

Dr. 3323-3347
Hyd - 2529-2606

Sigbee Reel *2

Correction Table 220 Cor.

Cor	Sum	Cor	Sum	Cor	Sum
0	50	31	1650	120	3250
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
18	1250	92	2850	220	4440
19	1300	95	2900		
21	1350	99	2950		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
20	1600	116	3200		
21					

Correction

Tanner Reel

348 Turns on Reel

Turns Correction

42 to 72 + 1

73 to 94 + 2

95 to 137 + 3

138 to 193 + 4

196 to 348 + 5

$$\begin{array}{r} 4200 \\ 219 \\ \hline 3981 \end{array}$$

$$\begin{array}{r} 197 \\ 177 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 4200 \\ 475 \\ \hline 3725 \end{array}$$

$$\begin{array}{r} 4200 \\ 450 \\ \hline 3750 \end{array}$$

$$\begin{array}{r} 197 \\ 152 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 4200 \\ 418 \\ \hline 3782 \end{array}$$

$$\begin{array}{r} 4200 \\ 219 \\ \hline 3981 \end{array}$$

219

$$\begin{array}{r} 15 \\ 197 \\ 160 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 197 \\ 158 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 197 \\ 177 \\ \hline 20 \end{array}$$

Net & Tredge No

3323

$$\begin{array}{r} 4200 \\ 575 \\ \hline 3625 \end{array}$$

$$\begin{array}{r} 197 \\ 47 \\ \hline 244 \end{array}$$

$$\begin{array}{r} 197 \\ 170 \\ \hline 24 \end{array}$$

No. 2029 Key Date August 19, 1890
 Tanner Machine. - Reel. -

Turns 42 Cor. + 1 Depth 43 fms

Shot or lead 28 lb

Bottom bk. S

Bottom temperature 41.8

No. of Thermometer 63912 Cor. -

Corrected temperature 41.8

Air 45° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6 20 20 6 21 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

29 m

9 lb.

Calix:

Quar 6.33-

Put 8 handlines over side at 6.22

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

SERIAL TEMPERATURE,

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

REMARKS.

567. 1890

No. 3323 *W* Date Aug. 19. 1890

Tanner Machine. Reel.

Turns 50 Cor. + 1 Depth 51 fms

Shot or lead 28 lbs

Bottom fine bk. S

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift. —

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7 02.20 03.50
03.00 7.03.02

7 18.00 40.00
24.00 7 42.00
26.00 7.40.00

150
200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Put over 9 handlines shot side at 7.00
In at 7.15
Catched: Nix

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

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 Doz. Flounders, Basket Star
 1 Hong fui eel, + 1 Sheel.
 Small Sculpin
 1 St. Sea Urchin
 2 kinds of Star fish

507. J.

No. 2530 *Ny^t* Date August 19th 1890.
Tanner Machine. — Reel.

Turns 41 Cor. + 1 Depth 42 fms.

~~Shot or lead~~ 28 lbs.

Bottom *tk. S. Sh.*

Bottom temperature 42.°

No. of Thermometer 63912 Cor. —

Corrected temperature 42.°

Air 46° Surface 46° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.05.00 8.07.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 hand lines over side at 8.10
 in at 8.40

Caught:— 53 Cod fish.
 5 Halibut.
 3 Sculpins.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Ced

SERIAL TEMPERATURE

Measurements.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 fbs.	Minimum	25	<u>in</u>
50	23 fbs.	Maximum	36	<u>in</u>
100	10½ fbs.	Average	29¼	<u>in</u>
200				
300	25	Males.	28	Females.
400				
500				
600	Halibut Measurements.			
700	6 fbs.	Minimum	26	<u>in</u>
800	32 fbs.	Maximum	43	<u>in</u>
900	15½ fbs.	Average	34	<u>in</u>
1000				

REMARKS.

507.
K.C.B.

No. 2531 Hy^a Date August 19th 1890.
Tanner Machine. — Reel.

Turns 15 Cor. + — Depth 15 fms.

Shot or lead 28 lbs.

Bottom bk. S. & G.

Bottom temperature 44.⁵

No. of Thermometer 63912 Cor. — .1

Corrected temperature 44.⁴

Air 48° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.50.00	8.53.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. 2532 Hyd. Date August 20th 90
 Tanner Machine. - Reel.

Turns 59 Cor. + 1 Depth 60 fms

Shot or lead 28 lb

Bottom bk. S. + G

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
7.53.50	55.40	0		
54.40	7.54.00	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 9 handline over port side at 7.53
 In at 8.12
 Calch. 7 Halibut. 15 lbs. 32 in

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 2533 *Hy* Date August 20th 1890

Tanner Machine. - Reel.

Turns 46 Cor. + 1 Depth 47 fms.

Shot or lead 28 lbs.

Bottom G. & Sh.

Bottom temperature 42.4

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.3

Air 48° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8.31.00

8.34.00

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

10 Hand lines over port side at 8.35 -
In at 8.50

Catch: - 7 Cod Fish
1 Sculpin.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	8 fbs.	Minim ^m	28	^m
50	22 fbs.	Maxim ^m	37	^m
100	15 fbs.	Average.	33 ¹ / ₂	^m
200				
300	1	Males.	6	Females.
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. 2534 *Hyd* Date August 20th 1890.
 Tanner Machine. - Reel.

Turns 38 Cor. + 1 Depth 39 fms.

Shot or lead 28 lbs.

Bottom bk. G. & sh.

Bottom temperature 42.2

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.1

Air 48° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
9.11.00	9.13.00	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		

9 fms line over port side at 9.15
 In at 9.27.
 Caught: 10 Cod fish.
 1 Halibut. 3 lbs. 20 fms.

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

Cod SERIAL TEMPERATURE *Measurements*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	9 fbs.	Minim ^m	27	<u>in</u>
50	15 fbs.	Maxim ^m	33	<u>in</u>
100	11 ³⁰ fbs.	Average	30	<u>in</u>
200				
300	4	Males.	6	Females.
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2535 by Date August 20th 1890.
 Tanner Machine. - Reel.

Turns 30 Cor. + - Depth 30 fms.

Shot or lead 28 lbs.

Bottom bk. s.

Bottom temperature 43.0

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.9

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.46.00 9.48.00

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

2 haul lines over port side at 9.50
 In at 10:05.
 Caught - 28 Cod fish.
 2 Halibut.

25 min
 26 min
 6 lbs.
 6 lbs.

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 fbs	Minim ²⁰⁰	24	²⁰⁰
50	18 fbs	Maxim ²⁰⁰	34	²⁰⁰
100	10 fbs	Average	29 ¹ / ₄ ²⁰⁰	
200				
300	14	Males	14	Females
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

H.C.O.
557.

No. 2536 Hyd. Date August 20th 1890.
Tanner Machine. - Reel.

Turns 36 Cor. + 1 Depth 37 fms.

Shot or lead 28 lbs.

Bottom Fk. S.

Bottom temperature 42.2

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42.1

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
10.24.00	10.26.00	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		

10 Hand line over port side at 10.28.
In at 10.48.

Caught: - 4 Halibut.
1 Cod fish.

30 fms Dredge

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Halibut SERIAL TEMPERATURE *Measurements*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	7 lbs.	Minimum ^m	26	^m
50	9 lbs.	Maximum ^m	27	^m
100	8 lbs.	Average	26 $\frac{1}{4}$	^m
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2537 Hyd Date August 20th 1894
 Tanner Machine. - Reel.

Turns 34 Cor. + 1 Depth 35 fms

Shot or lead 28 lbs.

Bottom H. S. & S.

Bottom temperature 42° 3

No. of Thermometer 63912 Cor. -.1

Corrected temperature 42° 2

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.10.00 11.12.00

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

9 haul lines over port side at 11.13.
 In at 11.22.
 Catch:- 3 Turbot, 1 Sculpin.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

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. 2538 Hy^d Date August 20th 1890.
 Tanner Machine. Reel.

