	<i>6-15</i>	100		
<i>20.00</i>	<i>5-20</i>	200		
<i>21.10</i>	<i>4-25</i>	300		
<i>22.20</i>	<i>3-20</i>	400		
<i>23.30</i>	<i>2-10</i>	500		
<i>24.40</i>	<i>1-20</i>	600		
<i>25.50</i>	<i>0-30-15</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.

007  
*[Signature]*

No. *Hy. 1668* Date *July 24<sup>th</sup> 89.*

*Sigsbee* Machine. Reel. *# 2*

Turns *529* Cor. + *40* Depth *569*

Shot or lead *38 lbs*

Bottom *gn. M.*

Bottom temperature *39.5*

No. of Thermometer *61594* Cor.  $\pm 0$

Corrected temperature *39.5*

Air *58* Surface *59* Drift.

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

*A.M.*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*9-27-45*  
*28-45*  
*29-45*  
*30-50*  
*32-0*  
*33-0*  
*33-40*

*40-0*  
*39-40*  
*39-0*  
*38-25*  
*37-20*  
*36-50*  
*9-35-30*

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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hyd. 1669* Date *Jan. 24<sup>th</sup> 89*  
*Sigsbee* Machine. Reel. *# 2*

Turns *223* Cor. + *18* Depth *241*

Shot or lead *38 lbs.*

Bottom *gd s.*

Bottom temperature *45*

No. of Thermometer *61594* Cor. *-.1*

Corrected temperature *45.1*

Air *58* Surface *59* Drift.

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

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-30-25</i>	<i>55-45</i>	0		
<i>31-25</i>		100		
<i>32-30</i>		200		
<i>33-0</i>	<i>10-34-0</i>	<i>20</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.

007  
C.H.P.

No. *Hyd. 1670* Date *Jan'y. 24<sup>th</sup> 1899*  
*Tanner* Machine. Reel.

Turns *54* Cor. + *2* Depth *56*

Shot or lead *25 lbs.*

Bottom *gy S Y brk Sh.*

Bottom temperature *56*

No. of Thermometer *61594* Cor. + *.1*

Corrected temperature *56.1*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

*N. de*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-54.45</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.

697

No. 141671

Date

Jan. 24<sup>th</sup> 89

Tanner

Machine.

Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 25 lbs.

Bottom bk. sh. & grav.

Bottom temperature 56

No. of Thermometer 61594 Cor. +.1

Corrected temperature 56.1

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

A. W.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11-14-45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

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  
~~507~~

No. *1672* Date *Jan 24<sup>th</sup> 1899*  
 Tanner Machine. Reel.

Turns *44* Cor. + *2* Depth *46*

Shot or lead *35 lbs*

Bottom *R. S. & Sh*

Bottom temperature *55.3*

No. of Thermometer *61594* Cor. + *1*

Corrected temperature *55.3*

Air *59* Surface *60* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>And</i>				
<i>11-44-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W. A. H. A.

No. 1673

Date Jan. 24. 1889

Tanner

Machine.

Reel.

Turns 104 Cor. + 4

Depth 108

Shot or lead 20

Bottom ~~gy. bk. sh.~~ gy. brk. sh.

Bottom temperature Thermometer broken

No. of Thermometer 61594 Cor.

Corrected temperature

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

P. M. DOWN.

UP.

DOWN.

UP.

12.03. 12.06.30

0

12.04.30 12.07.

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

By P. M. A. Thermometer 61594

	2500	
	2600	
	2700	
	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.

*Hydro*

No. 1674

Date Jan. 24<sup>th</sup> 1889

Tanner

Machine.

Reel.

Turns 80 Cor. + 3

Depth 83

Shot or lead 20

Bottom *yls. g.*

Bottom temperature 52.8

No. of Thermometer 50306 Cor. <sup>± 0</sup> no record of

Corrected temperature <sup>52.8</sup> *Correction sent from Wash. - jmt*

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. M.</i>				
12.28.30	12.30.10	0		
12.29.20	12.29.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

*W. H. H.*

No. 1675- Date Jan 24<sup>th</sup> 1889

Vanner Machine. Reel.

Turns 68 Cor. + 3 Depth 71

Shot or lead 20

Bottom ~~gy. S. bk. sh.~~ gy. S. bk. sh.

