

N^o-11-

August 29th 1889

Sept'r 1st 1889-

D^r 3078.

Hy^d 1865 to 1963.

No. 1865 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 119 Cor. + 4 Depth 123 fms.

~~Shot or~~ lead 25 lbs.

Bottom M.

Bottom temperature 45.4°

No. of Thermometer 57264. Cor. - 0.4°

Corrected temperature 45.0°

Air 60° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A. M. 7. 02. 30
03. 25
03. 35

7. 06. 45
04. 25
7. 03. 50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

NC 3.

No. 1866 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 88 Cor. + 3 Depth 91 fms.

~~Shot or~~ lead 25 lbs.

Bottom M.

Bottom temperature 45.7°

No. of Thermometer 57.264. Cor. - 0.4°

Corrected temperature 45.3°

Air 60° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A.M.

7.45.22

7.48.20

0

46.08

7.46.15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

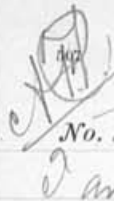
2400

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

SERIAL TEMPERATURE.

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

REMARKS.


 No. *Ny 1867.* Date *Aug. 29/89*
Tanner Machine. — Reel. —
 Turns *78* Cor. + *3* Depth *81*
 Shot or lead *25 lbs.*
 Bottom *W & fine gy S.*
 Bottom temperature *45.6*
 No. of Thermometer *57264* Cor. *-0.4°*
 Corrected temperature *45.2°*
 Air *60* Surface *60* Drift.
 Trawl or dredge or tangles

A.W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-31-45</i>	<i>8-24-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507
C.H.H.

No. Hy. 1868 Date Aug. 29/89.
Sanner Machine. — Reel.

Turns 56 Cor. + 2 Depth 58

Shot or lead 25 lbs.

Bottom fine gy. s.

Bottom temperature 46.1

No. of Thermometer 54264 Cor. - 0.4°

Corrected temperature 45.7°

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. M. 9-14-30	9-16-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 1869. Date Aug. 29/89.

anner. Machine. — Reel.

Turns 40 Cor. + 2 Depth 42.

Shot or lead 25 lbs.

Bottom fine. gy. s. + sh.

Bottom temperature 47.8

No. of Thermometer 59264 Cor. -0.4°

Corrected temperature 47.4°

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9-55-30

9-56-45

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

Double headed Rock core 8 1/2 ft. (mag)

distance 4.3 -

	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.

No. *Hy. 1870.* Date *Aug. 29/89.*
Tanner Machine. — Reel.

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

Shot or lead *25 lbs.*

Bottom *fine gy. s.*

Bottom temperature *47.6*

No. of Thermometer *57264* Cor. *-0.4°*

Corrected temperature *47.2°*

Air *61* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Adv. 10-40-30</i>	<i>10-41-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Three Arch Rocks bore S.E. 78 E. (mag)
distant 4.9 -

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 1891 Date Aug 29/89.
anner. Machine. — Reel.

~~Shot or lead~~ 25 lb

Bottom Inc. g.d. S

Bottom temperature 47.1

No. of Thermometer 57264 Cor. -0.4°

Corrected temperature 46.7°

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-23-30	11-25-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1872

No. *Ny. 1842* Date *Aug. 29/89.*
Tanner. Machine. — Reel.

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

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

Bottom *fine gy S.*

Bottom temperature *46*

No. of Thermometer *54262* Cor. *-0.4°*

Corrected temperature *45.6°*

Air *61* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>17-03-15</i>	<i>17-5-15</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Lookout bearing S. E. x E. 1/2 E. (Mag.) -

distant 11.3 -

	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.

H.C.F.
607

No. 1873 Hydrog Date Aug. 29th 1889.
Tanner Machine. — Reel.

Turns 91 Cor. + 3 Depth 94 fms.
~~Shot or~~ lead 25 lbs.

Bottom gm. M.

Bottom temperature 45.7°

No. of Thermometer 57264 - Cor. - 0.4°

Corrected temperature 45.3°

Air 62° Surface 62° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
12.48.20	51.10	0		
49.05	12.49.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Lookout base E. S. E. 3/4 E. (mag)

distant 1.5-

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

SERIAL TEMPERATURE.

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

REMARKS.

H.O.

No. 1874 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 116 Cor. + 4. Depth 120 fms.

~~Shot~~ or lead 25 lbs.

Bottom gy. s. bk. sp.

Bottom temperature 45.5°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.1°

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
1.32.35	36.30	0		
33.45	1.33.50	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.

1402.

No. 1875 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 253 Cor. + 6 -

Depth 259 fms.

~~Shot~~ or lead 25 lbs.

Bottom gn. M.

Bottom temperature 42.8°

No. of Thermometer 57 264. Cor. -0.4°

Corrected temperature 42.4°

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.18.50	2.26.40	0		
19. 45	24. 50	100		
21. 05	23. 05	200		
21. 45	2.22.05	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

NC 3.
507

No. 1876 Hydrog. Date Aug. 29th 1889.
Tanner Machine. — Reel.

Turns 210 Cor. + 6 Depth 216 fms.

~~Shot~~ or lead 25 lbs.

Bottom gn. M.