Turns 42 Cor. + 1 Depth 43 fms.

Shot or lead 28 lbs.

Bottom bk. S.

Bottom temperature 41.5

No. of Thermometer 63912 Cor. -

Corrected temperature 41.5

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.53.00

11.55.00

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

10 Hand lines over port side at 11.55 -
 for at 12.11.
 Caught: -
 2 Halibut
 1 Cod fish, 10 lbs. 3 in

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Kalibut Measurements

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	max	8 bts	27 in	
50	min	7 "	25 "	
100	avg	7 1/2	26 .	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3324 *SV* Date *August 20th 1891*

Tanner Machine. Reel.

Turns 106 Cor. + 3 Depth 109 fms

Shot or lead 28 lbs

Bottom ~~bk.~~ bk. S. G. & R

Bottom temperature *None given*

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 47° Surface 47° Drift. $1\frac{1}{2}$ mi WSW & W

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

<i>Pm</i> DOWN.		UP.	TURNS.	<i>Pm</i> DOWN.		UP.
12 41 20		44 20	0	12 47 00		35 35
42 40	12 42 00		100	51 15		33 20
			200	1 00 30		30 15
			300	07 10		27 20
			400	13 10	1-25 40	
			500	36 32		
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

4 kinds small deep sea fishes

Holothurians 4 kinds, large

Shrimps 2 quarts, 2 species Sebastes

4 kinds of sponge, 2 large Asterias

2 " " Worms 3 small Rock fish

Crustacea 2 small crust

Longfin sole 1

5072
EB

No. 3325-50 Date August 20th 1890
Sigsbee Machine. #2 Reel.

Turns 276 Cor. + 8 Depth 284 fms

Shot or lead 38 lb

Bottom gn M

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 50° Surface 49° Drift. 2m ENE.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.		UP.
P.M.				P.M.		
2.10.35		18 45	0	2.20.10		36 10
12 20		17 50	100	24 40		34 20
14 15		16 55	200	27 50		32 15
14 30	2.16.05		300	30.10		29 05
			400	33.30		25 12
			500	36.10		322.50
			600	39 15		20.20
			700	41.15		3. 18.00
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

Past over surface but not all at end 192.50
In at 3.07

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

amphipods
Holothurians 1 Beck ~~Sea urchins~~
Shrimps 1 Pint, 1 Hermit Crab,
 1 Squid *Alligata-fish*
Cy droids, 2 Knid small deep sea
Medusae fishes

H.C. 507. 1013

No. 3326 *D²* Date August 20th 1890.

Sigsbee Machine. #2 Reel.

Turns 528 Cor. + 48 Depth 576 fms.

~~Shot or lead~~ 38 lbs.

Bottom *M.*

Bottom temperature 37.5

No. of Thermometer 63912 Cor. -

Corrected temperature 37.5 2 mi

Air 50° Surface 49° Drift. S.E. x E. 1/2 E.

~~Trawl or dredge or tangles~~ large beam & Mud bag.

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
4. 21. 30	4. 35. 00	0	4. 58. 00	6. 45. 00
		100	5. 03. 00	}
		200	07. 10	
		300	11. 12	
		400	13. 45	
		500	16. 45	
		600	19. 40	
		700	23. 15	
		800	26. 40	
		900	30. 25	
		1000	35. 50	
		1100	40. 00	}
		1200	43. 15	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	52.8	172		
100	39.10	48		
200		528		
300		576		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Net came up badly torn.

Shrimps. Sponge. Worms. Bryozoa.
Hydro. Coralline. Ascidians.

NO. 21.
507.

No. 3327 *Dr* Date August 20th 1890.

Sigsbee Machine. #2 Reel.

Turns 295 Cor. + 27 Depth 322 fms.

Shot or lead 35 lbs.

Bottom *fk. s.*

Bottom temperature 38.2

No. of Thermometer 63912 Cor. -

Corrected temperature 38.2

Air 48° Surface 49° Drift. 2.5 m x 77

Trawl or dredge or tangles *Small beam:*

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
7.49.00	7.58.00	0	7.59.00	9.11.00
		100	8.03.20	08.00
		200	07.00	05.00
		300	10.50	9.02.00
		400	13.10	58.00
		500	17.25	55.30
		600	22.30	53.00
		650		
		700	25.10	8.50.00
		800	2	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	49.5	193		
100	41.45	27		
200		295		
300		322		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Few shrimps & kinds of small deep sea fishes

No. 2539 Hy Date Aug 20. 1890

Sigsbee Machine. Reel.

Turns 572 Cor. + 52 Depth 624 fms

Shot or lead 38 lb

Bottom fm. m

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 44° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
P.M. 10 55.10	21.10	0		
56 40	17 15	100		
57 30	14 13	200		
59.40	12 00	300		
11 01.00	09 10	400		
02.15	06 15	500		
03.10	11 04.10	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

No. 3328 *55* Date August 21st 1890.

Sigsbee Machine. #2 Reel.

Turns 530. Cor. + 48. Depth 578 fms.

~~Shot or lead~~ 38 lbs.

Bottom M.

Bottom temperature 37°

No. of Thermometer 63912 Cor. -

Corrected temperature 37°

Air 47° Surface 48° Drift. 1' N. N. E.

~~Trawl or dredge or tangles~~ large beamt Mud bag.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.04.30	6.23.15	0	6.25.00	—
		100	29.10	—
		200	32.50	47.10
		300	37.00	41.20
		400	40.40	35.15
		500	44.10	28.30
		600	47.50	22.40
		700	52.15	16.10
		800	56.10	08.00
		900	7.00.30	8 12.00
		1000	06.15	56.00
		1100	11.00	50.00
		1200	15.30	7.44.00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4440	220		
50	530	172		
100	3910	48		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wire broke in hauling in at
180 fms. Lost 1 large beam trawl
& 1 mud bag, and 180 fms
wire

No. 3329 Date August 21 1891

Sigsbee Machine. 2 Reel.

Turns 365 Cor. + 34 Depth 399 fm

Shot or lead 38 lb

Bottom fine bk. s.

Bottom temperature 37.7

No. of Thermometer 63912 Cor.

Corrected temperature 37.2

Air 52° Surface 57° Drift. 1' NE 1/8 N

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9 30.30	40.00	0	9.45.20	11 01.20
31 40	38.40	100	49.50	58.40
32 50	37.55	200	53.45	56.10
34.00	37.00	300	57.20	53.20
34 30	9.36.50	400	10.00.10	50.40
		500	13.04	48.20
		600	06.40	45.35
		700	10.10	42.10
		800	13.50	10.38.00
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
4440	3000	
365	3100	
4075	3200	
220	3300	
186	3400	
34	3500	
365	3600	
399	3700	
	3800	
	3900	
	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 Crab, Ophiridae, Sculpin,
 124. Shrimps - 4 species
 224. Worms. 1 Sea Octopus
 20 Macrurus, Shells; 1 Hermit Crab
 Many specimens Cyclopes 1 starfish
 Heligasterites. 2 Sea Urchins

No. 3330 Date August 21st 1890
 Sigbee Machine. 2 Reel.

Turns 321 Cor. + 30 Depth 351 fms

Shot or lead 38 lb

Bottom bk S + M

Bottom temperature 37.8

No. of Thermometer 63912 Cor. —

Corrected temperature 37.8 7.0 mi

Air 52° Surface 51° Drift. N.E. + E. 1/4 E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.47.30	36 10	0	11.57.40	1.00.00
48 3.0	53.30	100	12.01.00	57.15
49 3.0	54 30	200	04.50	54.10
50 10	11.53.40	300	08.40	51.40
		400	12.30	48.30
		500	17.00	45.50
		600	20.40	43.00
		700	12.24.00	12.40.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

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

REMARKS.

