From 7th July 1895
To 13th August "

d.r 3601 - 3[illegible]
Hyd. 3581 - 3608

Serials. Reel #3.

Turns			Turns.
94	✓		100
188	✓		200
283	✓	✓	300
379	✓	✓	400
475	✓	✓	500
572	✓	✓	600
668	✓	✓	700
766	✓	✓	800
864	✓	✓	900
914	✓	✓	950
939	✓	✓	975
962	✓	✓	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:

40 8
507.

57°23'N. 178°17'W.

No. 3581 Rigd Date July 7th 1895

Higbee Machine. Reel. #2 Nooy

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. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
P.M. 7.17.45	P.M. 8.02.32	0	Made 5 while reeling in.	
18.30	01.59	100		
19.20	01.00	200		
20.10	8.00.00	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	47.30	1500		
34.15	46.15	1600		
35.45	45.10	1700		
37.20	43.50	1800		
39.00	42.15	1900		
7.39.45	7-41.15	1945 ~~2000~~		
		2100		
		2200		
		2300		
		2400		

P. Nooy 61.6

2—571

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:

41.

507 S.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 lb

Bottom gr 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.	
Am DOWN.	Am UP.		DOWN.	UP.
12.25.50	1.11.25	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		
34.44	02.25	900		
35.46	01.25	1000		
36.47	1.00.25	1100		
37.48	59.27	1200		
38.49	58.25	1300		
39.50	57.10	1400		
40.55	54.44	1500		
42.20	53.40	1600		
43.50	52.36	1700		
45.25	51.35	1800		
46.50	12.48.55	1882 ~~1900~~		
		2000		
		2100		
		2200		
		2300		
		2400		

Made Centerhole reading in P. Log. 01.6.

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4169	158
		3400	1885	46
		3500	2287	112
		3600		1882
		3700		1994
		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:

42.
507. H. 57°03'N. 176°00'W.

No. 3583 Hyd Date July 8, 1895.
Sigsbee Machine. Reel. Navy #2
Turns 1699 Cor. + 104 Depth 1803 fms
Shot ~~or lead~~ 60 lbs
Bottom gn M fne ~~bk~~ 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.	
A.M. DOWN.	A.M. UP.		DOWN.	UP.
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		

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400	4169	158
		3500	1699	54
		3600	2470	104
		3700		1699
				1803
		3800		
		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 ~~107~~ S. 56°54'N. 174°50'W.

No. 3584 Hy'd. Date July 8" 1895

Sigsbee Machine. ~~Reel.~~ Novy. #2

Turns 1720 Cor. + 105 Depth 1825 fms.

Shot ~~or lead~~ 60 lb.

Bottom No Spec.

Bottom temperature 35°

No. of thermometer 66734. Cor. —

Corrected temperature 35.0

Air 42. Surface ~~42~~ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	A.M. 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		
12.55	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 ~~1800~~		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 81.6

2—571

		2500	4169	158
		2600	1720	53
		2700	2449	105
		2800		1720
		2900		1825
		3000		
		3100	4169	158
		3200	1720	53
		3300	2449	105
		3400		1720
		3500		1825
		3600		
		3700		
		3800		
		3900		
		4000		

ok

SERIAL TEMPERATURES.

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

REMARKS:

N.

507.

No. 2585 Hyd. Date July 31, 1895.

Sigsbee Machine. Reel. Navy #2

Turns 377 Cor. + 29 Depth 406 fms

Shot ~~or lead~~ 35 lbs.

Bottom gn. M fne. 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		

Pd. 59.7

2—571

		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:

H.
507.

No. _____ Date July 31, 1895

Tanner + Sigsbee 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 Sigsbee Machine

SOUNDING WIRE.		TURNS.	~~DREDGE ROPE~~	
DOWN.	UP.		DOWN.	UP.
a.m.	a.m.		a.m.	a.m.
10 51.40		0	11.01.50	14.30
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
57.55		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		

N.C.D.

P.S. 62.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	536	119
		3200	3633	39
		3300		536
				575
		3400		
		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 Tamer machine without getting bottom.

H.

507.

No. _____ Date July 31, 1895.

Sigsbee Machine. Reel.

Turns 665 Cor. + 47 Depth 712 fms

Shot ~~or lead~~ 35 lbs.

Bottom gn m blk s

Bottom temperature _____

No. of thermometer _____ Cor.