Bottom temperature 43.2°

No. of Thermometer 57264 Cor. -0.4°

Corrected temperature 42.8°

Air 63° Surface 62° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		DOWN.	UP.
	3.05.05			3.12.00
	06.00	100		09.45
	07.05	200		3.07.20
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

K.C. 21

No. 1877 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 232 Cor. + 6. Depth 238 fms

~~Shot~~ or lead 25 lbs.

Bottom yel. M.

Bottom temperature 43.0°

No. of Thermometer 57264. Cor. -0.4°

Corrected temperature 42.6°

Air 64° Surface 66° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

3.50.20

3.58.05

0

51.05

56.00

100

52.00

53.20

200

52.20

3.52.50

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1878* Date *Aug. 29/89.**Tanner.* Machine. — Reel.Turns *211* Cor. + *6* Depth *217*Shot or lead *25 lbs.*Bottom *m.*Bottom temperature *43.2*No. of Thermometer *542164* Cor. *-0.4°*Corrected temperature *42.8°*Air *64* Surface *66* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*P. m.**4-35-30**42-30*

0

36-30

100

37-30 4-38-0

200

11

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1879* Date *Aug. 29/89.**Sigsbee* Machine. — Reel.Turns *126* Cor. + *4* Depth *130*Shot or lead *25 lbs*Bottom *mv.*Bottom temperature *44.8*No. of Thermometer *57264* Cor. *-0.4°*Corrected temperature *44.4°*Air *64* Surface *66* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. W.
*5-18-0**22-15*

0

19-15

100

*20-0**5-20-15**126*
200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

N. O. J.

No. 1880 Hydrog. Date Aug. 29th 1889.
Tanner Machine. — Reel.

Turns 65 Cor. + 3. Depth 88 fms.

~~Shot~~ or lead 25 lbs.

Bottom gn. M.

Bottom temperature 46°

No. of Thermometer 57264. Cor. - 0.4°

Corrected temperature 45.6°

Air 68° Surface 64° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

P.M. DOWN.		UP.	TURNS.	DOWN.		UP.
6.01.20		04.05	0			
02.30		6.02.40	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

Cape Lookout bore N. E. 1/4 E. (Mag.) dist. 8.0.

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

SERIAL TEMPERATURE.

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

REMARKS.

100

No. 1881 Hydrog- Date Aug. 19th 1889.
 Tanner Machine. — Reel.

Turns 50 Cor. + 2. Depth 52 fms.

~~Shot~~ lead 25 lbs.

Bottom fine. gy. S.

Bottom temperature 46.5°

No. of Thermometer 57264. Cor. - 0.4°

Corrected temperature 46.1°

Air 68° Surface 64° Drift.

Trawl or dredge or tangles

P. M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.43.38	45.15	0		
44.10	6.44.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Lookout bore N. E. 3/8 E. (mag) dist. 3.8-

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 502

No. 1882 Hydrog. Date Aug. 29th 1889.

Tanner Machine. — Reel.

Turns 47 Cor. + 2 Depth 49 fms.

~~Shot or~~ lead 25 lbs

Bottom fine gy. S.

Bottom temperature 46.3°

No. of Thermometer 57,264. Cor. 0.4°

Corrected temperature 45.9°

Air 63° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
7.33.50	35.45	0		
34.20	7.34.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Lookout bore N. 1/2 E. (Mag.) dist. 7.5-

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1883.* Date *Aug. 29, 89.*
Tanner. Machine. — Reel.

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

Shot or lead *25 lbs.*

Bottom *fine. gy. S.*

Bottom temperature *47.2*

No. of Thermometer *54264* Cor. *-0.40*

Corrected temperature *46.8°*

Air *62* Surface *66* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W.</i> <i>8-22-30</i>	<i>8-25-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.



No. *Hy. 1884* Date *Aug. 29/89*
Tanner Machine. — Reel.

Turns *82* Cor. + *3* Depth *85*

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

Bottom *gy S. bk sp.*

Bottom temperature *46*

No. of Thermometer *57264* Cor. *-0.4°*

Corrected temperature *45.6°*

Air *62* Surface *61* Drift.

Trawl or dredge or tangles

P.W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-16-0</i>	<i>9-19-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.



No. *Hy. 1885* Date *Aug 29/89.*

Tanner. Machine. — Reel.

Turns *115* Cor. + *4* Depth *119*

Shot or lead *25 lbs.*

Bottom *gn. m.*

Bottom temperature *45.2*

No. of Thermometer *57264* Cor. *-0.4°*

Corrected temperature *44.8°*

Air *62* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P.W.
10-07-0

11-0

0

08-0

10-08-15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

Handwritten initials/signature

No. *Hy. 1886.* Date *Aug. 29/89.*
Tanner Machine. — Reel.

Turns *185* Cor. + *5* Depth *190*

Shot or lead *25 lbs.*

Bottom *gn. m.*

Bottom temperature *43.8*

No. of Thermometer *57264* Cor. *-0.40*

Corrected temperature *43.40*

Air *62* Surface *60* Drift.

Trawl or dredge or tangles

P.W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-0-0</i>	<i>07-0</i>	0		
<i>01-30</i>		100		
<i>02-0</i>	<i>11-02-15</i>	<i>185</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 1889

Date

Aug. 29/89.