Sponges. ^{6 sps} Star fishes. ^{4 sps} Shrimps.
 1 ph. Ophiurans. 1 qt. Worms. ^{1 do} Red Rock fish.
 1 ph. Holothurians. Coral. ^{1 do} Antimora.
 1 ph. Sea Urchins. ^{2 do} Alligator fish.
 1 ph. Crinoids. ^{1 do} Sea Anemones.
 1 Octopus. few shells.

No. 3331 *52* Date August 21st 1890.

Sigsbee Machine. *2* Reel.

Turns 320 Cor. + 30 Depth 350 fms.

~~Shot or lead~~ 38 lbs.

Bottom *M.*

Bottom temperature 44.3 (1)

No. of Thermometer 63912 Cor. —

Corrected temperature — *7/10 mi*

Air 51° Surface 52° Drift. N.E. x E. 1/4 E.

~~Trawl or dredge or tangles~~ *Large beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>P.M.</i> 1. 22. 00	1. 32. 30	0	1. 30. 00	53. 00
		100	34. 20	48. 50
		200	38. 40	45. 00
		300	45. 00	41. 40
		400	49. 20	38. 00
		500	53. 40	34. 40
		600	57. 20	31. 10
		700	2. 01. 40	2. 28. 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.10	220		
50	32.0	110		
100	41.20	30		
200				
300				
400				
500				
600				
700				
800				
900	1 Long-fin Sole.			
1000	Sebastolobus			

Large Red Rock Cod. *Ethereuthis*
Mayna.
 1 day kinds choice Star fish. *Sponges*.
Holothurians. many *Cinnoids*.
Sea Urchins. *Sea Mice*. *Ophiurans*.
Actinophytans. *Sea Anemones*.
Pycnogonids. *Worms*. 3 sps. *Shrimp*.
Alligator fish. 200 sps. *Small deep sea*
fishes.

567.
SEP

No. 3332 Date August 21st 1890.

Sigsbee Machine. #2 Reel

Turns 372 Cor. + 34 Depth 406 fms.

Shot or lead 38 lbs.

Bottom Rky & S.

Bottom temperature Therm² lost.

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 52 Surface 52 Drift. 12 N E

Trawl or dredge or tangles large beam.

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP.	
3.15.00	—	0	3.25.00	4.31.12	
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800	32.00	4.09.45	
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	37.2	186		
100	40.70	34		
200		372		
300		406		
400				
500	Note.			
600	Wire parted at a flaw +			
700	240 fms. - 1-38th lead, and			
800	N.Y.Z. Therm? #63912 were lost			
900				
1000				

	REMARKS.
Crinoids.	Normo.
Ophiurans.	1 Macurus.
1 Hermit Crab.	1 Sebastolobus.
2 large Crabs.	Star fishes.
	Holothurians.
Note.	Trawl net badly torn on rocks.

1562
367.

No. *3333 D* Date *August 22^d 1890.*
Tanner Machine. - Reel.

Turns *19* Cor. + *—* Depth *19 fms.*
~~Shot or lead~~ *28 lbs.*

Bottom *gn. M.*

Bottom temperature *44.3*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *43.9*

Air *46°* Surface *48°* Drift *N. N. E*

Trawl or dredge or tangles *Small Beam.*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A.M. 6.30.00 6.32.00

0

A.M. 6.33.00 50.00

⁶⁰⁰
100

35.00 6.47.00

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.

1/2 bu. Star fishes. New Shrimps -
 1 pt. Worm tubes. 1 Deep Sea Sole (small)
 1 pt. Small Crabs. 2 Small Skuas.
 few Sea Hecchins. 1 Sculpin.
 Hermit Crabs. few small.

507

No. 2540 Hy^e Date August 22^d 1890.
 Hand lead Machine. Reel.

Turns — Cor. + — Depth 19 fms.

Shot or lead 12 lbs.

Bottom M.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.35.50	6.36.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

567.

No. 2541 Hy^a Date August 22¹ 1890
 Tanner Machine. - Reel.

Turns - Cor. + - Depth 17 fms.

Shot or lead 12 lbs.

Bottom gn. M.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6,50.00 6,51.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS,

1552.
567.

No. 2542 Hyd. Date August 22nd 1890.
Hand lead Machine. Reel.

Turns - Cor. + - Depth 19 fms.

Shot or lead 12 lbs.

Bottom S. & M.

Bottom temperature -

No. of Thermometer - Cor. - .

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.10.00	7.12.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2543 Hyd. Date August 22^d 1890-

Tanner Machine. - Reel.

Turns 35 Cor. + — Depth 35 fms.

Shot or lead 28 lbs.

Bottom fine. gy. s.

Bottom temperature 43.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 43.2

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.21.00 7.22.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

No. 3334 *51* Date August 22^d 1890.

Tanner Machine. — Reel.

Turns 49 Cor. + 1 Depth 50 fms.

Shot or lead 28 lbs.

Bottom M. & S.

Bottom temperature 43°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 42.6 7/10 min.

Air 47° Surface 41° Drift. N. N. W. 1/2 W.

Trawl or dredge or tangles Small Beam.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.31.00

7.32.00

0

7.33.00

58.00

100

41.00

7.54.00

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.

Few Star fish. Shells.
 Crabs (small). Few Shrimps.
 Worms in tubes. Hermit Crabs.
Small Fishes.

1890
587.

No. 2544 Hy^d Date August 22^d 1890.
Tanner Machine. - Reel.

Turns 62 Cor. + 1 Depth 63 fms.

Shot or lead 28 lbs.

Bottom fine s. + m.

Bottom temperature 42.2

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 41.8

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.56.00	7.58.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2545 Hyd. Date August 22.90
 Tanner Machine. — Reel. —

Turns 63 Cor. + 2 Depth 65 fms

Shot or lead 28 lb

Bottom fine gy. S. + M.

Bottom temperature 41.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 41.1

Air 47° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.16.00	8.17.30	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. 3335-5^v Date August 22. 1890

Tanner Machine. Reel.

Turns 91 Cor. + 2 Depth 93 fms

Shot or lead 28 lb

Bottom M.

Bottom temperature 41° 5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.5

Air 47° Surface 47° Drift. 4 mi N. A. N

Trawl or dredge or tangles Small Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.29.00	8.31.55	0	8.34.15	9 12.00
		100	37.10	1
		190		
		200	40.00	8.35.10
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Shrimps Worms. Shells. Hermit-
Crab. Starfish. Sea Urchins

No. 2546 Hyd Date August 22 1890

Hand Reel Machine. Reel.

Turns 29 Cor. + 0 Depth 29 fms

Shot or lead 12 lbs

Bottom bk b

Bottom temperature

No. of Thermometer / Cor.

Corrected temperature

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.21.00 9.22.00

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 10 handlines for sides at 9.22
 Swab 9.42
 Calch 22 lead
 2 14 lb but

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

Cod Measurements

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min.	6 lbs	24	ins
50	Max	16 "	34	"
100	Avg	12 3/4 "	29 1/2	"
200	male 8.	female 14		
300				
400	<i>Local but Measurements</i>			
500				
600	Min.	5 lbs	23	in
700	Max	5 1/2 "	23	"
800	Avg.	5 1/4 "	23	"
900				
1000				

REMARKS.

No. *2547 Hy* Date *August 22nd 1890**Hand* ~~Lead~~ Machine. Reel.Turns *17* Cor. + *0* Depth *17 fms*Shot or lead *12 lb.*Bottom *bk. G*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *50°* Surface *50°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*9.53.00**9.54.00*

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 handlines over port side at 9.53
 In at 10.00
 Calch: 3 Healed but*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Halibut Measurements
SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>min</i>	<i>3 1/2 lb</i>	<i>20</i>	<i>in</i>
50	<i>max</i>	<i>8</i>	<i>26</i>	<i>"</i>
100	<i>avg</i>	<i>6.</i>	<i>24</i>	<i>"</i>
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

8813
567.

No. 2548 Hy^d. Date August 27th 90
Tanner Machine. Reel.