Bottom temperature 52.8

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 52.8

Air 59 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
12.45.30	12.49.00	0		
12.47.00	12.47.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

507  
W.M.A.

No. 1676

Date January 24. 89

Sanner

Machine.

Reel.

Turns 168 Cor. + 5

Depth 173

Shot or lead 20

Bottom gy S

Bottom temperature 52.8

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 52.8

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
1.04.20	1.9.020	0		
1.35.30	1.8.00	100		
1.6.00	1.6.30	200		
		300		
		400		
		500		
		600	1.4	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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.R.H. *man*

No. 1677.

Date January 24-89

Tanner

Machine.

Reel.

Turns 333 Cor. + 7

Depth 340

Shot or lead 20

Bottom *lv. m.*

Bottom temperature

No. of Thermometer 50306 Cor. }

Corrected temperature

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		DOWN.	UP.
1.22.40	1.32.30	0		
1.23.55	1.31.00	100		
1.25.00	1.29.20	200		
1.26.30	1.27.50	300		
1.27.00	1.27.00	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL 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. Hydur

No. 1678

Date January 24-89

Sigsbee Machine. Reel.

Turns 49 Cor. + 4 Depth 53

Shot or lead

Bottom gy S

Bottom temperature 54.9

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.9

Air 66 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

P.M. DOWN.

UP.

DOWN.

UP.

2.7.30 2.8.01

0

2.7.55 2.8.00

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.

W. P. H.

No.

1679

Date

Jan 24-89

Sanner

Machine.

Reel.

Turns 27 Cor. + 1

Depth 28

Shot or lead 20

Bottom R.A.

Bottom temperature 56.9

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56.9

Air 66 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

P. M. COMMENCED FISHING WITH HAND LINES AT 2.33. STOPPED FISHING AT 2.57

Catch

Yellow Lard 2

Total 18

Rock fish 9

White " 6

Flat Merg. 1

DOWN.	UP.	TURNS.	DOWN.	UP.
2.31.00	2.33.00	0		
2.31.50	2.32.00	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.

W.M. H. No. 1680

Date January 24<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead

Bottom ~~Platy, blue sh.~~ R. brk Sh.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

P.M. DOWN. 3/3

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.

*White*  
*Hydr*

No. *1681* Date *January 24, 89*  
Tanner Machine. Reel.

Turns *60* Cor. + *2* Depth *62*

Shot or lead *18 lbs*

Bottom *gy. S. sh. sh. S.*

Bottom temperature *55-*

No. of Thermometer *51.306* Cor. *± 0*

Corrected temperature *55-*

Air *64* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M. 3.34.00</i>	<i>3.32.00</i>	0		
<i>3.31.00</i>	<i>3.31.20</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.

W.H.T.

No. 1682

Date January 24. 89

Tanner

Machine.

Reel.

Turns 223 Cor. + 6

Depth 229

Shot or lead 18 lbs

Bottom R. S.

Bottom temperature 55

No. of Thermometer 50.306 Cor. ± 0

Corrected temperature 55

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
3.48.	3.56.00	0		
3.49.30	3.54.00	100		
3.50.40	3.52.40	200		
3.51.20	3.51.50	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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

SERIAL TEMPERATURE.

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

REMARKS.

Sect 13

No. *Hyd 1683* Date *Jan 24 1889**Tanner* Machine. Reel.Turns *148* Cor. + *5* Depth *153*Shot or lead *18 lbs.*Bottom *R.*Bottom temperature *47.4*No. of Thermometer *50306* Cor.  $\pm$  *0*Corrected temperature *47.4*Air *63* Surface *61* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>4.11.15</i>	<i>15.15</i>	<i>0</i>		
<i>12.05</i>	<i>13.30</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hyd. 1684* Date *Jan 24 1884*

*Tanner* Machine. Reel.

Turns *114* Cor. + *4* Depth *118*

Shot or lead *18 lbs*

Bottom *gy S*

Bottom temperature *47.4*

No. of Thermometer *50306* Cor. *±0*

Corrected temperature *47.4*

Air *63* Surface *61* Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>4.30.50</i>	<i>33.50</i>	<i>0</i>		
<i>31.45</i>	<i>32.20</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.