Tanner

Machine. — Reel.

Turns 186 Cor. + 5 Depth 191

Shot or lead 25 lbs.

Bottom gy. sh

Bottom temperature 43.5

No. of Thermometer 57264 Cor. -0.4°

Corrected temperature 43.4°

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-55-15 12-1-30

56-0 Aug 29. P.M.

56-30 11-57-0

0

100

86
200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

H.S.
607

No. 1888 Hydrog Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 237 Cor. + 6 Depth 243 fms.

~~Shot~~ or lead 25 lbs.

Bottom M.

Bottom temperature 43.0°

No. of Thermometer 57.264. Cor. -0.4°

Corrected temperature 42.6°

Air 62° Surface 62° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.43.50	12.52.20	0		
44.45	50.00	100		
45.40	47.30	200		
46.08	12.46.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

NC 2

No. 1889 Hydros Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 197 Cor. + 6. Depth 203 fms.

~~Shot or~~ lead 25 lbs.

Bottom M.

Bottom temperature 43.9°

No. of Thermometer 57.264 Cor. -0.4°

Corrected temperature 43.5°

Air 62° Surface 62° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A.M.

1.37.00 1.43.15

37.50 41.05

38.50 1.39.15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 9.
507

No. 1890 Hydrog. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 97 Cor. + 3, Depth 100 fms.

~~Shot or lead~~ 25 lbs.

Bottom M.

Bottom temperature 45.8°

No. of Thermometer 57.264 Cor. -0.4°

Corrected temperature 45.4°

Air 62° Surface 62° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.25.00	28.00	0		
25.50	2.26.05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

NO. 1891

No. 1891 Hydrog. Date. Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 76 Cor. + 3. Depth 79 fms.

~~Shot or~~ lead 25 lbs.

Bottom M.

Bottom temperature —

No. of Thermometer 57264 Cor. -0.4°

Corrected temperature —

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 3.13.50	15.45	0		
14.40	3.14.50	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.

Thermometer # 57,264. broken while
landing.

H. J.
107.9

No. 1892 Hydro. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 61 Cor. + 2 Depth 63 fms.

Shot or lead 25 lbs.

Bottom M. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. M.				
4.00.20	02.30	0		
01.00	4.01.08	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Yaguina St. bore S.E. to E. (mag.)

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1893* Date *Aug 30/89.*
Tanner Machine. — Reel.

Turns *34* Cor. + *1* Depth *35*

Shot or lead *25 lbs*

Bottom *fne gy. S.*

Bottom temperature *48*

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

Corrected temperature *47.7°*

Air *62* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-44-0</i>	<i>4-45-15</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		

Machine Head Light S.E. 3/4 S. (Mag) dist. 13.1.

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

SERIAL TEMPERATURE.

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

REMARKS.

507
A.P.P.

No. *Hy. 1894* Date *Aug. 30/89.*

Tanner Machine. — Reel.

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

Shot or lead *25 lbs.*

Bottom *fine gy S.*

Bottom temperature *48.3*

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

Corrected temperature *48.0°*

Air *62* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.W.</i>				
<i>5-30-30</i>	<i>5-51-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Maguina Head Light House bore S.E. 1/2 S. (Mag.)
distant 7'1 -

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 1895

Date

Aug 30/89

Tanner

Machine.

Reel.

Turns 32

Cor. +

1

Depth

33

Shot or lead

25 lbs.

Bottom

fine gy. S.

Bottom temperature

48.2

No. of Thermometer

512/51

Cor. -0.3°

Corrected temperature

47.9°

Air

59

Surface

61

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-02-30

6-03-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Yaguina dead St. Dr. Core C. S. E. (Mag.)
 distant 3.8-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1896

Date

Aug. 30/89.

Tanner

Machine. — Reel.

Turns 44 Cor. + 2

Depth 46

Shot or lead 25 lbs.

Bottom fine. gy. S.

Bottom temperature 48

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 60 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Ad. 6-46-30	6-47-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1897* Date *Aug. 30/89*

anner. Machine. — Reel.

Turns *62* Cor. + *2* Depth *64*Shot or lead *25 lbs.*Bottom *fine gy. S.*Bottom temperature *46.1*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.8°*Air *60* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-29-30 7-31-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1898* Date *Aug. 30/89.*Machine. *Tanner* Reel.Turns *84* Cor. + *3* Depth *87*Shot or lead *25 lbs*Bottom *fine gy. S.*Bottom temperature *45.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.5°*Air *60* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

Acw
8-14-30 *8-15-45*

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.

1899

No. 1899 Hydro. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 151 Cor. + 5 Depth 156 fms.

~~Shot~~ or lead 25 lbs.

Bottom fm. gy. s. bk. sp.

Bottom temperature 44.5°

No. of Thermometer 51451. Cor. - 0.3°

Corrected temperature 44.2°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.56.12	9.00.35	0		
57.05	58.55	100		
57.40	8.57.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1109.

No. 1900 Hydrog. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 211 Cor. + 6. Depth 217 fms.

Shot or lead 25 lbs.

Bottom yel. M.

