

From 7<sup>th</sup> July 1895

To 13<sup>th</sup> August "

at 3601 - 3609

at 3581 - 3608

Serials. Wing Recd #3.

<u>Turns</u>	<u>Inns.</u>
94 ✓	100
188 ✓	200
583 ✓ ✓	300
879 ✓ ✓	400
275 ✓ ✓	500
572 ✓ ✓	600
668 ✓ ✓	700
766 ✓ ✓	800
864 ✓ ✓	900
914 ✓ ✓	950
939 ✓ ✓	975
963 ✓ ✓	1000

Next Hyd # 3581-

Next D. # 3601-

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

SERIAL TEMPERATURES.

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

REMARKS:

109  
307

57° 23' N. 178° 14' W.

No. 3587 Reel Date July 7 1895  
Machine. Reel #2 700y

Turns 1945 Cor. + 114 Depth 2059 fms  
Shot or lead 60 lb

Bottom gn M.

Bottom temperature 35.2

No. of thermometer 66734 Cor. -

Corrected temperature 35.2

Air 41 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.17.45	8.02.32	0		
18.30	01.59	100		
19.20	01.00	200		
20.10	0.00.00	300		
21.00	59.00	400		
21.55	58.00	500		
22.50	57.00	600		
23.53	56.00	700		
24.53	55.00	800		
25.55	54.00	900		
27.00	52.45	1000		
28.03	51.45	1100		
29.15	50.40	1200		
30.30	49.30	1300		
31.45	48.30	1400		
33.00	47.18	1500		
34.15	46.15	1600		
35.45	45.10	1700		
37.20	43.50	1800		
38.00	42.15	1900		
7.39.45	7-41.15	<del>1945</del> 2000		
		2100		
		2200		
		2300		
		2400		

made. J. white ceiling in.

7.19.61

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	4169	158
	3200	1945	44
	3300	2224	114
	3400		1945
	3500		2059
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

411  
 507 J.R.S. 57° 13' N 177° 07' W.

No. 3582 Hyd. Date July 8 1895  
 Sigsbee Machine. Reel. Navy #2  
 Turns 1882 Cor. + 112 Depth 1994 fms.  
 Shot or lead 60 lbs  
 Bottom gn M.  
 Bottom temperature 35.1  
 No. of thermometer 66734 Cor. —  
 Corrected temperature 35.1  
 Air 41 Surface 41 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
12.25.50	1. 1. 25.	0		
26.50	10.26	100		
27.49	09.27	200		
28.48	08.28	300		
29.47	07.28	400		
30.46	06.27	500		
31.45	05.26	600		
32.44	04.26	700		
33.43	03.26	800		
34.42	02.25	900		
35.41	01.25	1000		
36.40	1.00.25	1100		
37.39	59.27	1200		
38.38	58.25	1300		
39.37	57.10	1400		
40.36	56.14	1500		
41.35	55.40	1600		
42.34	54.36	1700		
43.33	53.35	1800		
44.32	52.35	1882		
45.31	51.35	1900		
46.30	12.48.55	2000		
		2100		
		2200		
		2300		
		2400		

Made. Underhole reeling in  
 Plog. 01.6.

OK

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

4169  
1889  
2287

158  
46  
112

1882  
1994

SERIAL TEMPERATURES.

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

REMARKS:



47. H. 54° 03' N. 176° 00' W.

No. 3583 Hyd Date July 8, 1895.  
 Sigbee Machine. Reel. Navy #2  
 Turns 1699 Cor. + 104 Depth 1803 fms  
 Shot or lead 60 lbs  
 Bottom gm M fine S.  
 Bottom temperature 35.0  
 No. of thermometer 66734 Cor. —  
 Corrected temperature 35.0  
 Air 41 Surface 41 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A. 72	AM.			
5 22 05	59 45	0		
22 55	58 32	100		
23 45	57 35	200		
24 30	56 40	300		
25 25	55 50	400		
26 20	54 50	500		
27 15	53 50	600		
28 15	52 50	700		
29 15	51 50	800		
30 20	50 50	900		
31 25	49 50	1000		
32 35	48 50	1100		
33 45	47 40	1200		
34 55	46 20	1300		
36 05	45 05	1400		
37 15	44 55	1500		
38 30	42 45	1600		
39 45	5. 41. 25	1699		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P.S.

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	14169	158
	3500	1699	54
	3600	2470	184
	3700		1699
	3800		1803
	3900		
	4000		

40

SERIAL TEMPERATURES.

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

REMARKS:

43  
 56° 54' N. 174° 50' W.

No. 3584 Hyd. Date July 8<sup>th</sup> 1895  
 Sigsbee Machine. Reel. Navy #2  
 Turns 1720 Cor. + 105 Depth 1825 fms.  
 Shot or lead 60 lb.  
 Bottom No spec  
 Bottom temperature 35.0  
 No. of thermometer 66734 Cor. —  
 Corrected temperature 35.0  
 Air 42 Surface 42 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.08.40	44.00	0		
09.35	43.00	100		
10.20	42.15	200		
11.10	41.30	300		
12.10	40.45	400		
13.55	40.00	500		
13.50	39.10	600		
14.50	38.20	700		
15.45	37.30	800		
16.45	36.30	900		
17.50	35.40	1000		
18.55	34.50	1100		
20.00	33.50	1200		
21.15	32.50	1300		
22.30	32.00	1400		
23.45	31.00	1500		
25.05	30.00	1600		
26.30	28.30	1700		
10,26.55	10,27.00	1720 <del>1800</del>		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 81.6

OK

2500	4169	158
2600	1720	50
2700	<u>2449</u>	<u>108</u>
2800		1720
2900		<u>1825</u>
3000		
3100	4169	158
3200	1720	50
3300	<u>2449</u>	<u>105</u>
3400		1720
3500		<u>1825</u>
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

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

REMARKS:

No. 2585 Hyd. Date July 31, 1895  
 Sigbee Machine. Reel. Navy #2  
 Turns 377 Cor. + 29 Depth 406 fms  
 Shot or lead 35 lbs.  
 Bottom gn. M. fine S.  
 Bottom temperature 37.5  
 No. of thermometer 6665 Cor.  
 Corrected temperature  
 Air 46 Surface 44 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m.	a.m.			
10. 16.05	25-10	0		
17.05	24-05	100		
18.05	23-20	200		
19.10	22-35	300		
20.10	10.20-40	377		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

PL 597

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4169	158
	3600	377	129
	3700	3792	29
	3800		377
	3900		406
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

No. \_\_\_\_\_ Date *July 31, 1895*  
*Tanner* <sup>x Sigbee</sup> Machine. Reel. *Navy #2*  
 Turns *536* Cor. + *39* Depth *575 fms*  
 Shot or lead *26 lbs.* *35-lb shot*  
 Bottom *gn M bk S*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_  
 Trawl or dredge *Sigbee machine*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>a.m.</i> 10 51.40	<i>a.m.</i>	0	<i>a.m.</i> 11.01.50	<i>a.m.</i> 11-30
53.00		100	02.35	13-15
54.10		200	03.35	12-20
55.30		300	04.45	11-25
56.45		400	06.05	10-35
57.35		500	07.25	09-45
		600	08.00	11-09.25
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*11.02.15*  
*P.O. 62.7*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	4169	158
	3100	536	119
	3200	3633	39
	3300		536
	3400		575
	3500		
	3600	543	12
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

Ran out 500 turns on Turner machine without getting bottom.