Corrected temperature _____

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m.				
11 40.25	55.50	0		
41.15	54.35	100		
42.07	53.35	200		
43.10	52.35	300		
44.10	51.45	400		
45.30	50.55	500		
46.55	49.55	600		
47.50	11 49.10	665 700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

R. 65.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	4169	158
		3300	665	111
		3400	3504	47
		3500		665
		3600		712
		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.R.S.
507.

No. ——— Date July 31st 1895

Sigsbee Machine. Reel. Navy #2

Turns 352 Cor. + 28. Depth 380 fms.

Shot ~~or lead~~ 35 lb

Bottom gn M, bk S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 45. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Pm DOWN.	Pm UP.		DOWN.	UP.
12.33.15.	43.10	0		
34.15	42.00.	100		
35.20.	41.00	200		
36.35.	40.00	300		
37.00	12.39.30	352 ~~400~~		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

P. Log = 70.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4169	158.
		3400	35	130
		3500	381.7	28
		3600		352
		3700		380
		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.Pr.S.

507.

No. ——— Date July 31 1895.

Tanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53 fms.

~~Shot or~~ lead 26 lb

Bottom bk S & G.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 45. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Pm DOWN.	Pm 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		

Void

Bag 72.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400	543	17
		3500	57	10
		3600	492	7
		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:

SRS.

~~507.~~

No. —— Date July 31 1895

Tanner. Machine. Reel.

Turns 47 Cor. + 2 Depth 49 fms

~~Shot or lead~~ 26 lb

Bottom bk G & bk Sh.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Pm DOWN.	Pm UP.		DOWN.	UP.
1.13.35	14.55.	0		
14.05	1.14.15	~~100~~ 47		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

NTS

P. Log 73.2

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	543	12
		3200	47	10
		3300	496	2
		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:

~~501~~ SRS

No. ——— Date July 31 1895

Tanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48 fms

~~Shot or~~ lead 26 lb

Bottom gy S & bk Sp.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Bw. DOWN.	Bw. UP.		DOWN.	UP.
1.22.55	24/18.	0		
23.15	1.23.25	~~100~~ 46		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

Pig. 73.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	543	17
		3300	46	10
		3400	497	2
		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:

507. BRS.

No. Date July 31 1895.

Tanner Machine. Reel.

Turns 72 Cor. + 3. Depth 75 fms.

~~Shot or~~ lead Hall

Bottom gy S. & bk Sp.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface 45. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Pm. DOWN.	Pm. UP.		DOWN.	UP.
1.38.20	41.45	0		
39.10	1.39.15	~~100~~ 72		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

Bldg 74.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	543	17
		3200	72	9
		3300	471	3
		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:

507 ARb

No. ——— Date July 31 1895

Tanner Machine. Reel.

Turns 106 Cor. + 5 Depth 111 fms

~~Shot or lead~~ 16 lb

Bottom fine bot ogy S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface 45 Drift

Trawl or dredge

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

Void
NCO

Piling 75 f.

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	542	17
		3300	106	2
		3400	437	5
		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:

607 ARS.

No. ——— Date July 31 1895.

Tanner Machine. Reel.

Turns 84 Cor. + 4 Depth 88 fms

~~Shot or~~ lead 16 lb

Bottom Rky. & fine gy S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air ——— Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Bm DOWN.	Bm UP.		DOWN.	UP.
2.41.55	44.05	0		
42.50	2.43.00	84 ~~100~~		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

NCO

Pg. 77.7

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	543	17
		3300	84	8
		3400	459	4
		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:

507. NCS

No. — Date July 31 1895

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52 fms

~~Shot or~~ lead Hills

Bottom fine gy S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Cm. DOWN.	Cm. UP.		DOWN.	UP.
3.17.50	19.20	0		
18.00	3.18.05	~~100~~ 50		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Vol

NCS

P. Log = 80.6

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	548	17
		3300	10	10
		3400	493	2
		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:

1. S. 53°59'N. 166°29'W.

No. 3586 Hyd. Date Aug. 4 '95

Tanner Machine. Reel.

Turns 73 Cor. + 3 Depth 76 fins

~~Shot or~~ lead 26 lb.

Bottom gn. M + S.

Bottom temperature 39.2.