Turns 53 Cor. + Depth 54 fms

Shot or lead 28 lb

Bottom fine bk. S

Bottom temperature 42.2°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 41.8

Air 50° Surface 50° Drift.

Trawl or dredge or tangles

Put over 8 hauls on port side at 10.12
Swab 10.28
Catch: 1 Cod fish
1 Atherines

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10 12.20 10.14.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

Cod Fish Measurements

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min	11 1/2 lbs	29	in
50	Max	17 1/2 "	31 1/2	'
100	Avg	14 "	30	'
200				
300	3 males & 2 females			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3336 Date August 22/1896

Tanner Machine. — Reel. —

Turns 34 Cor. +

Depth 55 fms

Shot or lead 28 lb

Bottom fine. bk. s

Bottom temperature 42°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 41.6

Air 50° Surface 50° Drift. 0.3 South (2)

Trawl or dredge or tangles Small Bean

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.41.01	10.43.00	0	10.46.50	03.50
		100	50.20	11.00.00
		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.

3 Flounders.
Two shrimp

2613
557.

No. 25494 Date Aug. 22 1899

Tanner Machine. Reel.

Turns 14 Cor. + 1 Depth 45 fms

Shot or lead 28 lb

Bottom fine bk. s.

Bottom temperature 42.8°

No. of Thermometer 67260 Cor. - 0.4

Corrected temperature 42.4

Air 50° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11 10 00	11 11 20	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pul over 7 hauls for side at 11 12

In at 11.27

Catch: 3 Cod fish

1 Hake

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Cod

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Max</i>	<i>13 lb</i>	<i>3 1/2 in</i>	
50	<i>Min</i>	<i>4 "</i>	<i>22 "</i>	
100	<i>Arg</i>	<i>9 7/8 "</i>	<i>27 "</i>	
200				
300	<i>2 Females</i>		<i>1 Male</i>	
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. 2550 Hy? Date August 22 90
 Tanner Machine. Reel.

Turns 46 Cor. + 1 Depth 47 fms

Shot or lead 28 lb

Bottom bn. M.

Bottom temperature 43.7

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 43.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

Put over 7 handlines at 11 41 foot wire

In at 11 52

Catch: 2 Codfish

11 40.30 11 42.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600*	
	3700	
	3800	16 1/2
	3900	
	4000	

Cod Measurements

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Min</i>	<i>4 1/2 lbs</i>	<i>23</i>	<i>in</i>
50	<i>Max</i>	<i>21 "</i>	<i>36</i>	<i>"</i>
100	<i>Arg</i>	<i>12 1/2</i>		
200	<i>2 Females</i>			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2551 Hy^a Date August 22^e 1890.

Tanner Machine. - Reel.

Turns 57 Cor. + 1 Depth 58 fms.

Shot or lead 28 lbs.

Bottom br. M.

Bottom temperature 42.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 42.1

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.03.00	12.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2554 Hy^d Date August 22^d 1890.
Hand lead Machine. - Reel.

Turns - Cor. + - Depth 13 fms.

~~Shot or lead~~ 12 lbs.

Bottom crs. bk. S.

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12.22.00 12.23.10

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

8 hand lines over port side at 12.22.
In at 12.30.
Caught 1 Turbot.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 2553 *Hy* Date *Aug 26th* 1890.

Tanner Machine. Reel.

Turns *41* Cor. + *u* Depth *4 fms*

Shot or lead *28 lb*

Bottom *R.*

Bottom temperature *35.0*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *34.3*

Air *46* Surface *47* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

H 01.00 *02.00*

01.30 *H 01.35*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2554 *Day* Date August 26. 90
Tanner Machine. Reel.

Turns 26 Cor. + 0 Depth 26 fms

Shot or lead 28 lbs

Bottom Sh. + R.

Bottom temperature 46.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 45.8

Air 46 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.30.00

4.31.00

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 6 handlines over port side at 4.31
 Swat 4.36
 Catch: 1 scudpan.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 2555 *Hy^d* Date August 26th 1890.
Tanner Machine. Reel.

Turns 47 Cor. + 1 Depth 48 fms.

Shot or lead 28 lbs.

Bottom *S*

Bottom temperature 45.3

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 44.9

Air 54° Surface 46° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5.17.00	5.18.00	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		

6 hauls hauled over port side at 5.17.
 In at 5.27
 Caught - 1 Cod 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.

H.C.S.
507.

No. 3337 *DE* Date August 27th 1890.

Sigsbee Machine. *82* Reel.

Turns 257 Cor. + 23. Depth 280 fms.

~~Shot or lead~~ 38 lbs.

Bottom gn. M. Y R.

Bottom temperature 40°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 39.3

Air 50° Surface 51° Drift. *mi* E. N. E.

Trawl or dredge or tangles *Large beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

mi DREDGE ROPE.

DOWN.

UP.

6.01.00	6.07.00	0	6.17.00	7.28.00
		100	43.00	6.56.00
		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	42.00	197		
50	25.7	174		
100	39.40	23		
200		257		
300		280		
400				
500				
600				
700				
800				
900				
1000	note	Trawl net slightly torn.		

REMARKS.

8 Red Rock fish. 1 Octopus.
 1 large Macrurus. 1/2 dozen Eelgrass fish.
 5 sps. Star fish. 3 sps. Ophiurans.
 sev'l sps. Sponges. Sea Urchins. Shells.
 Sea Mice - few Shrimps. Sea Anemones.
 sev'l Worms. few Brachiopods.

No. *2556* Hy Date *August 27th 1890*
Sigsbee Machine. Reel. *2*

Turns *569* Cor. + *50* Depth *619*

Shot or lead *38 lbs*

Bottom *gn cr*

Bottom temperature *38.5*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *37.8*

Air *60°* Surface *55°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

W	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
<i>11.58.59</i>			0		
<i>59.40</i>			100		
<i>12.00.35</i>			200		
<i>01.20</i>			300		
<i>02.15</i>			400		
<i>3-30</i>			500		
<i>04-</i>		<i>12-47-0</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.

42.00
56.9
363.1
197
147
—

No. 2557 *Hy^L* Date August 27th 1890.*Sigsbee* Machine. #2 Reel.

Turns 499 Cor. + 43 Depth 542 fms.

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

Bottom temperature 38.8

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 38.1

Air 59° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5.03.00	5.19.30	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	42.00	197		
50	37	154		
100		43		
200		190		
300		542		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

813
607.

No. 2558 Hy Date Aug. 27. 90

Sigsbee Machine. #2 Reel.

Turns 697 Cor. + 59 Depth 756 fms

~~Shot or lead~~ 38 lb

Bottom gn. m

Bottom temperature 37° 3

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 36.6

Air 52° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
11. 04.00	26.50	0		
05.30	25.50	100		
06.45	24.55	200		
07.50	24.00	300		
09.10	23.00	400		
10.30	22.55	500		
12.00	21.35	600		
13.40	11.19.20	697		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

H200

697

3503

187

138

59

SERIAL TEMPERATURE,

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

REMARKS,

No.

333857

Date

August 28/90.

Sigsbee

Machine.

Reel.

2

Turns

575

Cor. +

50

Depth

625

Shot or lead

38 lb.

Bottom

gn m + sand

Bottom temperature

38.2

No. of Thermometer

57260

Cor. - 0.7

Corrected temperature

37.3

Air

52

Surface

51

Drift.