Bottom temperature 42.0

No. of Thermometer 51451. Cor. -0.3°

Corrected temperature 41.7°

Air 61° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 9.39.45	9.45.10	0		
40.30	43.30	100		
41.20	42.00	200		
41.25	9.41.40	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 21

No. 1901 Hydrog. Date Aug. 30th 1869.

Tanner Machine. — Reel.

Turns 135 Cor. + 4 Depth 139 fms.

~~Shot~~ or lead 25 lbs.

Bottom Hk. S.

Bottom temperature 45.0°

No. of Thermometer 57451. Cor. -0.3°

Corrected temperature 44.7°

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.27.45	10.31.30	0		
28.35	29.45	100		
29.00	10.29.10	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. 1902

No. 1902 Hydrog. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 304 Cor. + 7. Depth 311 fms.

~~Shot or lead~~ 25 lbs.

Bottom gn. M.

Bottom temperature 41.0°

No. of Thermometer 51.451. Cor. -0.1°

Corrected temperature 40.9°

Air 62° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.15.20	11.26.00	0		
16.10	23.30	100		
17.00	20.30	200		
17.55	11.18.15	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.

No. 44. 1903. Date

Aug. 30/89.

Tanner. Machine. — Reel.

Turns 333 Cor. +

Depth 340

Shot or lead 25 lbs.

Bottom fine bk s.

Bottom temperature 41

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.9°

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. W. 12-08-0

19-30

0

09-0

100

10-0

200

11-0

12-11-30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1904* Date *Aug 30/87*
Tanner Machine. — Reel.

Turns *180* Cor. + *5* Depth *185*

Shot or lead *25 lbs.*

Bottom *gn m*

Bottom temperature *44.8*

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

Corrected temperature *44.5°*

Air *61* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. W. *12-56-30* *1-03-0*

57-20

58-40

12-59-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1905* Date *Aug. 30/99*
Tanner Machine. — Reel.

Turns *119* Cor. + *4* Depth *123*

Shot or lead *25 lbs.*

Bottom *m*

Bottom temperature *45.1*

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

Corrected temperature *44.8°*

Air *60* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. 11
1-42-30

46-30

0

44-0

1-45-0

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.

No. *Hy 1906* Date *Aug 30/89**Tanner* Machine. — Reel.Turns *91* Cor. + *3* Depth *94*Shot or lead *25 lbs*Bottom *du*Bottom temperature *45.4*No. of Thermometer *51451* Cor. *-0.30*Corrected temperature *45.10*Air *57* Surface *59* Drift.

Trawl or dredge or tangles

P. 111 SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-31-30</i>	<i>2-33-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. *Ny 1907* Date *Aug 30/89*

Machine. — Reel.

Turns *58* Cor. + *2* Depth *60*Shot or lead *25 lbs.*Bottom *fine bk s*

Bottom temperature

*46.4*No. of Thermometer *51451* Cor. *-0.30*Corrected temperature *46.10*Air *56* Surface *59* Drift.

Trawl or dredge or tangles

P.W. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3-16-30 *3-19-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. *Hy 1908* Date *Aug. 30/89.*
Tanner Machine. — Reel.
 Turns *58* Cor. + *2* Depth *60*
 Shot or lead *25 lbs.*
 Bottom *ars. S & fsh. Sh.*
 Bottom temperature *none taken*
 No. of Thermometer *51451* Cor. —
 Corrected temperature —
 Air *56* Surface *59* Drift.
 Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 4-01-0</i>	<i>4-02-0</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.

507

No. 1909 Hydrog. Date Aug. 30th 1889.
 Tanner Machine. — Reel.

Turns 41 Cor. + 2 Depth 43 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.7°

Air 56° Surface 59° Drift.

Trawl or dredge or tangles

P. M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 45. 45	47. 10	0		
46. 05	4. 46. 15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lysquina Head Light House bore N.E. 78 N. (Mag.)

distant 10.0 -

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 7.9

No. 1910 Hydrog. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 27 Cor. + 1. Depth 28 fms.

~~Shot or lead~~ 25 lbs.

Bottom fine gy. s.

Bottom temperature 48.8°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.5°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.27.30	28.45	0		
27.45	5.28.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hand line fishing with seven lines over

port rail began at 5.35 - stopped at 6.15.

P.M. - having caught —

1 Orange Rock Cod & 3 Lingcod Merluccius -

Yaquina Head Light House bore N. 1/2 E. (Mag)

distant 6.5 -

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 1911 Date

Aug. 30/89

Machine. — Reel.

Turns 27 Cor. + 1 Depth 28

Shot or lead 25 lbs.

Bottom fine gy. s. bk. sp.

Bottom temperature 47.2

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.5°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-30-0

7-31-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

K.S.J.

No. 1912 Hydrog. Date Aug. 30th 1889
Tanner Machine. — Reel.

Turns 27 Cor. + 1 Depth 28 fms.
~~Shot or lead~~ 25 lb.

Bottom fine gy. s.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 8.13.15	14.25	0		
13:35	8.14.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

HC 7.
507

No. 1913 Hydro. Date Aug. 30th 1889
Tanner Machine. — Reel.

Turns 41 Cor. + 2 Depth 43 fms.

~~Shot or lead~~ 25 lbs.