No. of thermometer 66665 Cor. —

Corrected temperature 39.2

Air 46 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Acth 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. Hog. 6.3

2—571

		2500		
		2600		
8K		2700		
		2800		
		2900		
		3000		
		3100	548	12
		3200	78	9
		3300	470	3
		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:

7. S. 54°01.5'W : 166°30.5'W.

507.

No. 3587 hyd Date Aug 4 '95

Sanner Machine. Reel.

Turns 94 Cor. + 4 Depth 98 fms

~~Shot or~~ lead 26 lb.

Bottom fne 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.
Rcd 7.43.00	45.10	0		
43.50	7.43.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Rdg 8.7

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	543	12
		3400	94	8
		3500	449	4
		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:

3. H. 54°03.5' N. 166°31.5' W

507.

No. 3588 Hyd Date Aug 4, 1895

Sauer Machine. Reel.

Turns 89 Cor. + 4 Depth 93 fms

~~Shot or~~ lead 26 lbs

Bottom gy + ~~bk~~ S. Sh

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 ~~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.S. 10.7

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400	543	12
		3500	89	8
		3600		
		3700	454	4
		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:

4.

507 SRS. 54°00.5 N. 169°20.5 W.

No. 3589 Hyd. Date August 4th 1895.

Sigshee Machine. Reel. Navy #2

Turns 940 Cor. + 63 Depth 1003 fms

Shot ~~or lead~~ 35 lb.

Bottom Gr M & bk 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.	
Pm DOWN.	Pm UP.		DOWN.	UP.
9.29.45	55.37	0		
30.48.	54.36	100		
32.00	53.37	200		
33.08	52.38.	300		
34.15	51.37	400		
35.25.	50.38	500		
36.40	49.39	600		
38.00.	48.40	700		
39.20	47.40	800		
40.43	46.40	900		
41.15	9.46.00	940 ~~1000~~		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 5 while reeling in

P. Log 15.0

2—571

OK

2500			
2600			
2700			
2800			
2900			
3000			
3100	4169	158	
3200	940	95	
3300	3229	63	
3400		940	
3500		1003	
3600			
3700			
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface (5 feet)	46	—	—	46
5 ~~25~~	45.5	62358	-0.2	45.3
10 ~~100~~	45.	63902	—	45
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54°30'N. 169°31'W.

S.

No. 3590 hyd Date Aug 5 '95

Sigsbee Machine. Reel. Navy 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.	
Odd DOWN.	UP.		DOWN.	UP.
1.25.30	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	1,54,30	1400 ~~1400~~		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 45

Made 4 reading ins

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000	2769	158
		3100	1240	67
		3200	2769	91
		3300		1400
		3400		1491
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface (5-foot) ~~25~~	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:

6 St. 54°09'N. 169°41'W.

607.

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. fne 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	6. 00 05	1400		
54. 45	59. 00	1500		
56. 05	5. 57. 10	1577 ~~1600~~		
		1700		
		1800		
		1900		
		2000		
		2100	25.0	
		2200		
		2300		
		2400		

2—571

OK

2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200	4169	158	
3300	1577	59	
3400	2592	99	
3500		1577	
3600		1676	
3700			
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
surface				
5 ft 25	45	—	—	45.
5 fm ~~50~~	45	63902	—	45.
10 " ~~100~~	43	62358	-0.2	42.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7. 507. ARS + S. 55°06'N. 169°08'W.

No. 3601 Dredg Date August 5 '95.

Sigsbee Machine. Reel.

Turns 979 Cor. + 65. Depth 1044 fms

Shot ~~or lead~~ 60 lb.

Bottom gn Mo fine S.

Bottom temperature 35.8

No. of thermometer 66665. Cor. —

Corrected temperature 35.8

Air 46. Surface 46. Drift

~~Trawl or dredge~~ Townsend Nex.

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
11.00.15.	20.53	0	1.07.00	1.50.15
01.16	19.51	100	12.15	47.00
02.16	18.52	200	1-17.00	1.43.30
03.15.	17.53	300		
04.14	16.54	400		
05.15	15.54	500		
06.17	14.53	600		
07.20	13.53	700		
08.22	12.52	800		
09.25	11.50	900		
10.05	11.11.04	979 ~~1000~~		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1 35/60 for messenger T. drop. —

Specific gravity specimens to 1000 fms

At 1-17. put over surface tow nex.