Jan 7/13

No. *Hyd 1685* Date *Jan 24<sup>th</sup> 1889*  
*Tanner* Machine. Reel.Turns *50* Cor. + *2* Depth *52*Shot or lead *18 lb*Bottom *S bk - Sh*Bottom temperature *47.4*No. of Thermometer *50306* Cor. *± 0*Corrected temperature *47.4*Air *63* Surface *61* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 77</i>				
<i>4. 49. 00</i>	<i>51. 55</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

107
 No. Hy. 1686 Date Jan'y. 24<sup>th</sup> 89

Sigsbee Tanner Machine. Reel.

Turns 55 Cor. + 2 Depth 55

Shot or lead 18 lbs

Bottom gy S + brk Sh.

Bottom temperature 47.5

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 47.5

Air 71 Surface 62 Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>5-6-45</u>		0		
<u>6-59</u>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. *H. 1687* Date *January 24<sup>th</sup> 1889*  
*Tanner* Machine. Reel.

Turns *122* Cor. + *4* Depth *126*

Shot or lead *18 lbs*

Bottom *gy s.*

Bottom temperature *47.4*

No. of Thermometer *50306* Cor. *±0*

Corrected temperature *47.4*

Air *71* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*PM* 5.24.10

27.30

0

25.10

26.00

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. *A* 1688Date Jan 24<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 94 Cor. + 4 Depth 98

~~Shot or lead~~ 25 lbs.

Bottom gy. S.

Bottom temperature 47.4

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 47.4

Air 71 Surface 62 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> 5. 46. 15	49. 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.

*Leitch*

No. *1689* Date *Jan 24 1889*  
*Tanner* Machine. Reel.

Turns *154* Cor. + *5* Depth *159*

Shot or lead *25 lbs*

Bottom *R.*

Bottom temperature *47.4*

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

Corrected temperature *47.4*

Air *61* Surface *59* Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

P. M. DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*6.6.55**11.25*

0

*7.45**9.20*

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.

No. *1690* Date *Jan 24" 1889*  
*Samner* Machine. Reel.

Turns *106* Cor. + *4* Depth *110*

Shot or lead *25 lbs.*

Bottom *gy. S.*

Bottom temperature *47.3*

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

Corrected temperature *47.3*

Air *61* Surface *59* Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		DOWN.	UP.
<i>6. 26. 20</i>	<i>29. 30</i>	0		
<i>27. 05</i>	<i>27. 15</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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

SERIAL TEMPERATURE.

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

REMARKS.

*Leah M. B.*  
 No. *H. 1691* Date *Jan. 24<sup>th</sup> 1889*  
*Tanner* Machine. Reel.

Turns *121* Cor. + *4* Depth *125*

Shot or lead *25lb*

Bottom *gy. S.*

Bottom temperature *47.2*

No. of Thermometer *50306* Cor. *±0*

Corrected temperature *47.2*

Air *61* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>6.45.50</i>	<i>50.30</i>	<i>0</i>		
<i>46.50</i>	<i>48.30</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

No. *SV. 1692* Date *Jan 24 1889*  
*Smith*  
 Tanner Machine. Reel.

Turns *103* Cor. + *4* Depth *107*

Shot or lead *25 lb*

Bottom *gy S. G.*

Bottom temperature *49*

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

Corrected temperature *49*

Air *58* Surface *59* Drift.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>7.08.15</i>	<i>10.50</i>	0		
<i>9.15</i>	<i>9.20</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.

L. H. B.

No. *H. 1693* Date *Jan 24" 1889*  
*Tanner* Machine. Reel.

Turns *85* Cor. + *3* Depth *88*

Shot or lead *25 lbs.*

Bottom *gy. S. bk. sh.*

Bottom temperature *50.5*

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

Corrected temperature *50.5*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>7 26.00</i>	<i>29.50</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507 *12113*

No. *H. 1694* Date *Jan. 24" 1889*  
*Tanner* Machine. Reel.

Turns *59* Cor. + *3* Depth *62*

Shot or lead *25 lbs*

Bottom *gy S.*

Bottom temperature *53*

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

Corrected temperature *53*

Air *58* Surface *59* Drift.

Frawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
<i>7.44.30</i>	<i>46.00</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.

597

No. *H. 1695* Date *Jan 24<sup>th</sup> 89*  
*Tanner* Machine. Reel.