N 2 x E 2.5 m

Trawl or dredge or tangles

Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
5-4-45	5-20-45	0	5-32-10	7-27-0
		100	36-15	
		200	41-15	
		300	45-0	
		400	49-0	
		500	51-0	
5-11-30	5-14-0	575	54-0	
		600		
		700	56-45	7-7-45
		800	6-0-0	
		900	4-0	
		1000	8-0	
		1100	11-30	
		1200	6-15-0	
		1300	19-0	6-49.30
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	A few Small Deep-sea Fishes.			
800	1 Cu. Deep-sea Coral. - very Choice.			
900	1 Deep-sea Skate. 1 qt. (4 sp.) Shrimps.			
1000	2 qts. Ophiurans. 2 qts. Crinoids.			
	2 qts. Simple Arm-Astrophytons; 5 sps.			
	Deep-sea Star fish. 1 pk. Pennatula;			
	4 large Sebactolobus; 2 doz. Macrurus;			
	Sponge; 1 Large & 2 Small Deep-sea Crabs;			
	1 qt. Alcyonarians; & 3 Squid; Sea Mice;			
	Sea Anemones; few Shells; Naked			
	Mollusks; Holothurians.			

No. 3339 *Dr* Date August 28th 1890.
Signature Machine. *2* Reel.

Turns 127 Cor. + 11 Depth 138 fms.

~~Shot or lead~~ 38 lbs.

Bottom M. + G.

Bottom temperature 38.4

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 37.4

Air 53° Surface 52° Drift. 2^{mi} E. N. E.

Trawl or dredge or tangles Large beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.03.00	5.06.50	0	5.13.00	13.30
		100	32.00	6.00.00
		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	42.00	199		
50	41.70	186		
100		11		
200				
300				
400				
500				
600				
700	1 Large Crab, sev'l sps. Sponge,			
800	4 sps. Star fish, 1. Actophyton,			
900	3 sps. Ophiurans, Brachyopods,			
1000	1/2 doz. sps. Shrimps.			

1 bu. Haddock, REMARKS 1 bu. Red Rock Fish.
 Holothurians, sev'l sps. Small Fishes.
 1 pk. Crinoids, 1 qt. Shells,
 1 Large Deep-sea Sole - 7 lbs.

No. 3340 *Dr* Date Aug 29. 1890
 Sigsbee Machine. ¹² Reel.

Turns 640 Cor. + 55 Depth 695 fms

~~Shot or lead~~ 38 lb

Bottom M

Bottom temperature 37.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 36.8

Air 54° Surface 52° Drift. 2^{mi} E. & E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

Am DOWN.

Am UP.

TURNS.

DOWN.

Am UP.

6. 03 10	19 55	0	6. 25 45	35-0
(19. 00	100	29 00	33-0
	18 12	200	32. 50	30-0
	17. 25	300	36. 20	27-0
	16 40	400	39. 00	24-0
	15 10	500	43 35	21-0
	13. 20	600	45 25	18-0
6. 10 00	6. 12 45	600 700	48 15	15-0
		800	52 30	12-0
		900	55. 10	9-0
		1000	59. 40	6-0
		1100	7. 03. 30	03-0
		1200	06 35	8. 00. 40
		1300	10. 00	56 00
		1400	14 30	7. 53. 00
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	545 small Crustaceans			
1000	Shrimps			

5 or 4 species Shells

REMARKS.

small Hermit Crab

1 Pink Lithodes Crab

Surfscout staro

50 Macrurus 4 species

1 Mayra fish, few Sebastes,

1 exceedingly large Macrurus,

507.

No. 2559 Hyd Date August 29th 1890.
Sigsbee Machine. #2 Reel.

Turns 453 Cor. + 41 Depth 494 fms.
Shot or lead 38 lbs.

Bottom gn. M. + S.

Bottom temperature 38.6

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 37.9

Air 54° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 03. 20	12. 21. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
6 00 00	6 00 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	42.00	197		
50	45.3	158		
100	37.50	41		
200		45.3		
300		49.4		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

8615.
967.

No. 3341 ^{SV} Date Aug. 29 '90
Sigsbee Machine. 2 Reel.

Turns 62 Cor. + 5 Depth 67 fms

Shot or lead 38 lb

Bottom fine gy. s.

Bottom temperature 41.8

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 41.1

Air 55° Surface 54° Drift. 1' N E x N

Trawl or dredge or tangles Cargo Beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5 05 10	07 30	0	5 13 45	51.00
06 00	5 06 05	100	17 05	48.00
		200	22 05	45.00
		300	Trawl came up empty	
	Lowered again	400	5 38.50	6.26.00
		500	56.00	23.30
		600	6.00.00	21.00
		700	03.00	6.20.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
42 00	3000	
62	3100	
4138	3200	
	3300	
197	3400	
192	3500	
5	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

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

REMARKS.

2 Rock Cod + a few shrimps

5671 *Feb 13*

No. 2560 *key* Date *Aug. 29. 90*

Sigsbee Machine. #2 Reel.

Turns *190* Cor. + *17* Depth *207 fms*

Shot or lead *38 lbs*

Bottom *M*

Bottom temperature *40.2°*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *39.5*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>7.50.10</i>	<i>57.20</i>	0		
<i>50.50</i>	<i>55.50</i>	100		
<i>51.30</i>	<i>7.54.00</i>	<i>190</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4200
 190
 4010
 197
 180
 17
 190
 207

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

SERIAL TEMPERATURE,

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

REMARKS.

567.

No. 2561 Hy^d Date August 29th 1890.

Sigsbee Machine. *2 Reel.

Turns 1066 Cor. + 86 Depth 1152 fms.

Shot ~~or lead~~ 60 lbs.

Bottom fm M.

Bottom temperature 36.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.5

Air 54° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.45.00	11.09.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197		
50	1066	111		
100	3134	86		
200		1066		
300		1152		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2562 Hy Date Aug 30th 90

Sigsbee Machine. 02 Reel.

Turns 2053 Cor. + 14 Depth 2197 fm

Shot or lead 60 lb

Bottom fu. M.

Bottom temperature 35.6

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 34.9

Air 55 Surface 64 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
2. 08. 00	54. 00	0		
09. 10	53. 40	100		
10. 10.	52. 35	200		
11. 20	52. 15	300		
12. 50	51. 30	400		
14. 00	50. 45	500		
15. 00	50. 00	600		
16. 00	49. 10	700		
16. 55	48. 20	800		
17. 55	47. 30	900		
18. 50	46. 40	1000		
19. 50	45. 50	1100		
20. 40	45. 00	1200		
21. 53	44. 15	1300		
22. 45	43. 45	1400		
23. 50	42. 45	1500		
24. 40	41. 30	1600		
25. 35	40. 00	1700		
26. 50	38. 30	1800		
28. 00	36. 20	1900		
29. 10	34. 30	2000		
30. 45	2. 31. 50	2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4200

2053

2147

197

53

144

SERIAL TEMPERATURE.

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

REMARKS.

No. 2563 Hy^d Date August 30th 1890
 Sigbee Machine. #2 Reel.

Turns 2458 Cor. + 162 Depth 2620 fms.

Shot or lead 60 lbs.

Bottom *gr. m.*

Bottom temperature 35.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 34.5

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 52.50	48.00	0		
6. 22.00	6. 25.00	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	4200	197		
50	2458	35		
100	1740	162		
200		2458		
300		2678		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2564 Date

Aug. 30/90

Sigsbee

Machine.

Reel.

2

Turns 2762 Cor. + 173

Depth 2935

Shot or lead 60 lbs

Bottom fine bk s & dr oz

Bottom temperature 35.1

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 54 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9-29-0	10-31-0	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		

10-08-30 10-06-0		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

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

REMARKS.

No. 2565 Hy Date Aug. 30 1890

Sigsbee Machine. #2 Reel.