At 1.38.30 Hauled in " "

#46 Dropped intermediate net at 200 fms

2—571

P Log 028

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	4169	158.
		3300	979	93
		3400	3190	65
		3500		979
		3600		1044
		3700		
		3800		
		3900		
		4000		

(1)

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	40.	61596	+0.1	40.1
50	38.	69485	+0.1	38.1
100	37.	69480	+0.1	37.1
200	38.1	62364	+0.1	38.2
300	—	78510	✓ did not trip	
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 ✓	Bent. ~~last~~ therm	

REMARKS:

At 11 51.20 stopped running out-wire

At 11 56.20 reeled in.

Surface tow net. Abundance of small crustacea, two small fish. Intermediate net. Abundance of small crustacea, young shrimp & sagitta.

8. H. Cont'd.

No. 3601 Dredge 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	02.00	31.30
		300	07.40	28.35
		400	11.30	25.30
		500	15.10	22.25
		600	19.30	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	56.15
		1300	49.00	51.45
		1400	54.15	46.30
		1500	59.00	41.00
		1600	3.03.20	3.35.45
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—571

		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 ~~25~~	46		—	46
8 ~~50~~	45.5	63902	—	45.5
10 ~~100~~	44.5	62358	-0.2	44.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

49 Macura; 3 Chauliodes, 3 Antimora, 4 Lycodes; Few Shells; 1 Sea Pen; Few worms and Tubes; 100 small Starfish (4 species); 6 Crabs (Lithoidies)
Bottom sample saved

8.

507. N. 55° 12' N. : 168° 47' W.

No. 3592 Hyd Date Aug. 5, 1895

Rigsbee Machine. Reel. Navy #2

Turns 970 Cor. + 65 Depth 1035 fms

Shot ~~or lead~~ 35 lbs.

Bottom br Oz

Bottom temperature 35.5

No. of thermometer 78522 Cor. −0.3

Corrected temperature 35.2

Air 46 Surface 42 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM.	PM.			
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	P.S. 16.8	
		2200		
		2300		
		2400		

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	970	93
		3200	3199	65
		3300		970
		3400		1035
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface (5 feet) ~~25~~	45		—	45.0
5 ~~50~~	44.5	63902	—	44.5
10 ~~100~~	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

9. SRS. 55°34' N. 169°22' W.

No. 3593 Hyd. Date August 5 1895.

Sigsbee. Machine. Reel. Navy #2

Turns 1234 Cor. + 81 Depth 1315 fms

Shot ~~or lead~~ 35 lb.

Bottom br Oz.

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.	
Pm. DOWN.	Am. 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

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	1234	77
		3200	2935	81
		3300		1234
		3400		1315
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface			—	
5 feet ~~25~~	45			45
5 ~~50~~	45	62355	-0.2	44.8
10 100	44	63902	—	44.
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

At. 11.58.30 when 934 lions were out wire slipped reel.
Commenced reeling out again at 12.5.15

S. 55° 36' N. 170° 45' W.

507.

No. 47 Intmed. net Date Aug. 7" 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 Sounding Net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		Oct. DOWN.	UP.
		0	11.19,00	11.56.05
		100	24.50	53.00
		~~200~~ 150	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 Rankin in " "

Towed Intermediate net at 1 oz pres.

2—571

		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 ~~25~~ 10 fat	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. St. 55°10' N: 170°56' W

507.

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.	
P.M. DOWN.	P.M. UP.		DOWN.	UP.
5.20.15	56.40	0	7.07.05	50.30
21.05	55.30	100	12.40	47.25
21.55	54.40	200	17.20	7.44.10
22.50	53.55	300		
23.50	53.03	400		
24.15	52.10	500		
25.50	51.15	600		
26.55	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		
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		

Towed at 150 fms.

Gravity specimens to 1000 fms.

Surface net over at 7.13

" " in " 7.38

Messenger struck in 2 min.

P.L. 20.4

Electric light 55°11' - 171°13'

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
4169	158	3300		
1565	59	3400		
2604	99	3500		
	1565	3600		
	1664	3700		
5 fm. 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 Sagitta.
Intermediate net #48 Numerous small Crustacea and Sagitta. 4 small fish.

10 P.M. Electric light. Abundance of small Crustacea & Siphonophorae

11.

507. SRS. 55° 12' N. : 171° 48' W

No. 3595 Hyd Date Aug 8 1895

Sigsbee Machine. Reel. Kary # 2

Turns 1714 Cor. + 105 Depth 1819 fms.