Turns *30* Cor. + *1* Depth *31*

Shot or lead *25 lbs.*

Bottom *brk. Sh.*

Bottom temperature *None taken*

No. of Thermometer *50306* Cor.

Corrected temperature *---*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles *---*

*P.W.*  
*8-1-45*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

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

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

507

No. *Hy. 1696* Date *Jan'y, 24/89.*  
*Tanner* Machine. Reel.

Turns *43* Cor. + *2* Depth *47*

Shot or lead *25 lbs.*

Bottom *brk Sh.*

Bottom temperature *53.1*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *53.1*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

*P.W.*  
*8.20-0*

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.

50  
A.P.P.

No. *Hyd 1694* Date *Jan. 24<sup>th</sup> 89.*

*Tanner* Machine. Reel.

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

Shot or lead *25 lbs.*

Bottom *ors. wh & brk. S. brk. Sh,*

Bottom temperature *53.1*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *53.1*

Air *58* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 10</i>		0		
<i>8-39-0</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

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.

*ATP*

No. *Hyd 1698* Date *Jan. 24/89.*  
*Tanner* Machine. Reel.

Turns *61* Cor. + *2* Depth *63*

Shot or lead *25 lbs.*

Bottom *ars. brk. S. brk. Sh.*

Bottom temperature *53.6*

No. of Thermometer *50306* Cor. *0*

Corrected temperature *53.6*

Air *58* Surface *59* Drift.

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

*Paw*  
*8-58-0*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

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



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

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

REMARKS.

607

No. 1699 Date Jan 24/89  
 Tanner Machine. Reel.

Turns 208 Cor. + 6 Depth 214

Shot or lead 25 lbs.

Bottom Sh.

Bottom temperature 45.6

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 45.6

Air 58 Surface 58 Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.W. 9-17-0		0		
		X 100		
		X 200		
		8		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		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 1700* Date *Jan'y 24<sup>th</sup> 89*

*Sigsbee* Machine. Reel. *#2*

Turns *340* Cor. + *27* Depth *367*

Shot or lead *38 lbs*

Bottom *brd sh*

Bottom temperature *45.4*

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

Corrected temperature *45.4*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W.</i>				
<i>9-40-0</i>	<i>50-30</i>	0		
<i>41-45</i>	<i>49-30</i>	100		
<i>43-0</i>	<i>48-30</i>	200		
<i>44-30</i>	<i>47-30</i>	300		
<i>45-30</i>	<i>9-46-30</i>	<i>40</i> 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.



No. *Hyd 1701* Date *Jan. 24<sup>th</sup> 89*  
*Sigsbee* Machine. Reel. *#2*  
 Turns *375* Cor. + *31* Depth *406*  
 Shot or lead *38 lbs.*  
 Bottom *gy S. brk. Sh*  
 Bottom temperature *41.8*  
 No. of Thermometer *50306* Cor.  $\pm 0$   
 Corrected temperature *41.8*  
 Air *59* Surface *58* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 10-08-30</i>	<i>19-0</i>	0		
<i>10-15</i>	<i>18-5</i>	100		
<i>11-30</i>	<i>17-10</i>	200		
<i>12-45</i>	<i>16-10</i>	300		
<i>13-45</i>	<i>10-15-10</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1702* Date *Jan. 24<sup>th</sup> 1891*

Sigsbee Machine. Reel. *#2*

Turns *265* Cor. + *21* Depth *286*

Shot or lead *38 lbs.*

Bottom *gy s*

Bottom temperature *41.6*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *41.6*

Air *59* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-38-45</i>	<i>46-45</i>	0		
<i>39-30</i>	<i>45-40</i>	100		
<i>41-10</i>	<i>44-40</i>	200		
<i>42-0</i>	<i>10-43-45</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.

007

No. *Hy. 1703* Date *Jan'y. 24<sup>th</sup> 89.*

*Tanner.* Machine. Reel.

Turns *136* Cor. + *5* Depth *141*

Shot or lead *25 lbs.*

Bottom *gy S.*

Bottom temperature *41.8*

No. of Thermometer *50306* Cor. *± 0*

Corrected temperature *41.8*

Air *57* Surface *58* Drift.