No. \_\_\_\_\_ Date *July 31, 1895*

*Sigsbee* Machine. Reel.

Turns *665* Cor. + *47* Depth *712 fms*

Shot or lead *35 lbs.*

Bottom *gn M bk. S*

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11</i>	<i>40.25</i>	<i>0</i>		
	<i>55.50</i>	<i>100</i>		
	<i>54.35</i>	<i>200</i>		
	<i>53.25</i>	<i>300</i>		
	<i>52.35</i>	<i>400</i>		
	<i>51.45</i>	<i>500</i>		
	<i>50.50</i>	<i>600</i>		
	<i>49.55</i>	<i>665</i>		
	<i>11.49.10</i>	<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*11.05.1*

*P.S. 65.7*

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

4169	158
665	111
3504	47
	665
	712

SERIAL TEMPERATURES.

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

REMARKS:

*S.P.S.*  
507.

No. \_\_\_\_\_ Date: *July 31 1895*  
*Sigsbee* Machine. Reel. *Clay #2*  
 Turns *352* Cor. + *28* Depth *380 fath.*  
 Shot or lead *35 lb*  
 Bottom *gn M. S.*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air *48* Surface *45* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-33-15</i>	<i>43-12</i>	0		
<i>34-15</i>	<i>42-00</i>	100		
<i>35-20</i>	<i>41-00</i>	200		
<i>36-25</i>	<i>40-00</i>	300		
<i>37-00</i>	<i>39-30</i>	<i>352</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*No. 1*

*P. Log - 40.7*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4169	158.
	3400	352	130
	3500	<u>381.7</u>	<u>78</u>
	3600		354
	3700		<u>370</u>
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

S.P.S.  
507.

No. \_\_\_\_\_ Date July 31 1895  
Tanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53 fms.

Shot or lead 26 lb

Bottom M S & G.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 45. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.02.40	04.04	0		
03.05	1.03.25	51		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*52*

*70.7*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	543	17
	3500	57	10
	3600	<u>492</u>	<u>7</u>
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

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

REMARKS:

*S.P.S.*

No. \_\_\_\_\_ Date *July 31 1895*

*Steamer* \_\_\_\_\_ Machine. \_\_\_\_\_ Reel. \_\_\_\_\_

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

Shot or lead *36 lb*

Bottom *br & o brn sh.*

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_

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

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>M</i> DOWN.	<i>M</i> UP.		DOWN.	UP.
<i>1:13.35</i>	<i>14.53.</i>	0		
<i>14.05</i>	<i>1.14.15</i>	<i>47</i> <del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*W. J. ...*

*July 31 1895*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	548.	12.
	3200	47	10
	3300	<u>496</u>	<u>2</u>
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

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

REMARKS:



*SPS*

No. \_\_\_\_\_ Date *July 31 1895*

*Tanner* Machine. Reel.

Turns *46* Cor. + *7* Depth *48 fms*

Shot or lead *36 lb*

Bottom *gy S. & br sp.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
<i>1.22.55</i>	<i>24.18.</i>	0		
<i>23.15</i>	<i>1.23.25</i>	<i>46</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		

*20*  
*45*

*P. 707*

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

543  
 46  
 497

17  
 10  
 2

SERIAL TEMPERATURES.

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

REMARKS:

*5871*  
*Arb.*

No. \_\_\_\_\_ Date *July 31 1895.*

*Chained* Machine. Reel.

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

Shot or lead *balls*

Bottom *gy S. n. br Sp.*

Bottom temperature

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature

Air \_\_\_\_\_ Surface *45.* Drift \_\_\_\_\_

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.38.20</i>	<i>41.45</i>	0		
<i>39.10</i>	<i>1.39.15</i>	<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

540  
 72  
 ---  
 471

17  
 9  
 ---  
 3

SERIAL TEMPERATURES.

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

REMARKS:

No. \_\_\_\_\_ Date *July 31 1895*

*Tanner* Machine. Reel.

Turns *106* Cor. + *5* Depth *111 fms*

Shot or lead *16 lb*

Bottom *fine brgy S.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface *45* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1. 55.10</i>	<i>58.20</i>	0		
<i>56.00</i>	<i>56.24</i>	100		
<i>56.03</i>	<i>1. 56.20</i>	<i>106</i> <del>200</del>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Handwritten scribbles and a large 'A' or 'R' mark.*

*Handwritten note: "Paying 75¢"*

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

548  
 106  
 ---  
 437

12  
 4  
 ---  
 5

SERIAL TEMPERATURES.

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

REMARKS:

*S.P.D.*

No. \_\_\_\_\_ Date *July 31 1895.*

*Samuel* Machine. Reel.

Turns *84* Cor. + *4* Depth *88 fms*

Shot or lead *16 lb*

Bottom *12ky. + fine gy S.*

Bottom temperature

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature

Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-41.55</i>	<i>44-05</i>	0		
<i>42 50</i>	<i>7-43.00</i>	<i>84</i>		
		<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*7-42*  
*7-43*

*July 31 1895*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

573  
84  
-----  
489

17  
8  
-----  
4

SERIAL TEMPERATURES.

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

REMARKS:



567. *AS*

No. \_\_\_\_\_ Date *July 31 1895*

*Tanner* Machine. Reel.

Turns *50* Cor. + *7* Depth *57 fms*

Shot or lead *36 lbs*

Bottom *fine gy S*

Bottom temperature

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature

Air \_\_\_\_\_ Surface *46* Drift \_\_\_\_\_

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
<i>3.17.50</i>	<i>19.20</i>	0		
<i>18.00</i>	<i>3.18.05</i>	<i>50</i>		
		<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*W. S. M. C.*

*P. S. - 80.6.*

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

543  
 10  
 ---  
 493

17  
 10  
 ---  
 7

SERIAL TEMPERATURES.

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

REMARKS:

23° 59' N. 166° 29' W.

No. 3586 Hyd. Date Aug. 4 '95

Tanner Machine. Reel.

Turns 73 Cor. + 3 Depth 76 fms

Shot or lead 26 lb.

Bottom gn. m. + s.

Bottom temperature 39.2

No. of thermometer 6665 Cor. -

Corrected temperature 39.2

Air 46 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.14.00	7.16.10	0		
14.40	14.55	76		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 6.3

sk

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

548 12  
~~78~~ 9  
470 3

SERIAL TEMPERATURES.

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

REMARKS:

54° 01.5' N : 166° 30.5' W.

No. 3587 Hyd Date Aug 14 '95  
 Machine. Reel.

Turns 94 Cor. + 4 Depth 98 fms

Shot or lead 26 lb.