Shot ~~or lead~~ bell

Bottom h 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.	
DOWN.	UP.		DOWN.	UP.
Am 12.57.20.	40.10	0		
58.55.	39.06	100		
59.45	38.06	200		
1.00.45.	37.06	300		
01.45.	36.07	400		
02.45.	35.08	500		
03.46	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		

Aug 19

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4169	158
			1714	50
		3400	2455	108
		3500		1714
		3600		1819
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

17/8 501. 55°32' N : 172°17' W

No. 3596 Hyd. Date Aug. 8th 95.

Sigsbee Machine. Reel. 3 Navy

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.	
Ages. DOWN.	UP.		DOWN.	UP.
6.21.20	7.03.30	0		
22.30	02.45	100		
23.40	02.60	200		
24.45	01.15	300		
25.40	7.00.30	400		
26.45	59.45	500		
27.45	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		
34.50	53.05	1200		
36.15	52.00	1300		
37.40	51.00	1400		
39.15	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		

Phoo 75

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169.	158.
		3200	1793	50
		3300	2376	108
		3400		1793
		3500		1901
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
~~25~~ 5	45	—	—	45.
~~50~~ 5 m	44.5	63902	—	44.5
~~100~~ 10 m	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

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

C.G.H.

507. A. 55° 53' N. 171° 40' W.

No. 49 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	10.43.50	59.45
		100	49.30	56.10
		200	54.35	11.52.30
		300		
		400		
		500	200 fm	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Surface net over at 11.31
" in at 11.47
Messenger stuck in 1.48"

P. L. 50

2—571

		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 ~~25~~	45	—	—	45
5 ~~50~~	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. NRS 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 Townsend Int. 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		

Surface net over at 5.13.30
" " in at 5.34.10.
Messenger struck in 49 seconds.

P. Log. 20.7

2—571

		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 fm ~~30~~	44.5	63902	—	44,5
10 ~~100~~	44	62358	-0.2	43.8
— ~~200~~	37.6	69480	+0.1	37.7
300				
400				
500				
600	Surface Net. 20 feet deep -			
700				
800				
900	10 Small fish. few crustacea			
1000	+ fish eggs -			

REMARKS:

Towed at 100 fms.

2 small fish. abundance of Amphipod crustacea.

13. S. 507. H. 56°15'N. 172°35'W.

51 Int.

No. 3597 Hyd Date Aug 10" 95.

Sigsbee Machine. Reel. #2 Nooy.

Turns 1189 Cor. + 78 Depth 1267 fms

Shot ~~or lead~~ 60 lb

Bottom Gn. M & S.

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.		P.M. DOWN.	P.M. UP.
am. 10.05.15	10. 31.00	0	1.40.20	09.55
06.10	30.10	75 ~~100~~	44.20	2.07.50
07.00	29.15	200		
08.00	28.20	300	43 fms	
08.50	27.40	400		
09.55	26.45	500		
11.00	26.00	600		
12.05	25.00	700		
13.10	24.05	800		
14.20	23.10	900		
15.30	22.05	1000		
16.45	21.00	1100		
10-17.45	19.45	1189 ~~1200~~		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

2—571

P. Log 46.8.

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	1189	80
		3200	2980	78
		3300		1389
		3400		1267
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

See next page 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	78513	-0.4	37.6
400	37.9	63919	+0.1	38.0
500	37.1	78522	-0.3	36.8
600	37.0	78511	-0.3	36.7
700	—	66734	~~Red~~ ~~Not~~ trip.	
800	36.0	69480	+0.1	36.1
900	36.0	78510	-0.2	35.8
1000	36.0	61584	—	36.0

REMARKS:

Int. net towed at 43 fms depth.
Surface " " " 2 " "
Surface net caught, 1 very small Squid
few Larval Shells; abundance of pelagic
refuge.
Int. net caught: abundance of small
Crustacea, several species; numerous Sagitta

507. SRS. 56° 13' N. 172° 20' W.

No. 52 Int. Date Aug 10 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	4.27.50	54.35.
		75. ~~100~~	31.40.	4.52.20.
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

3 seal Carcases from "Borealis" of Victoria -

P'ly 58.4

Surface net over at 4.33.30.
" " ice at 4.48.40.
Messenger struck on 43 seconds

2—571

		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 pm ~~50~~	45	63902	—	45
10 ~~100~~	44.5	62358	-0.2	44.3
200	at	Sounding	10 am	
300				
400	56° 13' N. 172° 20' W. 5 pm			
5 ft ~~500~~	45	—	—	45
5 pm ~~600~~	44.5	63902	—	44.5
10 " ~~700~~	44	62358	-0.2	43.8
800				
900				
1000				

REMARKS:

Towed at 50 fms

Several species minute crustacea plentiful: sagitta few.