Turns 2752 Cor. + 173. Depth 2925 fms

Shot or lead 60 lb

Bottom

Bottom temperature 36°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 35.3

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
1	55 00	3 02.00	0		
	57 00	2 01.00	100		
	59 00	3 00.00	200		
2	00 15	59 00	300		
	01 15	58 00	400		
	02 15	57 00	500		
	03 20	56 10	600		
	04 25	55 20	700		
	05 23	54 30	800		
	06 28	53 40	900		
	07 40	52 50	1000		
	08 50	51 50	1100		
	10 05	50 55	1200		
	11 20	50 00	1300		
	12 35	49 10	1400		
	13 47	48 00	1500		
	15 00	47 05	1600		
	16 22	46 10	1700		
	18 00	45 15	1800		
	19 25	44 15	1900		
	20 55	43 25	2000		
	21 40	42 30	2100		
	22 50	41 40	2200		
	24 50	40 40	2300		
	27 30	2 39 56	2400		

2	28.40	39.00	2500		
	29.50	36.00	2600		
	30.30	23.10	2700		
			2800		
			2900		
			3000		
			3100		
			3200		
			3300		
			3400		
			3500		
			3600		
			3700		
			3800		
			3900		
			4000		

4200
 2752
 1448
 197
 24
 173
 2752
 2925

SERIAL TEMPERATURE,

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

REMARKS.

No. 2566 Hy¹ Date August 30th 1890.
 Sigbee Machine. #2 Reel.

Turns 2608 Cor. + 168 Depth 2776 fms.

Shot or lead 60 lbs.

Bottom gy. sz.

Bottom temperature 35.6

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 34.9

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7. 11. 30	8. 14. 00	0		
45. 00	7. 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	42.00	197		
50	26.08	29		
100	15.92	168		
200		2608		
300		2776		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2567 *Hy* Date *Aug 31st 90*
Sigsbee Machine. ^N2 Reel.

Turns 2260 Cor. + 154 Depth 2414 fms

Shot ~~or lead~~ 60 lb

Bottom *fr. M.*

Bottom temperature 35.2

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air *54* Surface *52.6* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>4</i> 16.00	5. 16.00	0		
17.00	14.00	100		
18.00	13.00	200		
19.00	09.00	300		
20.00	07.00	400		
21.00	05.00	500		
22.00	03.00	600		
23.00	01.10	700		
24.00	5. 00.20	800		
25.00	59.30	900		
26.15	58.40	1000		
27.20	57.50	1100		
28.30	57.00	1200		
30.00	56.10	1300		
32.10	55.20	1400		
34.20	54.30	1500		
35.30	53.40	1600		
36.40	52.50	1700		
37.50	52.00	1800		
39.00	51.00	1900		
40.10	50.00	2000		
41.20	49.00	2100		
42.15	48.00	2200		
43.20	44.50.00	2260 2300		
		2400		

4200
 2260
 1940
 197
 43
 134
 2260
 2414

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

SERIAL TEMPERATURE,

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

REMARKS.

567.

No. 2568 Hyd Date August 31st 1890
Sigsbee Machine. #2 Reel.

Turns 1990 Cor. + 142 Depth 2132 fms.
Shot or lead 60 lbs.

Bottom gy. Oz.
Bottom temperature 35.8

No. of Thermometer 57260 Cor. - 0.7
Corrected temperature 35.1

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.42.00	28.00	0		
8.05.00	8.08.00	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	4200	197		
50	1990	55		
100	2210.	142		
200		1990		
300		2132		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

542
J.S.D.
N.C.D.

No. *2569* Key *9* Date *Sept. 1. 1890*
Sigsbee Machine. *2* Reel.

Turns *1830* Cor. + *133* Depth *1963 fms.*

Shot or lead *60 lbs.*

Bottom *gy. oz. bk. S.*

Bottom temperature *35.1°*

No. of Thermometer *57260* Cor. - *0.7*

Corrected temperature *35.1*

Air *57°* Surface *56°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>P.M.</i> 4.46.00	5.27.00	0		
5.13.00	5.14.00	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	42.00	197		
50	18.30	64		
100	23.70	133		
200		2370		
300		1830		
400		1963		
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2570 Ky. Date Sept. 2/90.

Sigsbee Machine. Reel. 2

Turns 1540 Cor. + 115 Depth 1655

Shot or lead 60 lbs.

Bottom Lt br Og

Bottom temperature 36.2

No. of Thermometer 57460 Cor. -0.7

Corrected temperature 35.3

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-15-30	1-45-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
1-30-30	1-32-0	1500		
		1600 ⁴⁰		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

197
 82
 115
 4200
 1560
 2660

MS. 661.

No. 2571. Hyl Date Sept 2 3^d 1890.
 Sigbee Machine. #2 Reel.

Turns 1455 Cor. + 111. Depth 1566 fms.
 Shot or lead 60 lbs.

Bottom gy. oz. tr. m. & s.

Bottom temperature 36-

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.3

Air 57° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.29.00	9.08.00	0		
49.00	8.50.30	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	42.00	197		
50	14.55	86		
100	27.45	111		
200		1455		
300		1566		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3342 ⁵⁰⁷ Date Sept. 3. 1890

Sigsbee Machine. 2 Reel.

Turns 1475 Cor. + 113 Depth 1588 fms

Shot or lead 60 lb

Bottom gy. G. as S.

Bottom temperature 36°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.3

Air 56° Surface 57° Drift. 1^{mi} 8.E. x E.

Trawl or dredge or tangles Large Bean

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
0.00	35.30	0	4.37.00	7.46.00
0.5 40	35.00	100	40.50	44.00
06.35	34.30	200	43.10	42.12
07.25	33.40	300	47.15	40.10
08.20	32.00	400	49.05	39.41
09.10	31.20	500	52.30	36.40
10.05	30.35	600	56.10	32.10
11.05	29.55	700	59.55	28.10
12.00	29.10	800	5.04.10	23.55
12.55	28.20	900	08.20	18.10
14.00	27.20	1000	12.10	14.00
15.05	26.25	1100	16.45	10.12
16.10	25.05	1200	19.30	06.10
17.20	23.30	1300	22.00	03.50
18.30	22.10	1400	25.00	7.00.10
19.20	4.20.20	1475	28.00	55.00
		1500	30.00	50.00
		1600	34.15	45.10
		1700	37.20	40.00
		1800	39.40	36.20
		1900	42.30	32.00
		2000	45.10	28.00
		2100	49.20	24.00
		2200	52.00	6.20.00
		2300	56.10	6.15.00
		2400		

197
84
113

4200
1475
2725

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600	Very choice haul			
700				
800				
900				
1000	2 Kind of Macrurus			

REMARKS.

1 Octopus, 2 kinds of Coral, Stalked Crinoids
~~Shrimps~~ Barnacles Shrimps 2 kind,
 Sea Anemonies, 1 Serpet Star,
 Crabs, Hydroids, 1 Large Skate,
 Amphipods, Serp. Antimora
 3 kinds of Star fish Several kinds of Fishes

0441

No. 3343 Sr. Date Sept 21/90.
 Sigbee Machine. Reel. # 2

Turns 475 Cor. + 41 Depth 516

Shot or lead 38 lbs.

Bottom gn m

Bottom temperature 39.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 38.8

Air 53 Surface 54 Drift. 2^m S 2 S

Trawl or dredge or tangles Large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-09-0	9-15-0	0	9-27-45	11-01-0
10-0	18-0	100	31-30	59-0
11-0	20-0	200	34-0	57-30
12-0	21-30	300	37-0	51-30
13-0	22-30	400	40-0	49-30
14-30	24-0	500	43-0	47-30
		600	46-30	45-0
		700	50-30	41-30
		800	53-0	38-0
		900	56-15	34-0
		1000	10-0-0	10-30-0
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

900 1 bush. Ophiurans, 4 species.
1000 1/2 pk Crinoids, ~~Chrysoidea~~, Grabs.

Holothurians. Shells. *Squilla*
REMARKS.
Sea Anemones. Small Pectans
Sea Pans. Worms. Hag fish.
1/2 bush *Scapastolatus*. *Mayne*
2 species *Morocurus* } several kinds
2 species *duple* sea. Sole. } small Fish

567. J.E.B.

No. 3344 SE Date Sept² 21st 1890.

Sigsbee Machine. #2 Reel.