Bottom fine gy. s.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.8°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i> 9.07.10	08.30	0		
07.25	9.07.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Yaguina St. bore N. x E. 5/8 E. (Mag.)

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

SERIAL TEMPERATURE.

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

REMARKS.

K. S. S.
507

No. 1914 Hydrog. Date Aug. 30th 1889.
Tanner Machine. — Reel.

Turns 40 Cor. + 0. Depth 42 fms.
Shot or lead 25 lbs.

Bottom rocky (clay?)

Bottom temperature 45.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.8°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.58.15	10.00.40	0		
58.35	9.59.50	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.

NO. 547

No. 1915 Hydrog. Date Aug. 30th 1889
 Tanner Machine. — Reel.

Turns 54 Cor. + 2. Depth 56 fms.

Shot or lead 25 lbs.

Bottom cr. bk. S.

Bottom temperature 45.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.2°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
10.46.10	46.05	0		
46.45	10.47.00	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. 2

No. 1916 Hydrog. Date Aug. 30th 1889.

Tanner Machine. — Reel.

Turns 76 Cor. + 3 Depth 79 fms.

Shot or lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 45.4°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.1°

Air 55° Surface 58° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

P.M. DOWN.	UP.		DOWN.	UP.
11.32.25	34.45	0		
33.15	11.33.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 1914

Date

Aug 31/89.

Tanner.

Machine.

Reel.

Turns 162 Cor. +

5

Depth

167

Shot or lead

25 lbs.

Bottom

G.

Bottom temperature

43.4

No. of Thermometer

51451

Cor. -0.3°

Corrected temperature

43.1°

Air

55

Surface

58

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

A. dw

12-24-0

29-0

0

25-0

12-25-30

100

62

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. 1918* Date *Aug. 31/89.**Tanner* Machine. — Reel.Turns *259* Cor. + *6* Depth *265*Shot or lead *25 lbs.*Bottom *W.*Bottom temperature *41.4*No. of Thermometer *5451* Cor. *-0.1°*Corrected temperature *41.3°*Air *56* Surface *57* Drift.

Trawl or dredge or tangles

<i>A.W.</i> SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-24-30</i>	<i>33-0</i>	0		
<i>26-15</i>		100		
<i>27-0</i>	<i>1-27-30</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 1919

Date

Aug. 31/89.

Tanner

Machine. — Reel.

Turns 286

Cor. +

7

Depth

293

Shot or lead

25 lbs.

Bottom

m.

Bottom temperature

41.

No. of Thermometer

57451

Cor.

-0.1°

Corrected temperature

40.9°

Air

56

Surface

57

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A.W.

2-20-30

2-30-0

0

21-30

100

22-30

200

24-0

2-24-30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1920* Date *Aug. 31/89*

Tanner Machine. — Reel.

Turns *275* Cor. + *7* Depth *282*

Shot or lead *35 lbs.*

Bottom *W.*

Bottom temperature *41.4*

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

Corrected temperature *41.3°*

Air *56* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

Adw
3-10-30 *20-0*

11-30

12-30

13-30 *3-14-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

H. 57

No. 1921 Hydrog. Date Aug. 31st 1889.
 Tanner Machine. — Reel.

Turns 81 Cor. + 3. Depth 84 fms.

Shot or lead 25 lbs.

Bottom bk. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 59° Surface 58° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.02.50	07.30	0		
5.10	4.05.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. 1922 Hydro. Date Aug. 31st 1889.

Tanner Machine. — Reel.

Turns 49 Cor. + 2. Depth 51 fms.

Shot or lead 25 lbs.

Bottom Cl.

Bottom temperature 46.7°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.4°

Air 56° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 57.50	59.25	0		
58.20	4.58.30	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.

Not
502

No. 1923 Hydro. Date Aug. 31st 1889.

Tanner Machine. — Reel.

Turns 54 Cor. + 2 Depth 56 fms.

~~Shot or lead~~ 25 lbs.

Bottom bk. S. & G.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.2°

Air 56° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 5.43.25	45.10	0		
43.50	5.44.00	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. 1924 Hydro. Date Aug, 31st 1889.
 Tanner Machine. — Reel.

Turns 52 Cor. + 2. Depth 54 fms.

Shot or lead 25 lbs.

Bottom gy. S. bk. sp.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9.17

6.29.22

31.50

0

29.45

6.30.05

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.S.

No. 1925 Hydro. Date Aug. 31st 1889.
Tanner Machine. — Reel.

Turns 43 Cor. + 2 Depth 45 fms.

Shot or lead 25 lbs.

Bottom gy. S. bk. sp.

Bottom temperature 46.8°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.5°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i>				
7.09.20	10.30	0		
09.45	7.09.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N. J.
5071

No. 1926 Hydro. Date Aug. 31st 1889.
Tanner Machine. ← Reel.

Turns 34 Cor. + 1. Depth 35 fms.

Shot or lead 25 lbs.

Bottom gy. S. bk. sp.

Bottom temperature 47.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.2°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>a.m.</i>				
7.49.15	51.05	0		
49.32	7.50.00	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.

Hy. 1924

Date

Aug. 31/89

Machine. — Reel.

Turns 30

Cor. +

1

Depth

31

Shot or lead

25 lbs.