Bottom fine gy S + bk sp.

Bottom temperature 38.8

No. of thermometer 66665 Cor. -

Corrected temperature 38.8

Air 46 Surface 43 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.43.00	2.45.10	0		
7.43.50	7.42.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. 87

OK

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

5243  
94  
449  
12  
8  
4

SERIAL TEMPERATURES.

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

REMARKS:

3. H. 54° 05' N, 166° 31.5' W

507.

No. 3588 Hyd Date Aug 4, 1895

Tanner Machine. Reel.

Turns 89 Cor. + 4 Depth 93 fms

Shot or lead 26 lbs

Bottom gy + ~~sh~~ S. Gr

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_ Cor.

Corrected temperature

Air 46 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m. 8 04 45	a.m. 09.00	0		
05 30	8 05 35	89 <del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P.L. 10.7

OK

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

543 12  
89 8  
454 4

SERIAL TEMPERATURES.

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

REMARKS:



5071 *P.B.* 54°00.5' N. 169°20.5' W.

No. 3589 Hyd. Date August 4<sup>th</sup> 1895  
*Sigsbee* Machine. Reel. *Wag #2*

Turns 940 Cor. + 63 Depth 1003 fms

Shot or lead 35 lb.

Bottom *gy. m. s. br. s.*

Bottom temperature 35.5

No. of thermometer 66665 Cor. -

Corrected temperature 35.5

Air 45 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.29.45</i>	<i>55.37</i>	0		
<i>30.48.</i>	<i>54.36</i>	100		
<i>32.00</i>	<i>53.37</i>	200		
<i>33.08</i>	<i>52.38</i>	300		
<i>34.15</i>	<i>51.37</i>	400		
<i>35.25</i>	<i>50.38</i>	500		
<i>36.40</i>	<i>49.39</i>	600		
<i>38.00</i>	<i>48.40</i>	700		
<i>39.20</i>	<i>47.40</i>	800		
<i>40.40</i>	<i>46.40</i>	900		
<i>41.15</i>	<i>9.46.00</i>	940		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 5 while receiving in

Sigsbee 15.0

OK

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

4169 158  
940 95  
            
3229 63  
          940  
                      
          1003

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surf	46	—	—	46
5-50	45.5	62358	-0.2	45.3
10-100	45	63902	—	45
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 30' W. 169° 31' W.

No. 3590 Hyd Date Aug 5 1895  
 Sigsbee Machine. Reel. Macy 2  
 Turns 1400 Cor. + 91 Depth 1491 fms  
 Shot or lead 35 lb.  
 Bottom Gn. M.  
 Bottom temperature 35.5  
 No. of thermometer 66665 Cor. -  
 Corrected temperature 35.5  
 Air 42 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.35.30	2.12.15	0		
26.30	11.00	100		
27.40	10.00	200		
28.15	09.00	300		
29.45	08.00	400		
32.45	06.55	500		
34.30	05.45	600		
35.30	04.45	700		
38.30	03.45	800		
40.00	02.45	900		
42.00	01.40	1000		
44.30	2.00.40	1100		
47.00	59.40	1200		
49.30	58.35	1300		
1.52.20	1.57.30	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Day 145

Made ready in

OK

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

24769	158
<u>1200</u>	<u>67</u>
2769	91
	1400
	<u>1491</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface (5 fms)	45	—	—	45
5-50	45	62358	-0.2	44.8
10-100	44.5	63902	—	44.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 54° 29' 20" : 169° 41' 15"

007.

No. 3591 Hyd. Date Aug 5, 1895.  
 Sigsbee Machine. Reel. Navy #2

Turns 1577 Cor. + 99 Depth 1676 fms

Shot or lead 35 lbs

Bottom gn M. fine S

Bottom temperature 35.0

No. of thermometer 6665 Cor. -

Corrected temperature 35.0

Air 46 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m.	a.m.			
5. 34. 70	15. 45	0		
35. 05	14. 25	100		
36. 10	13. 25	200		
37. 10	12. 25	300		
38. 20	11. 30	400		
39. 40	10. 30	500		
41. 05	09. 30	600		
42. 30	08. 25	700		
44. 05	07. 15	800		
46. 40	06. 00	900		
47. 10	04. 40	1000		
48. 40	03. 30	1100		
50. 05	02. 20	1200		
51. 35	01. 10	1300		
53 10	b. 00 05	1400		
54. 45	59. 00	1500		
56. 05	5. 57. 10	1577		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P.L. 75.0

OK

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

4169	158
<u>1577</u>	<u>59</u>
2592	99
	<u>1577</u>
	1676

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface				
(5 ft) 25	45	—	—	45,
5 fms 50	45	63902	—	45,
10 fms 100	43	62358	-0.2	42.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. *180.45* *55°06'N* *169°08'W*

No. *3601* Recd Date *August 5 90.*

*Sigsbee* Machine. Reel.

Turns *979* Cor. + *65.* Depth *1044 fms*

Shot or lead *60 lbs.*

Bottom *gy. m. s.*

Bottom temperature *35.8*

No. of thermometer *66665.* Cor. —

Corrected temperature *35.8*

Air *46.* Surface *46.* Drift

Trawl or dredge *Townsend c. k. s.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>11.00.15</i>	<i>20.53</i>	<i>0</i>	<i>1.07.00</i>	<i>1.50.15</i>
<i>01.16</i>	<i>19.51</i>	<i>100</i>	<i>12.15</i>	<i>47.00</i>
<i>02.16</i>	<i>18.52</i>	<i>200</i>	<i>17.00</i>	<i>1.43.30</i>
<i>03.15</i>	<i>17.53</i>	<i>300</i>		
<i>04.14</i>	<i>16.54</i>	<i>400</i>		
<i>05.15</i>	<i>15.54</i>	<i>500</i>		
<i>06.17</i>	<i>14.53</i>	<i>600</i>		
<i>07.20</i>	<i>13.53</i>	<i>700</i>		
<i>08.22</i>	<i>12.52</i>	<i>800</i>		
<i>09.25</i>	<i>11.50</i>	<i>900</i>		
<i>10.05</i>	<i>11.11.04</i>	<i>979</i>		

*1.35 for messenger to  
trap.*

*Specific gravity specimens to 1000 fms*

*At 1-17. put over surface to net.*

*At 1.38.30 haul in " " fms 1*  
*#46 Dredge Intermediate Net at 200*

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	4.69
	3300	9.79
	3400	<u>39.90</u>
	3500	
	3600	1.58
	3700	9.3
	3800	6.5
	3900	<u>9.79</u>
	4000	10.44

SERIAL TEMPERATURES. (1)

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	40.	61096	+0.1	40.1
50	38.	69485	+0.1	38.1
100	37.	69480	+0.1	37.1
200	38.1	62064	+0.1	38.2
300		78510	✓ ded. temp	
400	37.8	78522	-0.3	37.5
500	38.	78513	-0.4	37.6
600	37.	66724	+0.1	37.1
700	36.6	78512	-0.4	36.2
800	36.7	61584	-0.0	36.7
900	36.0	78511	-0.3	35.7
1000	36.0	66665	✓ Cent. last therm	

REMARKS:

At 11.57.20 stopped pumping and rose

At 11.56.20 pulled in

Surface tow net. Abundance of small crustaceans, two small fish. Submermediate net. Abundance of small crustaceans, young shrimp & Sagittas.