Turns 767 Cor. + 64 Depth 831 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 37.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 36.8

Air 55 Surface 52 Drift. -

Trawl or dredge or tangles large beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
1. 01. 30	19.30	0	1. 24. 15	4. 07. 00
12. 15	1. 13. 00	100	2. 16. 30	2. 46. 00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	767	1.97	
50	76.7	64	133	
100	34.33	831	64	
200				
300	Stop gave way on tridle and dredge came up side- down.			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 fish,
1 Large starfish
a few small Holothurians

No. 3345 Sr. Date Sept 22^d / 90
 Sigsbee Machine. Reel. #2
 Turns 700 Cor. + 59 Depth 759
 Shot or lead 60 lbs.
 Bottom gy M
 Bottom temperature 38
 No. of Thermometer 57260 Cor. - 0.7
 Corrected temperature 37.3
 Air 56 Surface 57 Drift. 2.3 SW 1/2 S
 Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-21-50	5-41-0	0	5-51-0	54-0
23-0	40-0	100	55-0	
25-25	39-0	200	59-0	
26-30	38-0	300	6-08-0	
28-0	37-0	400	06-0	
29-30	36-0	500	09-45	
31-0	35-0	600	12-0	
33-30	5-34-0	700	15-0	
		800	18-0	
		900	22-45	
		1000	26-0	27-30
		1100	30-45	24-0
		1200	35-0	21-0
		1300	37-30	18-30
		1400	41-0	15-45
		1500	44-0	7-11-30
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl came up
 capped.

	2500	
	2600	
1.2.1	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

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

REMARKS.
 few Crinoids. few Ophiurans.
 " Star fishes.
 1 Sebastolobus. 2 Macrurus.

No. 3346 Date Sept^r 22^d 1890.

Sigsbee Machine. #2 Reel.

Turns 726 Cor. + 60 Depth 786 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 38°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 37°³

Air 55 Surface 54 Drift. —

Trawl or dredge or tangles large beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.04.30	24.15	0	9.27.30	11.58.00
14.40	9.16.15	1500	10.17.00	10.46.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197	726	
50	726	137	60	
100	3474	60	786	
200				
300				
400				
500				
600				
700				
800				
900				
1000	Several small fishes			

REMARKS.

Deep Sea Sole, Sebastes 10 lbs.
 1/2 Pk. Sea Anemones, Opheurostus 2 spec.
 5 kinds of Starfish, Macrurus,
 " " " Sea Urchins,
 Holothurian Antennaria
 Several kinds of Noms,
 Shrimps, Crabs, Shells.

No. 3347 *SV* Date Sept 22nd 90Machine. *Sigsbee* Reel.

Turns 317 Cor. + 28 Depth 345 fms

Shot or lead 38 lbs

Bottom *fm*

Bottom temperature 41.6°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.9°

Air 54 Surface 54 Drift. SSW 2.5

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. m 3.04.00*2. m* 15.10

0

2. m 3.19.45

32-30

09.00

3.10.10

700

44.00

4-12-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.0	197	37	
50	31.7	164	28	
100	38.8	28	34.5	
200				
300				
400				
500				
600				
700				
800				
900	4 sps. Star fishes.			
1000	1/2 doz. Umbrellula			
	Polyeps.			

REMARKS.

1 qt. Shells. 3 sps. 1/2 doz. Yellow Sea Lillies.

1 ft. (2 sps.) Peripat Stars. 6 sps. Deep sea -

Fishes. 2 sps. (few specimens) Prawns.

1 ft. ~~Transparent~~ Pterena.

few rare sea Anemones.

441

No. 2572 Hy Date Sept. 24/90.
 Tanner Machine. Reel.

Turns 26 Cor. + Depth 26 fms.

Shot or lead 28 lbs.

Bottom bk b + p

Bottom temperature 50.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 50.8

Air 53 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-05-0	9-06-0	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		

H. W.

nothing caught

Stopped fish at 9-07.
 Started " 9-27

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

SERIAL TEMPERATURE,

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

REMARKS.

APL

No. 2573 Ty Date Sept-24/90
 Sigsbee Machine. - Reel. 12

Turns 48 Cor. + 4 Depth 52

Shot or lead 35 lb

Bottom dk m & s

Bottom temperature 50

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 49.6

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-0-0	10-03-0	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.

5981

No. 2594 Hy Date Sept 24/90
 Sigbee Machine. Reel. 2

Turns 208 Cor. + 18 Depth 226

Shot or lead 38 lbs.

Bottom bk s & cu

Bottom temperature 45.2

No. of Thermometer 54560 Cor. - 0.4

Corrected temperature 44.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

at 1000

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-33-30 10-39-0

37-0 10-43-0 208

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.

567
A.P.

No. 2575 Hy Date Sept. 24/90.
Sigsbee Machine. Reel. 2

Turns 450 Cor. + 39 Depth 489
~~Shot~~ or lead 38 lbs.

Bottom gn. m.

Bottom temperature 40.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 39.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

Adv

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
11-10-0	11-25-0	0		
12-30	24-0	100		
14-15	25-0	200		
16-15	22-0	300		
18-15	11-20-0	400		
		450		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

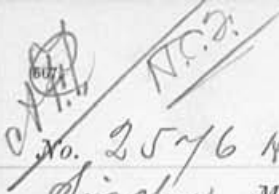
3900

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. 2576 Hy Date Sept. 24/90

Sigsbee Machine. Reel. 2

Turns 310 Cor. + 27 Depth 337 fms.

Shot or lead 3 lbs.

Bottom gn. M. + S.

Bottom temperature 43.2

No. of Thermometer 54260 Cor. -0.4

Corrected temperature 42.6

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-54-0	12.02.30	0		
55.15		100		
56.30		200		
57.30	11.59.00	300		
		3 1/4 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197	310	
50	310	170	27	
100	3890	27	337	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

170.21.
997.

No. 2577 Hy² Date Sept² 24th 1890.
Tanner Machine. — Reel.

Turns 54 Cor. + 1 Depth 55 fms.
~~Shot~~ or lead 28 lbs.

Bottom R. G. & trk. sh.

Bottom temperature 50°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 49.6°

Air 58° Surface 52° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1. 43. 00	1. 45. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2578 Key Date Sept 24th 1890
 Tanner Machine. Reel.

Turns 20 Cor. + 0 Depth 20 fms

Shot or lead 28 lb

Bottom fine gy. S

Bottom temperature 53.1°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 52.7

Air 56° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4 20.00

4 21.00

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

Putghand wires over ~~port~~ side at 4 23
 in at 4.33
 Cal. 2. Flounder
 1 Dogfish

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

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. 25794 Date Sept 24th 90

Tanner Machine. Reel.

Turns 180 Cor. + Depth 184 fms

Shot or lead 28 lb

Bottom gn m

Bottom temperature did not register

No. of Thermometer 57260 Cor. -

Corrected temperature -

Air 55 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5-16.00

5-24.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2580 Hy Date Sept 24 1890

Tanner Machine. Reel.

Turns 156 Cor. + 3 Depth 159 fms

~~Shot or lead~~ 28 lb

Bottom fine gy. S.

Bottom temperature 48°

No. of Thermometer 57260 Cor. 0.4

Corrected temperature 47.6°

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

PTM 6.05.00 6.08.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS.

No. *2581* Date *Sept 24 90**Tanner* Machine. Reel.Turns *78* Cor. + *2* Depth *80 fms*~~Shot or lead~~ *28 lb*Bottom *crs G.*Bottom temperature *48.4°*No. of Thermometer *57260* Cor. *-0.4*Corrected temperature *48°*Air *55* Surface *53* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6.23.00</i>	<i>6.25.00</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.

82B
No. *2582 Key* Date *Sept 24 1890*
Tanner Machine. — Reel. —

Turns *104* Cor. + *3* Depth *110 fms*
Shot or lead *28*

Bottom *bk S. + M*

Bottom temperature *48°*

No. of Thermometer *5726* Cor. - *0.4*

Corrected temperature *47.6*

Air *53°* Surface *54°* Drift.