Bottom

gl s br sp

Bottom temperature

48

No. of Thermometer

51451

Cor. -0.3°

Corrected temperature

47.7°

Air

57

Surface

56

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8-05-0

8-06-15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1928* Date *Aug 31/89*
Tanner Machine. — Reel.

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

Shot or lead *25 lbs.*

Bottom *fine gy. S*

Bottom temperature *49.2*

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

Corrected temperature *48.9°*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*9-0-0**9-0-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 1929 Date Aug 31/89

Tanner Machine. — Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 25 lbs.

Bottom fine gy S

Bottom temperature 4.8

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1930* Date *Aug. 31/89*

Tanner Machine. — Reel.

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

Shot or lead *25 cbs*

Bottom *fine gy S*

Bottom temperature *47.2*

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

Corrected temperature *46.9°*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

A.W. DOWN.

UP.

DOWN.

UP.

10-36-0

10-37-15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1931* Date *Aug 31/89*
Sigsbee Machine. — Reel.

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

Shot or lead *25 lbs.*

Bottom *m*

Bottom temperature *46.5*

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

Corrected temperature *46.2°*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-21-30</i>	<i>23-30</i>	0		
<i>22-30</i>	<i>11-22-45</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 507

No. 1932 Hydro. Date *Aug. 31st 1889.*
Tanner Machine. — Reel.

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

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

Bottom *gn. M.*

Bottom temperature *46.2°*

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

Corrected temperature *45.9°*

Air *57°* Surface *57°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M. 12.06.30</i>	<i>08.30</i>	0		
<i>07.00</i>	<i>12.07.10</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		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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
N.C.F.

No. 1933 Hydro. Date Aug. 31st 1889-
Tanner Machine. — Reel.

Turns 68 Cor. + 2 Depth 70 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.56.30	58.15	0		
57.00	12.57.10	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.

H.C.F.

No. 1934 Hydro. Date Aug. 31st 1889.

Tanner Machine. — Reel.

Turns 61 Cor. + 2 Depth 63 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 46.4°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.1°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

R.M.

1.45.45

47.45

0

46.15

1.46.25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

K.C.

No. 1935 Hydro. Date Aug. 31st 1889.
Tanner Machine. — Reel.

Turns 49 Cor. + 2 Depth 51 fms.

Shot or lead 25 lbs.

Bottom br. C. + P.

Bottom temperature 47.4°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.1°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.29.00	30.25	0		
29.25	2.29.35	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. 1936 Hydro. Date Aug. 31st 1889.
Tanner Machine. — Reel.

Turns 339 Cor. + 7. Depth 346 fms.

Shot or lead 25 lbs.

Bottom M.

Bottom temperature 41.0°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.9°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 10. 25	3. 21. 30	0		
11. 18	19. 25	100		
12. 18	17. 25	200		
13. 40	15. 15	300		
14. 10	3. 14. 25	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1937 Hydro Date Aug. 31st 1889
 Tanner Machine. — Reel.

Turns 319 Cor. + 7 Depth 326

~~Shot or lead~~ 25 lbs.

Bottom fine gy. S. bk. sp.

Bottom temperature 42.1

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 41.8°

Air 59 Surface 59 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4-06-0	17-0	0
6-30	15-0	100
7-30	13-0	200
8-30	4-9-0	300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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
H.C. 3. No bottom - see next page.

No. 1938 Hydro. Date Aug. 31st 1889.
Tanner Machine. — Reel.

Turns 374 Cor. + 7 Depth } 381
Shot or lead 25 lbs. }
no bottom at

Bottom

Bottom temperature 43.3°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 43.0°

Air 59 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

4.	57. 48	10. 15
	58. 42	08. 15
	59. 40	05. 45
5.	00. 38	03. 15
	01. 35	5.02. 05

0

100

200

300

74

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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 bottom reached at 381 fathoms
so used forward sounding machine
as per next page.

H. J. J.

No. 1938 Hydro. Date Aug 31st 1889.

Sigsbee Machine. #2 Reel.

Turns 551. Cor. + 51 Depth 602 fms.

Shot or lead 35 $\frac{1}{2}$ lbs.

Bottom gn. M.

Bottom temperature 40.3°

No. of Thermometer 51451 Cor. - 0.1°

Corrected temperature 40.2°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0.9 M.
5.06.10

20.50

0

20.00

100

19.20

200

18.25

300

17.10

400

16.00

500

5.13.45

5.15.00

551
~~600~~

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1939 Hydro. Date

Aug 31/19.

Machine. — Reel. # 2

Turns 333 Cor. + 32

Depth 365

Shot or lead 35 lbs.

Bottom gn m.

Bottom temperature 40.5

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.4°

Air 68 Surface 63 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P. M.

5-39-0

49-0

0

40-0

48-30

100

41-0

47-50

200

42-0

46-30

300

42-30

5-46-0

330

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

1007

No. 1940 Hydro. Date Aug. 31st 1889.

Tanner Machine. — Reel.

Turns 277 Cor. + 7. Depth 284 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 41.5°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 41.4°

Air 68° Surface 63° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.07.25	14.35
08.10	13.10
09.05	11.30
10.00	6.10.05

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

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.S.

No. 1941 Hydro. Date Aug 31st 1889.