S. H. *Cont'd.*

No. 3601 *Redg.* Date *Aug 5 '95*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1.55.30	37.50
		100	2.00.30	34.30
		200	04.00	31.30
		300	07.40	28.35
		400	11.30	25.30
		500	15.10	22.25
		600	19.00	19.20
		700	23.30	16.10
		800	27.30	13.00
		900	32.20	09.20
		1000	36.20	05.45
		1100	40.45	4.01.05
		1200	45.00	36.15
		1300	49.00	37.45
		1400	54.15	46.30
		1500	59.00	44.00
		1600	3.03.40	3.35.45
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface				
5 feet	46		—	46
25				
50	45.5	63902	—	45.5
100	44.5	62305	-0.2	44.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

49 Macrura; 3 Chaetodes; 3 Antimora;  
4 Lycodes; Few shells; 1 Sea Pen;  
Few worms and Tubes; 100 small starfish  
(4 species); 6 Crabs (Lithoidies)  
Bottom sample saved.

H. 55° 12' N : 168° 47' W.

No. 3592 Hyd Date Aug. 5, 1895  
 Sigsbee Machine. Reel. Navy #2  
 Turns 970 Cor. + 65 Depth 1035 fms  
 Shot or lead 35 lbs.  
 Bottom br gy  
 Bottom temperature 35.5  
 No. of thermometer 78522 Cor. - 0.3  
 Corrected temperature 35.2  
 Air 46 Surface 44 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 20. 50	43. 20	0		
21. 45	42. 00	100		
22. 45	41. 05	200		
23. 45	40. 10	300		
24. 50	39. 12	400		
26. 05	38. 15	500		
27. 20	37. 20	600		
28. 40	36. 30	700		
30. 05	35. 35	800		
31. 40	34. 35	900		
32. 45	6. 33. 55	970		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P.L. 16.8

OK

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

4169	158
970	93
<u>3199</u>	<u>65</u>
	970
	<u>1035</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface	45		-	45.0
5	44.5	63902	-	44.5
10	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

9. *S.P.R.*  
1895.

55° 34' N.

169° 22' W.

No. 3593 Hyd. Date August 5 1895.

Sigsbee Machine. Reel. Cary #2

Turns 1234 Cor. + 81 Depth 1315 fms

Shot or lead 35 lb

Bottom br O<sub>2</sub>

Bottom temperature 35.0

No. of thermometer 78522 Cor. -0.3

Corrected temperature 34.7

Air 46, Surface 45, Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Ann. Up.		Down.	Up.
11. 45.30	27.20	0		
47.00	26.13	100		
48.10	25.14	200		
49.20	24.15	300		
50.40	23.15	400		
51.56	22.14	500		
53.20	21.12	600		
54.40	20.10	700		
56.13	18.57	800		
57.45	17.45	900		
12 06.40	16.30	1000		
08.48	15.15	1100		
10.48	14.05	1200		
11.40	12.13.30	1234		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log = 46.8

ok

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

4169	158
<u>1234</u>	<u>77</u>
2935	81
	<u>1234</u>
	1315

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface				
5 fathoms	45		-	45
5-50	45	62358	-0.2	44.8
10 100	44	63900	-	44.
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

At 11.58.30 when 934 turns were out  
 wire slipped reel.  
 Commenced reeling <sup>out</sup> again at 12.5.10

571

55° 36' N, 170° 45' W.

No. 47 Intimed. Date Aug. 7<sup>th</sup> 1895.  
Machine. Reel.

Turns Cor. + Depth  
Shot or lead  
Bottom  
Bottom temperature  
No. of thermometer Cor.  
Corrected temperature  
Air 45 Surface 44 Drift  
Trawl or dredge *Lower end net.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11.19.00	11.56.05
		100	24.50	53.00
		<del>150</del> <del>200</del>	11.27.50	11.57.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*At 11.28 put over surface net.  
At 11.46 hauled in "  
Towed intermediate net at 1.00 pm -*

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface	44		—	44
5-50	44	63902	—	44
10-100	43.5	62358	-0.2	43.3
150	37.5	63919	-0.1	37.4
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface tow net, few small Crustacea + Sagitta.  
Intermediate net #47. Numerous small Crustacea + Sagitta, Rough Sea. 100 fms.



10. H. 53° 10' N: 170° 56' W

No. 3594 Hyd. Date Aug 7, 1895  
 Sigsbee Machine. Reel Navy # 2  
 Turns 1565 Cor. + 99 Depth 1664 fms  
 Shot or lead 60 lbs  
 Bottom br Oz ✓  
 Bottom temperature 35.0  
 No. of thermometer 78522 Cor. -0.3  
 Corrected temperature 34.7  
 Air 45 Surface 44 Drift  
 Trawl or dredge Townsend Net

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.20.15	56.40	0	7.07.15	50.30
21.05	55.30	100	12.40	47.25
21.55	54.40	200	17.20	7.44.10
22.50	53.58	300	Towed at 150 fms. Gravity specimens to 1007 fms.	
23.50	53.03	400		
24.45	52.10	500		
25.45	51.15	600		
26.45	50.17	700		
28.05	49.20	800		
29.15	48.20	900		
30.30	47.15	1000		
31.50	46.15	1100		
33.10	45.05	1200		
34.40	43.55	1300	Ref 20.4. Surface net over at 7.13. " " " " 7.38. Thermometer struck in 2 min.	
36.15	42.40	1400		
38.50	41.20	1500		
39.00	5.40.20	1565		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Electric light  
55° 11' - 171° 13'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
4169	158	3300	
1565	59	3400	
<u>2604</u>	99	3500	
	1565	3600	
	<u>1664</u>	3700	
5ft. 45		3800	45
5 fms. 45	63902	3900	45
10 " 44	62358	4000	-0.2 43.8

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	38.2	78512	-0.4	37.8
50	37.1	62364	+0.1	37.2
100	37.1	66665	—	37.1
200	38.5	63919	+0.1	38.6
300	38.0	69480	+0.1	38.1
400	38.1	61596	+0.2	38.3
500	37.8	66734	—	37.8
600	37.0	66724	+0.1	37.1
700	37.0	78511	-0.3	36.7
800	36.1	78510	-0.2	35.9
900	36.7	61584	—	36.7
1000	35.8	78522	-0.3	35.5

REMARKS:

Surface tow net: Numerous small Crustacea and Sagittae.  
 Intermediate net <sup>448</sup> Numerous small Crustacea and Sagittae, 4 small fish.  
 10 P.M. Electric light, Abundance of small Crustacea & Siphonophorae

11. S.P.D. 55° 12' N: 171° 48' W

No. 3595 Hyd Date Aug 8 1895  
 Sigsbee Machine. Reel. Navy # 2  
 Turns 1714 Cor. + 105 Depth 1819 fath.  
 Shot or lead 60 lb  
 Bottom M O  
 Bottom temperature 35.5  
 No. of thermometer 78522 Cor. -0.3  
 Corrected temperature 35.2  
 Air 44 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Am. DOWN.	Am. UP.		DOWN.	UP.
12.57.20.	40.10	0		
58.50.	39.05	100		
59.45 <sup>+</sup>	38.06	200		
1.00.45.	37.06	300		
01.45.	36.07	400		
02.45.	35.08	500		
03.46 <sup>00</sup>	34.09	600		
04.55.	33.09	700		
06.15.	32.10	800		
07.30	31.10	900		
08.48.	30.08.	1000		
10.00	28.55	1100		
11.15	27.33	1200		
12.35.	26.00	1300		
14.00	24.30	1400		
15.30	23.00	1500		
17.00	21.38.	1600		
18.40	20.36.	1700		
19.00	1.20.20	1714		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sigsbee 49.