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. W.</i>		0		
<i>11-03-0</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

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  
111

No. *Hyd. 1704* Date *Jan'y 24<sup>th</sup> 1899*  
*Sanner* Machine. Reel.

Turns *58* Cor. + *2* Depth *60*

Shot or lead *25 lbs.*

Bottom *gy S.*

Bottom temperature *none did not catch*

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

Corrected temperature *nm*

Air *59* Surface *58* Drift.

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

*P.W.*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*11-21-0*

- 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.H.  
1897

No. *Dredge* 2929 Date *January 26<sup>th</sup> 89.*  
*Sigsbee* Machine. Reel. *1/2*  
 Turns *583* Cor. + *40* Depth *623*

Shot or lead *35 lbs.*

Bottom *m. m.*

Bottom temperature *None*

No. of Thermometer *None* Cor.

Corrected temperature

Air *56* Surface *58* Drift. *1 mi S & W (approx)*

Trawl or dredge or tangles *Small Beans*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.55</i>	<i>10</i>	<i>0</i>	<i>6.25.20</i>	<i>7.52.30</i>
<i>5.57</i>	<i>50</i>	<i>100</i>	<i>6.27.00</i>	<i>7.50.00</i>
<i>5.59</i>	<i>30</i>	<i>200</i>	<i>6.30.00</i>	<i>7.47.30</i>
<i>6.2</i>	<i>30</i>	<i>300</i>	<i>6.34.30</i>	<i>7.44.00</i>
<i>6.4</i>	<i>00</i>	<i>400</i>	<i>6.37.30</i>	<i>7.42.10</i>
<i>6.5</i>	<i>30</i>	<i>500</i>	<i>6.40.00</i>	<i>7.40.00</i>
<i>6.5</i>	<i>50</i>	<i>600</i>	<i>6.43.30</i>	<i>7.36.00</i>
		<i>700</i>	<i>6.45.00</i>	<i>7.33.30</i>
		<i>800</i>	<i>6.48.30</i>	<i>7.30.00</i>
		<i>900</i>	<i>6.52.00</i>	<i>7.27.30</i>
		<i>1000</i>	<i>6.55.00</i>	<i>7.24.10</i>
		<i>1100</i>	<i>6.58.00</i>	<i>7.19.30</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>		

Towed surface net. put in water  
 at 6.30 hauled in net at 6.50

	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.

Jan 26 1889

No. *H. 1705* Date *Jan. 26" 1889**Sigsbee* Machine. *2* Reel.Turns *495* Cor. + *38* Depth *533*Shot or lead *38 lbs.*Bottom *br M.*Bottom temperature *39.7*No. of Thermometer *50306* Cor.  $\pm 0$ Corrected temperature *39.7*Air *60* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>A. M.</i> DOWN.	UP.		DOWN.	UP.
<i>8.32.20</i>	<i>45.45</i>	0		
<i>34.00</i>	<i>45.00</i>	100		
<i>35.20</i>	<i>44.20</i>	200		
<i>36.35</i>	<i>43.30</i>	300		
<i>37.50</i>	<i>42.30</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



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

SERIAL TEMPERATURE.

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

REMARKS.

S. F. B.

No. 2930

Date Jan. 26 1889

Tanner Machine. Reel.

Turns 58 Cor. + 2 Depth 60

Shot or lead 25 lbs

Bottom M.

Bottom temperature 52.9

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 52.9

Air 59 Surface 59 Drift. 73 m. Ex. N.

Trawl or dredge or tangles Small Beam

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A. M. DOWN.	UP.		A. M. DOWN.	UP.
9. 05. 35	. 07. 30	0	9. 09. 50	34. 13
		100	14. 55	30. 30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lowest Surface Net  
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.

No. *H 1706* Date *Jan. 26" 1889*  
*Tanner* Machine. Reel.

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

Shot or lead *25 lbs*

Bottom *hd. sh.*

Bottom temperature *none*

No. of Thermometer *none* Cor.  $\pm 0$

Corrected temperature *none*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

*A.M.* DOWN. UP.

*9.37* *9.38*

## 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

## DREDGE ROPE.

DOWN. UP.

UP.

*Put over 6 fishing lines*  
*Caught 1 fathead*  
*5 Red rock fish*

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

2931

Date

Jan 26 1889

Tanner

Machine.

Reel.