Tanner Machine. — Reel.

Turns 170 Cor. + 5. Depth 175 fms.

Shot or lead 25 lbs.

Bottom fine. bk. S.

Bottom temperature 43.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 42.8°

Air 68° Surface 63° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 32. 25	37. 00	0		
33. 15	35. 15	100		
33. 42	6. 34. 00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

⁵⁰⁷
H.C. J.

No. 1942 Hydro. Date Aug. 31st 1889.

Tanner Machine. — Reel.

Turns 154 Cor. + 5.

Depth 159 fms.

Shot or lead 25 lbs.

Bottom M. & bk. s.

Bottom temperature 44.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 43.7°

Air 61° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P. M.

6.55.30

59.30

0

56.10

57.45

100

56.50

6.57.05

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

K. 67

No. 1943 Hydro. Date Aug. 31st 1889.
 Tanner Machine. — Reel.

Turns 154 Cor. + 5 Depth 159 fms.

Shot or lead 25 lbs

Bottom M.

Bottom temperature 44.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 43.7°

Air 61° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.17.10	21.30	0		
18.00	19.30	100		
18.25	7.18.35	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H. C. J.
607

No. 1944 Hydro. Date Aug. 31st 1889.
Tanner Machine. — Reel.

Turns 154 Cor. + 5 Depth 159 fms.

Shot or lead 25 lbs.

Bottom M.

Bottom temperature 44.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 43.7°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles


SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.40.10	44.15	0		
41.00	42.30	100		
41.30	7.41.45	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

 No. 1945 Hydro. Date Aug. 31st 1889.
 Tanner Machine. — Reel.
 Turns 180 Cor. + 5 Depth 185
 Shot or lead 25 lbs.
 Bottom gn w
 Bottom temperature 44
 No. of Thermometer 51451 Cor. -0.3°
 Corrected temperature 43.7°
 Air 60 Surface 60 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-29-30	85-0	0		
30-0	8-31-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1946* Date *Aug. 31/89*
Tanner Machine. — Reel.

Turns *123* Cor. + *4* Depth *127*

Shot or lead *25 lbs.*

Bottom *gnw*

Bottom temperature *45.4*

No. of Thermometer *51451* Cor. -0.3°

Corrected temperature *45.1^{\circ}*

Air *60* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.W.
9-20-30 *24-30*

21-30 *9-22-0*

0

100

55

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. 1947* Date *Aug. 31/89*
Tanner Machine. — Reel.

Turns *94* Cor. + *3* Depth *97*

Shot or lead *75 lb.*

Bottom *gn. m.*

Bottom temperature *46*

No. of Thermometer *5451* Cor. *-0.3°*

Corrected temperature *45.7°*

Air *60* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.W. *10-07-0* *10-10-32*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No.

Hy. 1948

Date

Aug. 31/89

Tanner

Machine. — Reel.

Turns

77

Cor. +

3

Depth

80

Shot or lead

25 lbs.

Bottom

gn. m.

Bottom temperature

46

No. of Thermometer

514/51

Cor. -0.3°

Corrected temperature

45.7°

Air

59

Surface

59

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

10-56-0

10-59-0

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1949* Date *Aug 31/89.**Sanner* Machine. — Reel.Turns *64* Cor. + *2* Depth *66*Shot or lead *25 lbs*Bottom *fine gy S*Bottom temperature *46.1*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.8°*Air *59°* Surface *59°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.W.
11-45-30 11.46-30

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

*Cape Gregory Light bore S.S.E. 5/8 E. (mag)**dict. 12.0-*

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

SERIAL TEMPERATURE.

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

REMARKS.

1007

No. 1950 Hydro. Date Sept. 1st 1889.
Tanner Machine. — Reel.

Turns 63 Cor. + 2 Depth 65 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 45.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.2°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.44.42	46.30	0		
45. 10	12.45.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Gregory Light bore S. S. E. 1/2 E. (Mag)
plowing just on horizon.

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

SERIAL TEMPERATURE.

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

REMARKS.

H. J. 1889

No. 1951 Hydro. Date Sept. 1st 1889.
Tanner Machine. — Reel.

Turns 60 Cor. + 2. Depth 62 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

A.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1.44.00

46.00

0

44.32

1.44.45

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

HC 2.
607

No. 1952 Hydro. Date Sept. 1st 1889.

Tanner Machine. — Reel.

Turns 55 Cor. + 2 Depth 57 fms.

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 46.7°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.4°

Air 55° Surface 55° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.44.50	46.25	0		
45.20	2.45.35	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. 5.

No. 1953 Hydro. Date Sept. 1st 1889.
Tanner Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms.
~~Shot or~~ lead 25 lbs.

Bottom bk. S. + M.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.2°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3. 31.30 33.15
32.00 3.32.10

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.

No. Hy. 1954 Date Sept 1/89

Machine. — Reel.

Turns 70 Cor. + 2 Depth 72

Shot or lead 35 lbs.

Bottom M.

Bottom temperature 46.4

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.1°

Air 56 Surface 55 Drift.