OK ✓

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4169	158
	3400	1714	50
	3500	<u>2455</u>	<u>105</u>
	3600		1714
	3700		<u>1819</u>
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft <sub>25</sub>	45	—	—	45
5 ft <sub>50</sub>	45	63902	—	45
10 ft <sub>100</sub>	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

118  
501.

55° 32' N : 172° 17' W

No. 3596 Hyd. Date Aug 8<sup>th</sup> 95.  
 Sigsbee Machine. Reel. 5 Labby  
 Turns 1793 Cor. + 108 Depth 1901 fms  
 Shot or lead 60 lb.  
 Bottom br. oz.  
 Bottom temperature 35.8  
 No. of thermometer 78522 Cor. -0.3  
 Corrected temperature 35.5  
 Air 43, Surface 43, Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.21.50	7.03.30	0		
32.30	02.45	100		
23.40	02.60	200		
24.40	01.15	300		
25.40	7.00.30	400		
26.40	59.45	500		
27.40	59.00	600		
28.55	58.05	700		
30.00	57.10	800		
31.10	56.05	900		
32.20	55.05	1000		
33.40	54.05	1100		
34.00	53.05	1200		
36.10	52.00	1300		
37.40	51.00	1400		
39.10	49.50	1500		
40.50	48.45	1600		
42.30	47.30	1700		
6.44.00	6.46.10	1793		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. H. 95.  
 107 95.

OK

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

4169. 158.  
1793 56  

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2376 108  

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1793  

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1901

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 <sup>+</sup> <sub>5</sub>	45	—	—	45.
5 <sup>0</sup> <sub>5</sub>	44.5	63952	—	44.5
10 <sup>+</sup> <sub>100</sub>	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

Shot failed to detach when bottom  
line first reached, detached it  
by hand.

B.S.H.

*H.* 55° 53' N. 171° 40' W.

No. *H9 Int.* Date *Aug 8, 1895.*

Machine. Reel,

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Townsend Int. Net*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.43.50</i>	<i>59.45</i>
		100	<i>49.30</i>	<i>56.10</i>
		200	<i>54.35</i>	<i>11.52.30</i>
		300		
		400		
		500	<i>9.50</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*P.L. 5.0*

*Surface Net over at 11.31  
" " in at 11.47  
Messenger struck in 1.48*

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft 25	45	—	—	45
5 ft 100	44.5	62358	0.2	44.3
10 100	44	63902	—	44.
200	37.3	60364	+0.1	37.4
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Intermediate net -  
Numerous small Crustacea  
& sagitta -  
Surface net, 10 feet deep -  
Very few crustacea & sagitta -



507.

55° 44' N 171° 17' W

No. 50. Int.

Date Aug 8 1895.

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Torment cut net.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	5.08.50.	41.40
		100	14.55.	5.35.30.
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

July 20.7

Surface net down at 5.13.50  
" " " " at 5.24.10.

Messenger struck in 49 seconds.

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft <sup>28</sup>	45	—	—	45.1
5 ft <sup>30</sup>	44.5	63902	—	44.5
10 <sup>100</sup>	44	62358	-0.2	43.8
— 100	37.6	69440	+0.1	37.7
300				
400				
500				
600	Surface net. 20 feet deep - 10 small fish. few crustacea + fish eggs -			
700				
800				
900				
1000				

REMARKS:

Towed at 100 fms.  
2 small fish. abundance of Annelid  
Crustacea.

13. S. H. 56° 15' W: 172° 35' W

51 fms.

No. 3597 Hyd. Date Aug 10 95.  
 Sigsbee Machine. Reel. #2 body.

Turns 1189 Cor. + 78 Depth 1267 fms

Shot or lead 60 lb.

Bottom gn. s. b. & d.

Bottom temperature 36°

No. of thermometer 61584 Cor. —

Corrected temperature 36.0

Air 46 Surface 45 Drift

Trawl or dredge Townsend Int. Net

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-05.15	31.00	0	1.40.20	09.55
06.10	30.10	75	44.20	2 07.50
07.00	29.15	100		
08.00	28.20	200		
08.50	27.40	300		
09.55	26.45	400		
11.00	26.00	500		
12.05	25.00	600		
13.10	24.05	700		
14.20	23.10	800		
15.30	22.05	900		
16.45	21.00	1000		
17.45	19.45	1100		
		1189		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

43 fms

Surface net over at 1.42  
 " " in " 2.06  
 Messengers struck in 40 sec.

P. Log No. 8.

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	4169 108
	3100	11819 80
	3200	2980 78
	3300	
	3400	1189
	3500	1267
	3600	
	3700	
	3800	
	3900	
	4000	

See note for serials to 10 fms.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	41.4	69485	—	41.0
50	37.0	66735	—	37.0
100	36.2	66665	—	36.2
200	38.1	62364	+0.1	38.2
300	38.0	78573	-0.4	37.6
400	37.9	63919	+0.1	38.0
500	37.1	78525	-0.3	36.8
600	37.0	78571	-0.3	36.7
700	—	66732	<del>—</del>	<del>—</del> <i>not trip.</i>
800	36.0	69480	+0.1	36.1
900	36.0	78570	-0.2	35.8
1000	36.0	61584	—	36.0

REMARKS:

Sub. net towed at 43 fms depth.  
 Surface " " " " "  
 Surface net caught, 1 very small squid  
 few animal shells, abundance of pelagic  
 refuse.  
 Sub. net caught - abundance of small  
 Crustacea, several species; numerous Sagitta



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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft 25	45	—	—	45
5 fms 50	45	63902	—	45
100	44.5	62358	-0.2	44.3
200	at Soundin 10 <sup>00</sup> am			
300				
400	56° 13' N. 172° 20' W. 5 fms			
500	45	—	—	45
5 fms 600	44.5	63902	—	44.5
1000 700	44	62358	-0.2	43.8
800				
900				
1000				

REMARKS:

Towed at 50 fms

Several species minute crustacea.  
plentiful; sagitta few.