Turns 32 Cor. + 2

Depth 34

Shot or lead 25 lbs.

Bottom gy. S. Sh.

Bottom temperature 55.9

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 55.9

Air 58 Surface 59 Drift. 1/2 M. S. N. E.

Trawl or dredge or tangles Small Beam.

## SOUNDING WIRE.

DOWN.

UP.

10 04.40 05.40

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

10.19.30 29.40

22.40 27.40

0

60

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 4 fishing lines

Caught nothing

Lines over 14 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.

Lat. B.

No. 2932 Date Jan 26 1889

Tanner Machine. Reel.

Turns 19 Cor. + 1 Depth 20

Shot or lead 25 lbs

Bottom gy S. brk sh

Bottom temperature 58

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 58 Surface 59 Drift. 1/3 m. E.

Trawl or dredge or tangles Small Beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.36.40	37.50	0	10.50.30	11 03.30
		50	53.00	11. 01. 00
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over 3 fishing lines  
Caught  
1 Red Rooster fish.

Trawl badly torn



	2500	
	2600	
	2700	
	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 4.13*

No. *2933* Date *Jan 26* 18*89*  
*Tanner* Machine. Reel.

Turns *34* Cor. + *2* Depth *36*

Shot or lead *25 lbs*

Bottom *fine gy S*

Bottom temperature *57.3*

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

Corrected temperature *57.3*

Air *58* Surface *59* Drift.  $\frac{1}{2}$  m. *N.*

Trawl or dredge or tangles *Ship's*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.39.15</i>	<i>41.10</i>	<i>0</i>	<i>11.45.00</i>	<i>02.20</i>
		<i>60</i>	<i>47.50</i>	<i>12.00.00</i>
		<del><i>100</i></del>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2934 Date July 26<sup>th</sup> 89  
Machine. Reel.

Turns 34 Cor. + 2 Depth 36.

Shot or lead 25 lbs

Bottom gy.S.

Bottom temperature 58.2

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58.2

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

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12-37-50

39-10

0

12-40-15

10-0

38-30

12-38-35

100

45-0

200

50-0

1-06-15

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

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.

(8500) (148)

$$\begin{array}{r} 3500 \\ 276 \\ \hline 3224 \end{array}$$

3500

$$\begin{array}{r} 276 \\ \hline 3224 \\ 3500 \\ \hline 45046 \\ \hline 3050 \end{array}$$

$$\begin{array}{r} 148 \\ 108 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 3500 \\ 683 \\ \hline 2817 \end{array}$$

$$\begin{array}{r} 3500 \\ 421 \\ \hline 3079 \end{array}$$

$$\begin{array}{r} 276 \\ 19 \\ \hline 295 \end{array}$$

$$\begin{array}{r} 148 \\ 108 \\ \hline 90 \end{array}$$

$$\begin{array}{r} 148 \\ 117 \\ \hline 318 \\ 148 \\ \hline 97 \\ 51 \end{array}$$

$$\begin{array}{r} 3500 \\ 364 \\ \hline 3136 \\ 3500 \\ 887 \\ \hline 2613 \end{array}$$

$$\begin{array}{r} 313 \\ 26 \\ \hline 339 \\ 148 \\ 85 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 148 \\ 114 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 148 \\ 144 \\ \hline 400 \\ 3500 \\ 715 \\ \hline 2785 \end{array}$$

$$\begin{array}{r} 421 \\ 34 \\ \hline 455 \end{array}$$

$$\begin{array}{r} 3500 \\ 49 \\ \hline 3451 \end{array}$$

$$\begin{array}{r} 148 \\ 126 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 3500 \\ 520 \\ \hline 2980 \end{array}$$

$$\begin{array}{r} 3500 \\ 386 \\ \hline 3114 \end{array}$$

$$\begin{array}{r} 3500 \\ 290 \\ \hline 3210 \\ 438 \end{array}$$

$$\begin{array}{r} 148 \\ 148 \\ 108 \\ \hline 195 \\ 40 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 148 \\ 109 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 3500 \\ 571 \\ \hline 2929 \end{array}$$

$$\begin{array}{r} 3500 \\ 144 \\ \hline 3556 \end{array}$$

$$\begin{array}{r} 148 \\ 126 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3500 \\ 529 \\ \hline 2971 \end{array}$$