Trawl or dredge or tangles

X. W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-18-0	4-30-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy. 1955* Date *Sept. 1/89**Tanner* Machine. — Reel.Turns *89* Cor. + *3* Depth *92*Shot or lead *25 lbs*Bottom *gn. m.*Bottom temperature *46*No. of Thermometer *5-1451* Cor. *-0.3°*Corrected temperature *45.7°*Air *56* Surface *55* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*5-5-0**5-7-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hy 1956* Date *Sept. 1, 1897*
Sanner Machine. — Reel.

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

Shot or lead *45 lbs.*

Bottom *gn. sh.*

Bottom temperature *45.4*

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

Corrected temperature *45.1°*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

sch *5-49-30**52-30*

0

*50-45**5-50-0*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *Hg 1957* Date *Sept 1/89.*
Tanner Machine. — Reel.

Turns *84* Cor. + *3* Depth *87*

Shot or lead *25 lbs*

Bottom *fx. S. Y. M.*

Bottom temperature *45.5*

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

Corrected temperature *45.5°*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-39-15 *6-41-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

3078

Date

Sept. 1/89.

Tanner Machine. — Reel.

Turns 66 Cor. + 2 Depth 68

Shot or lead 35 lbs.

Bottom b. & m.

Bottom temperature 46

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 62 Surface 60 Drift. $\frac{3}{4}$ m N $\frac{1}{2}$ S

Trawl or dredge or tangles Small beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-27-30 7-29-0

0

7-44-0 8-14-0

100

50-0

60

56-0

200

8-05-0

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

1 sea Urchin. Numerous Antedon.
 Peripat Stars. Few ophiurans. shrimps.
 7 small Red rock cod- 2 Prawns- Few
 small Ascidiarians and sponges.
 1 Brachiopod-

507
A. M.

No. 1958 Hydro. Date Sept 1/89
Tanner Machine. — Reel.

Turns 56 Cor. + 2 Depth 58

Shot or lead 25 lbs

Bottom Rock

Bottom temperature none taken

No. of Thermometer 51451 Cor. —

Corrected temperature —

Air 61° Surface 59° Drift.

Trawl or dredge or tangles

A. M.

SOUNDING WIRE.

DOWN.

UP.

8-10-0

8-11-0

TURNS.

DREDGE ROPE.

DOWN.

UP.

Hand line fishing with 7 lines over starboard side, commenced at 8.20 and stopped at 8.40
Catch: 3 Orange Rock Cod with black spots.

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

Fishing Expert left ship in dock, collection boat accompanying at 8.55, returning at 9.15. Collection boat returned at 9.30.

Catch: 1 small Red Rock Cod -
Collection boat - 1 Muraena -

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 1959 Hydro. Date Sept. 1st 1889.
 Tanner Machine. — Reel.

Turns 56 Cor. + 2 Depth 58 fms.

Shot or lead 25 lbs.

Bottom Rky.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.2°

Air 61° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

8.49.25

51.10

49.55

8.50.05

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

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

SERIAL TEMPERATURE.

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

REMARKS.

507
H.C. 7.

No. 1960 Hydro. Date Sept. 1st 1889.
Tanner Machine. — Reel.

Turns 74 Cor. + 3. Depth 77 fms.

Shot or lead 25 lbs.

Bottom C.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 60° Surface 59° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.42.35	44.40	0		
43.10	9.43.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 1961 Hydro. Date Sept. 1st 1889.

Tanner Machine. — Reel.

Turns 71 Cor. + 3 Depth 74 fms.

Shot or lead 75 lbs.

Bottom C.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.8°

Air 60° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.04.35

06.25

0

05.13

10.05.25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

1897

No. 1962 Hydro. Date Sept. 1st 1889.

Tanner Machine. — Reel.

Turns 72 Cor. + 3 Depth 75 fms.

~~Shot~~ or lead 25 lbs.

Bottom C.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 60° Surface 59° Drift.

Trawl or dredge or tangles

A.M.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.40.45

12.30

0

41.18

10.41.30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 507.

No. 1963 Hydro. Date Sept. 1st 1889.

Tanner. Machine. Reel.

Turns 59 Cor. + 2. Depth 61 fms.

Shot or lead 25 lbs.

Bottom Rky.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.7°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

11.03.25

05.05

03.55

11.04.05

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

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

SERIAL TEMPERATURE.

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

REMARKS.

Abr	Meaning	Abr	Meaning
C	Clay.	lge	Large
Co	Coral	cky.	Rocky
For		sft.	Soft
G	Gravel	sml	Small
Glob	Golbequina	stk	Sticky
M.	Mud.	sft.	Soft.
Oz.	Oze	bk.	Black
P.	Pebbles	br.	Brown
Pter.		bw	Blue
R.	Rocks	choc	Chocolate
S.	Sand.	dk	Dark
Sh.	Shells.	gn	Green
Sp.	Specks.	rd	Red
St.	Stones	slat	Slate
brk	Broken	yl.	Yellow
gy	Gray		
lt.	Light		
Wh.	White		
crs	Coarse		
fine	Fine		
hd	Hard.		

Tanner Machine

400 turns on reel

Turns

Correction

16 to 38

+ 1

38 " 70

+ 2

70 " 105

+ 3

105 " 142

+ 4

142 " 190

+ 5

190 " 260

+ 6

260 " 384

+ 7