14.  $36^{\circ} 28' N$ .  $172^{\circ} 39' W$ .

No. 3598 Hyd Date Aug 10 / 95  
 Sigsbee Machine. Reel, Navy 2

Turns 275 Cor. + 21. Depth 296 fms

Shot or lead 35 lb.

Bottom Gn Mts S.  
 Bottom temperature 38.0

No. of thermometer 69480 Cor. + 0.1

Corrected temperature 38.1

Air 45 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.11.05	19.15	0		
12.45	18.10	100		
14.00	17.10	200		
8.14.50	15.30	275		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. 767  
 P. 767

ok

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

4169  
275  

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3894

158  
137  

---

21  
275  

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296

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Stn 25	45	—	—	45
Stn 50	44	62952	—	44
100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



15. *S* 56° 29' N. 172° 39' W.

No. 3599 Hyd Date Aug 16<sup>th</sup> 95  
 Sigsbee Machine. Reel. Navy #2  
 Turns 185 Cor. + 15 Depth 200 fms  
 Shot or lead 26 lb.  
 Bottom gn sb & s.  
 Bottom temperature 38.  
 No. of thermometer 69480 Cor. + 0.1  
 Corrected temperature 38.1  
 Air 45 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.34.30	40.20	0		
36.45	8.39.30	100		
37.30	38.00	185		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 777

OK

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

4169	158
185	143
<hr/>	
3984	15
	185
	<hr/>
	200

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft	45	—	—	45
5 ft	44	63902	—	44
10	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

16  
507.

56° 30' W: 172° 40' W.

No. 3600 Hyd Date Aug 10<sup>th</sup> 95

Sigsbee Machine. Reel. 1000 ft

Turns 145 Cor. + 11 Depth 156 fms

Shot or lead 26 lbs.

Bottom gn. m. s.

Bottom temperature 37.0

No. of thermometer 69480 Cor. + 0.1

Corrected temperature 37.1

Air 45 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8:52.45	8:57.00	0		
57.00	56.00	100		
57.30	55.00	145		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Sigsbee 787

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	4169 158
	3200	145 147
	3300	4024 11
	3400	145
	3500	156
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	62358	-0.2	43.8
100	43.5	63902	—	43.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

17  
507.

56°31'N 172°40'W

No. 3601 Hyd Date Aug 10 '95  
Sigsbee Machine. Reel. #2 Hoop

Turns 102 Cor. + 8 Depth 110 fms.

Shot or lead 26 lb.

Bottom gn m s s.

Bottom temperature

No. of thermometer 69480 Cor. +0.1

Corrected temperature 37.1

Air 45 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.19.25	9.23.00	0		
20.25	22.30	100		
20.28	20.30	102		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 10.2

OK

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

4169	158
102	150
4067	8
	102
	110

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	63902	—	44.0
100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56°32'N : 172°40'W

No. 3602 Date Aug 10 95  
 Sigsbee Machine. Reel. No. 42  
 Turns 76 Cor. + 5 Depth 81 fms.  
 Shot or lead 26 lb.  
 Bottom gn slt + S  
 Bottom temperature 37.0  
 No. of thermometer 69480 Cor. + 0.1  
 Corrected temperature 37.1  
 Air 45 Surface 44 Drift  
 Trawl or dredge Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.42.30	2.14.00	0	9.54.15	30.00
43.15	45.20	76	8.15	25.30
		100	10.02.15	10.22.16
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. 2. 1. 2

Dredge surface net for 15'

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	4169 158
	3200	716 153
	3300	4093
	3400	76
	3500	57
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	62358	-0.2	43.8
100	43.5	63902	—	43.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Doubtful

1 peck Small scallops, 100 sps. small shells, 6 sps. Stars, 3 or 4 sps. Ophiurans 5 or 6 sps. Shrimps & Prawns, Many lq Barnacles, 2 dog lq Anemones, few Small Crabs, many Hermits in shells. few annelids, Sponges

REMARKS:

20 lq Rock Fish (*Sebastes*) and few young.  
 9 *Atheretes* Flounders -  
 5 *Pleuronectes glacialis* Flound.  
 1 Ray with lq chris - (Raja)  
 Many small fishes (Agonidae, Cottidae, Lycodidae.)



19. H. 507.

53° 53' N: 171° 42' W.

No. 3602 Hyd Date Aug. 11, 1895  
 Sigbee Machine. Reel. Navy #2  
 Turns 1405 Cor. + 91 Depth 1496 fms  
 Shot or lead 35 lbs.  
 Bottom fine M. S.  
 Bottom temperature 35.0  
 No. of thermometer 69480 Cor. 70.1  
 Corrected temperature 35.1  
 Air 45 Surface 44 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
26.00	04.55	0		
27.30	03.45	100		
28.45	02.45	200		
30.05	01.50	300		
31.30	01.00	400		
33.55	59.55	500		
34.25	59.45	600		
36.00	56.35	700		
37.30	55.32	800		
39.02	54.27	900		
40.40	53.22	1000		
42.20	52.17	1100		
43.57	51.10	1200		
45.32	50.05	1300		
47.10	48.50	1400		
47.15	48.45	1405		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. 32.1

Made .3 mile while reeling in

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4169	158
	3400	1405	67
	3500	2764	91
	3600		1405
	3700		1496
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	32.1 188 504			

REMARKS:

50. J.P.D. + S. Int. no 53. 53° 23' 70. 170° 31' 11.  
 507. No. 3603 Date August 11 1895  
 Sigsbee. Machine. Reel. (Havy #2)  
 Turns 1668 Cor. + 103. Depth 1771 fms.

Shot or lead 60 lb

Bottom G. S.

Bottom temperature 35.0

No. of thermometer 69480. Cor. 70.1

Corrected temperature 35.1

Air 46 Surface 45 Drift

Trawl or dredge Downward Sx 7 ft.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.20.18	56.35	0	12.43.15	10.15.
21.17	55.31	50	12-46.00	1.09.00
22.16.	54.52	200		
23.15.	53.33	300		
24.14	52.34	400		
25.13.	51.36	500		
26.12	50.37	600		
27.11	49.39	700		
28.10	48.40	800		
29.10.	47.41	900		
30.18	46.42	1000		
31.19	45.43	1100		
32.21	44.43	1200		
33.23	43.44	1300		
34.30	42.35	1400		
35.50.	41.30	1500		
37.13	40.25	1600		
38.12	11.39.35	1668 1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

188 fms

Immediate net 53 at 48 fms  
 Put over surface net at 12.48.  
 Hauled in " " 1.10  
 Messenger attached in 27"

JK

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

4169  
1668  
2501  
103  
65  
103  
1668  
1771

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	38.0	639,9	+0.1	38.1
50	38.4	61554	—	38.4
100	36.0	66734	—	36.0
200	38.5	78570	-0.2	38.3
300	38.3	69485	+0.1	38.4
400	38.0	66722	+0.1	38.1
500	37.5	66665	—	37.5
600	37.0	61526	+0.2	37.2
700	36.3	78513	-0.4	35.9
800	36.0	62364	+0.1	36.1
900	35.7	78522	-0.3	35.6
1000	35.7	78512	-0.4	35.3

REMARKS:

Intermediate net -  
1 young Sabroid, medusae, few annelida  
1 embryo Octopod, Sagitta, miscellaneous  
crustacea

507. *H. Continued*

No. 3603 *Syd*, Date *August 11 95*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Large Beam*

SOUNDING WIRE.