Trawl or dredge or tangles

82B
SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.08.00

7.13.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS,

No. 2583 Date Sept 24 90

Tanner Machine. Reel.

Turns 258 Cor. + 5 Depth 263 fms

Shot or lead 28 lb

Bottom gn. M

Bottom temperature 44.0

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.6

Air 55.0 Surface 52.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 34.00 7 43.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

357
AP

No. *2584 Hy* Date *Sept 24/90*
Tanner Machine. Reel.

Turns *265* Cor. + *5* Depth *270*

Shot or lead *28 lbs*

Bottom *gn m*

Bottom temperature *48.8*

No. of Thermometer *57560* Cor. *-0.4*

Corrected temperature *43.4*

Air *54* Surface *54* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Pm</i> <i>8-25-0</i>	<i>8-57-0</i>	<i>265</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.

1007.
1191.

No. 2585 Hy Date Sept: 24/90.
Tanner Machine. Reel.

Turns 91 Cor. + 2 Depth 93

Shot or lead 28 lbs.

Bottom gn cr

Bottom temperature —

No. of Thermometer 57260 Cor. —

Corrected temperature —

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

P.W. DOWN.

UP.

TURNS.

DOWN.

UP.

9-05-0

9-08-0

98

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

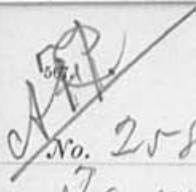
3900

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. 2586 Hy Date Sept-24/9
 Tanner Machine. Reel.

Turns 79 Cor. + 2 Depth 81

Shot or lead 28 lbs.

Bottom gnw m

Bottom temperature Ther did not capsize

No. of Thermometer 57260 Cor. -

Corrected temperature -

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-25-0	9-30-0	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. 2587 Hy Date Sept 24/90
 Tanner Machine. Reel.

Turns 99 Cor. + 3 Depth 102

Shot or lead 38 lbs.

Bottom gn sh

Bottom temperature 48

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10-20-0 10-25-0

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.

557.
W.H.

No. *25884* Date *Sept. 24/90*
Tanner Machine. Reel.

Turns *241* Cor. + *5* Depth *246*

Shot or lead *28 lbs.*

Bottom *445 gm. dr*

Bottom temperature *44.5*

No. of Thermometer *54260* Cor. *-0.4*

Corrected temperature *44.1*

Air *55* Surface *53* Drift.

Trawl or dredge or tangles *_____*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-45-0</i>	<i>10-55-0</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. 2589 Hy Date Sept-24/90.

Tanner Machine. Reel.

Turns 221 Cor. + 5 Depth 226

Shot or lead 28 lbs.

Bottom gn. M.

Bottom temperature 45

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.6

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-46-0 11-50-0

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. 2590 149 Date Sept-25/90.
 Tanner Machine. Reel.

Turns 137 Cor. + 3 Depth 140

Shot or lead 28 lbs.

Bottom gy. m.

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

15-05-00 12-10-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS.

H.C.G.
567

No. 2591 Hy² Date Sept² 25th 1890.
Tanner Machine. - Reel.

Turns 80 Cor. + 2 Depth 82 fms.

Shot or lead 28 lbs.

Bottom fm. s. bk. G.

Bottom temperature 48.4

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48°

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.55.00	12.57.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W 21

No. 2592 Hy^d Date Sept² 25th 1890.

Tanner Machine. Reel.

Turns 154 Cor. + 3 Depth 157 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 46.⁸

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.⁴

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.09.00	1.11.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

1152
667

No. 2593 Hy^d Date Sept^r 25th 1890.
Tanner Machine. - Reel.

Turns 229 Cor. + 5 Depth 234 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 44.7

No. of Thermometer 57 260 Cor. -0.4

Corrected temperature 44.3

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 21.00	1. 30.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.2.
467.

No. 2594 Hy^e Date Sept^r 25th 1890.
Tanner Machine. - Reel.

Turns 233 Cor. + 5 Depth 238 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 44.1°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.7

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.12.00	2.20.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

158.
607.

No. 2595 Hyd. Date Sept 25th 1890.
Tanner Machine. - Reel.

Turns 129 Cor. + 3 Depth 132 fms.
~~Shot or lead~~ 28 lbs.

Bottom fine. S. M.

Bottom temperature 47.4

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 47.0

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 35. 00	2. 42. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

607.
H.C.

No. 2596 Hy^e Date Sept 25th 1890.

Tanner Machine. — Reel.

Turns 75 Cor. + 2 Depth 77 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.8

No. of Thermometer 57 260 Cor. - 0.4

Corrected temperature 48.4

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.55.00	2.59.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

1762.
567.

No. 2597 Hyd Date Sept^r 25th 1890.
Tanner Machine. — Reel.

Turns 75 Cor. + 2 Depth 77 fms.
~~Shot or lead~~ 28-lbs.

Bottom fine s. M.

Bottom temperature 48.9

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48.5

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 38. 00	3. 43. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

567

No. 2598 Hy^e Date Sept^r 25th 1890.
 Tanner Machine. - Reel.

Turns 84 Cor. + 2 Depth 86 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.2

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54' Surface 53' Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.53.00	3.57.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2599 Hy^d Date Sept^r 25th 1890-
 Tanner Machine. Reel.

Turns 158 Cor. + 3 Depth 161 fms

Shot or lead 28 lbs.

Bottom gn M

Bottom temperature 48°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.10.00

4.14.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2600 Key Date Sept^r 25 1890
 Tanner Machine. — Reel.

Turns 179 Cor. + 4 Depth 183 fms

Shot or lead 28 lbs

Bottom gn m

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 52° Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 00. 00	5 05. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

No. 2601 Key Date Sept: 25-1890

Tanner Machine. - Reel. -

Turns 75 Cor. + 2 Depth 77 fms

Shot or lead 28 lb

Bottom gn M

Bottom temperature 48°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.28.00 5.31.00

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

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	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. 2602 *Hy* Date *Sept: 25 1890*

Tanner Machine. Reel.

Turns 68 Cor. + 1 Depth 69 fms

Shot or lead 28 lb

Bottom *gn m*

Bottom temperature 48.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48.1

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>AM</i> 5.45.00	5.48.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

667
2603

No. 2603 Hy Date Sept^r 25 90
Tanner Machine. Reel.

Turns 63 Cor. + 1 Depth 64 fms

~~Shot or lead~~ 28 lbs

Bottom gn M

Bottom temperature 45°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 44.6

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.00.00	6.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE,

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

REMARKS.

863
567.

No. 2604 Hy Date Sept^r 25 90

Tanner Machine. - Reel. -

Turns 59 Cor. + 1 Depth 60 fms

Shot or lead 28-lb

Bottom gn M

Bottom temperature 49.8

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 49.4

Air 53° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4m 6.27.00	6.28.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE,

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

REMARKS.

8613.
567.

No. 2605 Hy Date Septth 25 1896
Tanner Machine. Reel.

Turns 53 Cor. + 1 Depth 54 fms

Shot or lead 28 lb

Bottom gn. M

Bottom temperature 50°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 49.6

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 51.00	6 53.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. *2606* Key Date *Sept 25 1890*
Tanner Machine. Reel.

Turns *58* Cor. + *1* Depth *59 fms*

~~Shot or lead~~ *28 lbs*

Bottom *gn. M*

Bottom temperature *46.5*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *46.1*

Air *53°* Surface *54°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*7.18 00**7.20 00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

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

SERIAL TEMPERATURE,

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

REMARKS.

21

$$\begin{array}{r} 4200 \\ 450 \\ \hline 4650 \end{array}$$

$$\begin{array}{r} 197 \\ 158 \\ \hline 355 \end{array}$$

$$\begin{array}{r} 4200 \\ 48 \\ \hline 4248 \end{array}$$

52

$$\begin{array}{r} 4200 \\ 208 \\ \hline 4408 \end{array}$$

$$\begin{array}{r} 197 \\ 175 \\ \hline 372 \end{array}$$

177