$$\begin{array}{r} 3500 \\ 572 \\ \hline 2928 \end{array}$$

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

$$\begin{array}{r} 3500 \\ 55 \\ \hline 3445 \\ 148 \\ 120 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 3500 \\ 768 \\ \hline 2732 \end{array}$$

$$\begin{array}{r} 148 \\ 94 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 3500 \\ 340 \\ \hline 3160 \end{array}$$

$$\begin{array}{r} 148 \\ 108 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 148 \\ 121 \\ \hline 27 \end{array}$$

$$\begin{array}{r}
 3500 \\
 513 \\
 \hline
 2985 \\
 3500 \\
 835 \\
 \hline
 2665
 \end{array}$$

$$\begin{array}{r}
 513 \\
 39 \\
 \hline
 572 \quad 552 \\
 39 \\
 \hline
 612
 \end{array}$$

$$\begin{array}{r}
 3500 \\
 313 \\
 \hline
 3187
 \end{array}$$

$$\begin{array}{r}
 3500 \quad 148 \\
 583 \quad 113 \\
 \hline
 142917 \quad 35 \\
 91 \\
 \hline
 57
 \end{array}$$

$$\begin{array}{r}
 864 \\
 60 \\
 \hline
 924
 \end{array}$$

$$\begin{array}{r}
 148 \\
 122 \\
 \hline
 26
 \end{array}$$

$$\begin{array}{r}
 835 \\
 57 \\
 \hline
 892
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 591 \\
 \hline
 2929
 \end{array}$$

$$\begin{array}{r}
 3500 \\
 864 \\
 \hline
 2636
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 665 \\
 \hline
 2835
 \end{array}$$

$$\begin{array}{r}
 450 \\
 35 \\
 \hline
 485
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 661
 \end{array}$$

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

$$\begin{array}{r}
 5500 \\
 612 \\
 \hline
 2888
 \end{array}$$

$$\begin{array}{r}
 148 \\
 95 \\
 \hline
 58
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 223 \\
 \hline
 5277
 \end{array}$$

$$\begin{array}{r}
 583 \\
 40 \\
 \hline
 6143
 \end{array}$$

$$\begin{array}{r}
 5500
 \end{array}$$

$$\begin{array}{r}
 148 \\
 127 \\
 \hline
 21
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 290 \\
 \hline
 5210
 \end{array}$$

$$\begin{array}{r}
 148 \\
 125 \\
 \hline
 23
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 122 \\
 \hline
 5378
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 265 \\
 \hline
 5265
 \end{array}$$

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

$$\begin{array}{r}
 5500 \\
 275 \\
 \hline
 5125
 \end{array}$$

$$\begin{array}{r}
 5500 \\
 920 \\
 \hline
 2580
 \end{array}$$

# Cor. Table #2 Reel

Number on Reel 3500, Cor. 148.

Cor.	Turns	Cor.	Turns	Cor.	Time
0	50	13	850	37	1650
0	100	14	900	39	1700
1	150	15	950	41	1750
1	200	17	1000	43	1800
2	250	19	1050	45	1850
3	300	21	1100	47	1900
4	350	22	1150	49	1950
4	400	23	1200	51	2000
5	450	24	1250	53	2050
6	500	25	1300	56	2100
7	550	27	1350	59	2150
8	600	29	1400	62	2200
9	650	30	1450	65	2250
10	700	31	1500	68	2300
11	750	33	1550	71	2350
12	800	35	1600	74	2400



Box	Tons	Box	Tons	Box	Tons
77	2450	151	3550		
80	2500	155	3600		
83	2550	159	3650		
86	2600	163	3700		
89	2650	167	3750	148 106 42	
92	2700	171	3800		
95	2750	175	3850	148 84 64	
98	2800	179	3900	148 116	
101	2850	183	3950		
104	2900	187	4000	148 121 27	
107	2950	192	4050		
110	3000	197	4100	5500 358	
113	3050	202	4150	3142	
116	3100	207	4200		
120	3150	211	4250	28	
124	3200	217	4300	5500 71	
128	3250	221	4350	5428	
132	3300			121 125	
136	3350			5500 163 538	
140	3400			148 115 55	
144	3450			5500 416 5084	
148	3500			5500 172 5328	