*7m.* DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

		0	<i>14.30</i>	<i>22.25</i>
		100	<i>18.30</i>	<i>19.35</i>
		200	<i>21.45</i>	<i>16.45</i>
		300	<i>25.00</i>	<i>13.55</i>
		400	<i>28.30</i>	<i>11.10</i>
		500	<i>31.15</i>	<i>08.15</i>
		600	<i>34.05</i>	<i>05.25</i>
		700	<i>36.40</i>	<i>02.30</i>
		800	<i>39.40</i>	<i>59.35</i>
		900	<i>42.15</i>	<i>56.40</i>
		1000	<i>45.15</i>	<i>53.45</i>
		1100	<i>49.00</i>	<i>50.30</i>
		1200	<i>52.20</i>	<i>46.55</i>
		1300	<i>55.20</i>	<i>43.15</i>
		1400	<i>58.30</i>	<i>39.35</i>
		1500	<i>02.00</i>	<i>35.50</i>
		1600	<i>05.00</i>	<i>31.50</i>
		1700	<i>08.00</i>	<i>27.15</i>
		1800	<i>11.30</i>	<i>23.15</i>
		1900	<i>15.05</i>	<i>19.15</i>
		2000	<i>18.10</i>	<i>15.15</i>
		2100	<i>22.30</i>	<i>11.00</i>
		2200	<i>26.45</i>	<i>06.00</i>
		2300	<i>30.15</i>	<i>01.15</i>
		2400	<i>34.15</i>	<i>00.00</i>

*Put over surface net at 2:27*  
*3 11*  
*Handled wire*  
*Refuse - all brownish spicules.*

*Secured 22 seal carcasses - 20 fem. 2 male - 2 separate 1 fem.  
 7 stomachs empty; 15 containing small squid, small fish;  
 Several contained portions of pollock & cod.*

*Seals*

		2500	37.30	40.45
		2600	41.30	41.00
		2700	45.30	34.15
		2800	2, 49. 15	3.11.30
		2900		
		3000		
		3100		
		3200		
	Surface	3300	net	} 10 pm
	54.56	3400	170° 16'	
5 ft.	45	3500	—	45
5 fms	44 63902	3600	—	44
10 "	44 62358	3700	-0.2	43.8
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45. } 11 <sup>00</sup>
50	44.5	62358	-0.2	44.3 } am
100	44	63902	—	44. } 11 <sup>00</sup>
200				
300	44	—	—	44. } 4 <sup>25</sup>
400	44	62358	-0.2	43.8 } pm
500	44.5	63902	—	44.5 } pm
600				
700	Surface 10 P.M.			
800	few small red medusae, large white medusa, many small crustacea and worms.			
900				
1000				

REMARKS:

1 large undersown fish, 1 large Macrurus  
 3 small Myctophum, 100 Holothurians, 6 sp.  
 1/2 doz Pyrosomida (2 sp), pack of worm tubes.  
 2 " long slender Alcyonarians, few brown sponges  
 small quantity sponges, several species Chamae  
 few Ophiurians, 4 Urchin, rare forms,  
 few small Crabs, few small shells, few  
 small squid, 2 large soft red starfish  
 1 small white Anurata 4 small "

21. *J.R.D.*  
607

54° 39' N. 170° 19' W.

No. 3603 Hyd. Date August 12 1895.

Sigsbee Machine. Reel. Navy #2.

Turns 960. Cor. + 65. Depth 1025 fms.

Shot or lead 60 lbs.

Bottom gn O<sub>3</sub>

Bottom temperature 35.2

No. of thermometer 69480. Cor. + 0.1

Corrected temperature 35.3

Air 46. Surface 44 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Am. DOWN.	Am. UP.		DOWN.	UP.
12.34.05.	56.20	0		
35.15.	55.17	100		
36.18.	54.18.	200		
37.18	53.19	300		
38.19.	52.20.	400		
39.20.	51.21	500		
40.30	50.22	600		
41.40	49.23	700		
42.52.	48.22	800		
44.02	47.13.	900		
45.00	12.46.40	960.		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log = 1025.

OK

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

4169	158.
960	93
<u>3209</u>	<u>65</u>
	960
	<u>1025</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	44	63902	—	44.
100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



27.8  
61

54°46' N: 169°19' W.

No. 3602 *hid* Date Aug. 15<sup>th</sup> 95.

Sigsbee Machine. Reel. Navy #2.

Turns 1272 Cor. + 83 Depth 1355 fms.

Shot or lead 35 *paid.*

Bottom *gn. M.*

Bottom temperature 35.1

No. of thermometer 69480, Cor. +0.1

Corrected temperature 35.2

Air 45, Surface 45, Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.28.30	5.06.20	0		
29.40	05.04	100		
31.00	04.05	200		
32.15	03.10	300		
33.50	02.15	400		
35.10	01.15	500		
36.50	5.00.15	600		
38.30	59.10	700		
40.30	58.00	800		
42.20	57.00	900		
44.15	56.00	1000		
46.30	55.00	1100		
48.45	54.00	1200		
4.49.20	4.52.20	1272		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1600, 1400, 1200, 1000, 800, 600, 400, 200, 0  
 1355 fms.

OK

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

4169 158  
 1272 73  
 -----  
 2897 83  
 1272  
 -----  
 1355

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	45	62358	-0.2	44.8
100	44	63902	—	44.
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

23. H. P.D.  $54^{\circ} 54' N$ :  $168^{\circ} 59' W$ .  
 007. Int. 8054

No. 3604 Dr. Date Aug 12, 1895.

Sigsbee Machine. Reel. Navy #2

Turns 1315 Cor. + 86

Depth 1401 fms

Shot or lead 35 lbs.

Bottom gn Oz

Bottom temperature 35.1

No. of thermometer 69480 Cor. + 0.1

Corrected temperature 35.2

Air 46 Surface 45 Drift

Trawl or dredge Townsend Int. Net.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m.	a.m.			
10.06.45	39.50	0	11.42.20	16.40.
07.52	38.40	35	43.40	12.15.20.
09.00	37.40	100		
10.10	36.47	200		
11.20	35.50	300		
12.45	34.57	400		
14.10	34.00	500		
15.35	33.05	600		
17.00	32.05	700		
18.30	31.10	800		
20.05	30.10	900		
21.45	29.10	1000		
23.20	28.00	1100		
25.00	26.40	1200		
25.20	10.26.30	1315		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

25 fms

Surface net over at 11.44  
 " " " " 12.13  
 Int. net towed at 25 fms.

Maneuver changed in 20 seconds.

P.L. 86.8

OK

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

4169	158
1315	72
2854	86
	1315
	1401

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	39.5	66665	—	39.5
50	37.5	78522	-0.3	37.2
100	38.0	66734	—	38.0
200	38.5	78511	-0.3	38.2
300	38.0	78513	-0.4	37.6
400	38.3	61584	—	38.3
500	37.0	63919	+0.1	37.1
600	37.0	66734	—	37.0
700	36.5	78510	-0.2	36.3
800	36.1	69485	+0.1	36.2
900	35.0	78512	-0.4	35.5
1000	35.5	69480	+0.1	35.6

REMARKS:

Large net -  
 Two medusal, some comus, 2 small fish.  
 Small net:  
 numerous small medusae & sagittae.  
 Dredge - Echin, 3 small fishes like *Strophodon*, 1 thin fish like *Strophodon*,  
 15 *Macrurus* (2 species), 11 large *Amblyura*, 1 *Notacanthus*, 1 small *Carin*,  
 1 *Carin*, 1 long narrow *Stelliolepis* 9 larvae broad dark purple,  
 1 *Stelliolepis*, local like *Stelliolepis*, 75 large pale *Siderastrea*, 40 *Porolithothamnion*,  
 many *Amblyura*, 2 big purple *Strophodon*, 1 *Strophodon* 2 species,  
 1 Starfish.

NOT. *110.*

No. *3604 D?* <sup>Continued.</sup> Date *August 12 1895.*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *large beam.*

25 seals. 17 fem. & males. 3 spawning cows.  
 Contents of stomachs - squid, small fish and  
 follock.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	12.25.10	3.49.00
		100	29.38.	45.00
		200	32.55.	41.55.
		300	36.05.	38.40
		400	39.10	35.20
		500	42.15.	32.20
		600	45.42	29.10
		700	49.15.	25.40
		800	52.28.	22.20
		900	56.20	19.00
		1000	59.42	15.30
		1100	1.02.40	12.00
		1200	06.35.	09.40
		1300	10.10	3.03.00
		1400	13.50	58.05.
		1500	17.45.	53.30.
		1600	21.38.	48.48
		1700	25.12	43.50
		1800	28.42	39.15.
		1900	31.55.	34.15.
		2000	35.43	29.20.
		2100	39.43	24.50.
		(2200)	1.43.05.	2.19.38
		2300		
		2400		

*Sp*

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	45	63102	—	45
100	44	62358	+0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface net. 10 pm.

Stew large brown medusae with other smaller species.  
 + young and or pellets.  
 few small pelagic fishes.  
 Variety of small crustacea.  
 Sponges, sponges net filled with brownish Algae.

24. 55-1' N. 168. 33. 70.

No. 3605 Hyd. Date Aug 13 95  
 Sigbee Machine. Reel. Hawley #2  
 Turns 1090 Cor. + 72 Depth 1162 fm  
 Shot or lead 35 lb.

Bottom gn. mud.  
 Bottom temperature 35.0  
 No. of thermometer 69480 Cor. +0.1  
 Corrected temperature 35.1  
 Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 31.40	12.01.00	0		
32.40	59.45	100		
33.40	58.45	200		
34.40	57.45	300		
35.40	56.45	400		
36.40	55.40	500		
37.40	54.30	600		
38.45	52.20	700		
40.30	51.15	800		
42.15	50.00	900		
44.00	49.00	1000		
11. 45.00	11.47.50	1090		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log, 29.7. 1600. 3 pulling in

OK

2500		
2600		
2700		
2800		
2900		
3000		
3100	4169	158
3200	10910	86
3300	3079	72
3400		1090
3500		1167
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—		45.
50	45	63952	0	45.
100	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



75  
607. H. 54° 54' N - 168° - 13'

No. 3606 Hyd Date Aug. 13, 1895.  
Sigsbee Machine. Reel. Navy #2

Turns 1061 Cor. + 71 Depth 1132 fms

Shot or lead 35 lbs.

Bottom gn m. S.

Bottom temperature 35.4

No. of thermometer 69480 Cor. + 0.1

Corrected temperature 35.5

Air 44 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 45. 35	13. 40	0		
46. 55	12. 07	100		
48. 00	11. 13	200		
49. 15	10. 17	300		
50. 30	09. 20	400		
51. 55	08. 20	500		
53. 15	07. 20	600		
54. 40	06. 20	700		
56. 10	05. 20	800		
57. 40	04. 15	900		
59. 20	03. 00	1000		
2. 00. 30	2. 02. 10	1061		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

R.L. 43.7

PK

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

4169	158
1061	87
3108	71
	1061
	1132

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	-	-	45.0
50	44	63902	-	44.0
100	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. S.M.S. 52,414. 168° 01' 28.

No. 3607 Hyd. Date August 13 1895  
 Sigsbee Machine. Reel. No. 2.

Turns 770 Cor. + 53. Depth 823 fms.  
 Shot or lead 35 lb.

Bottom gy. m. s., Worm tubes.

Bottom temperature 37.

No. of thermometer 69480 Cor. - 0.1

Corrected temperature 37.1

Air 44. Surface 45. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
3.58.30	29.31	0		
59.55	28.27	100		
4.01.12	27.28	200		
02.38	26.29	300		
04.24	25.30	400		
06.32	24.31	500		
15.33	23.32	600		
18.15	22.30	700		
20.13	4.21.40	770 800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sigsbee 57.7

OK

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

4169	158
770	105
<u>3399</u>	<u>53</u>
	770
	<u>823</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	63902	—	44.0
100	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Very small specimen.*

27. *S.P.* 52, 41' N. 168°-25'

No. 3608 Hyd. Date August 13 1895.  
 Sigsbee. Machine. Reel. Navy # 2  
 Turns 1052 Cor. + 70 Depth 1122 fms.  
 Shot or lead 35 lb.  
 Bottom *gn mud*  
 Bottom temperature 35.2  
 No. of thermometer 69480. Cor. + 0.1  
 Corrected temperature 35.3  
 Air 44 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.35.48	7.06.36	0		
37.02	05.31	100		
38.27	04.32	200		
40.05	03.33	300		
41.38	02.34	400		
43.32	01.55	500		
45.27	7.00.31	600		
47.35	59.30	700		
49.29	58.22	800		
51.25	57.18	900		
53.20	56.14	1000		
54.30	6.55.55	1052 <del>1100</del>		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 1.5 - whole section  
 Log 717

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	4169	158
	3300	1052	88
	3400	3117	70
	3500		1052
	3600		1122
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	63902	—	44.0
100	44	62358	+0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

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

$$\begin{array}{r} 28006 \\ \hline 16800 \quad | \quad 5280 \\ \hline 15840 \quad 3.18 \\ \hline 9600 \\ \hline 95200 \\ \hline 44000 \\ \hline 42240 \end{array}$$



7.3.  
71.7.  
35.6

73  
717  
713  
60.6

158  
147  
11  
143  
156

717  
713  
60.6

0.4

12, 23 - 15"

21  
27  
9

4702

47  
46  
93  
960  
1-33

48  
466  
4  
900  
1-32