14 S. 56°28' W. 172°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 9m M+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.
P.M. 8.11.05	19.15	0		
12.45	18.10	100		
14.00	8.17.10	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.L. 76.7

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	275	137
		3300	3894	21
		3400		275
		3500		296
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5pm ~~25~~	45	—	—	45
5pm ~~50~~	44	63902	—	44
10" ~~100~~	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

15. 8 56°29'N. 172°39'W.

No. 3599 Hyd Date Aug 10" 95

Sigsbee Machine. Reel. Navy #2

Turns 185 Cor. + 15 Depth 2100 fms

~~Shot~~ or lead 26 lb.

Bottom Gn M & 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.
P.M. 8.34.30	40.20	0		
36.45	8.39.30	100		
37.30	38.00	185 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 77.7

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	185	143
		3300	3984	15
		3400		185
		3500		200
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft ~~50~~	45	—	—	45
5 fm ~~50~~	44	63902	—	44
10 ~~100~~	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

16 8

507.

56°30' N: 172°40' W.

No. 3600 Ryd Date Aug 10" 95

Sigsbee Machine. Reel. Navy #2,

Turns 145 Cor. + 11 Depth 136 fms

~~Shot or lead~~ 26 lbs.

Bottom Gn. M & S,

Bottom temperature 37°

No. of thermometer 69480 Cor. +0.1

Corrected temperature 37.1

Air 45 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.52.45	8.57.00	0		
54.00	56.00	100		
54.30	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. Kay 78.7

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	63900	—	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 Navy

Turns 102 Cor. + 8 Depth 110 fms;

~~Shot or~~ lead 26 lb.

Bottom Tu M & S.

Bottom temperature 37°

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		
		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 80.2

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	102	150
		3300	4067	8
		3400		102
		3500		110
		3600		
		3700		
		3800		
		3900		
		4000		

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:

18 S. 56°32'N : 172°40'W.

507.

No. 3602 Dredge Date Aug 10" 95

Sigsbee Machine. Reel. Hooy 1/2.

Turns 76 Cor. + 5 Depth 81 fins.

~~Shot or~~ lead 26 lb.

Bottom gr ob + 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.
P.M. 9,42,30	44,00	0	9,54,15	30,00
43,15	43,20	76	58,15	25,30
—	—	180	10,02,15	10,22,16
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 8.2

Towed surface net for 15'

2—571

8K		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	76	53
		3300	4093	7
		3400		78
		3500		87.
		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				

Invertebrates

1 peck Small scallops, and sps. small shells, 6 sps. Stars, 3 or 4 sps. Ophiuroids 5 or 6 sps. Shrimps, Prawns, Many lge Barnacles, 2 dozen lge Anemones, few Small Crabs, many Hermits in shells. few annelids, Sponge

REMARKS:

20 lge Rock Fish (Sebastodes) and few young.
9 Atheresthes Flounders —
5 Pleuronectes glacialis Flound.
1 Ray with egg case - (Raia)
Many small fishes (Agonidae, Cottidae, Lycodia)

19. H. 55°53'N: 171°42'W.

507.

No. 3602 Hyd Date Aug. 11, 1895

Sigsbee Machine. Reel. Navy #2

Turns 1405 Cor. + 91 Depth 1496 fms

Shot ~~or lead~~ 55 lbs

Bottom gr M. S.

Bottom temperature 35.0

No. of thermometer 69480 Cor. +0.1

Corrected temperature 35.1

Air 45 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m.	a.m.			
4. 26. 00	04. 55	0		
27. 30	03. 45	100		
28. 45	02. 45	200		
30. 05	01. 50	300		
31. 30	6. 00 55	400		
33. 55	59 55	500		
34. 25	57. 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	4. 48. 45	1405 1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made .3 mile while reeling in

P.S. 32.1

2—571

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	37.1			
1000	18.8			
	50.9			

REMARKS:

10.

507. S.P.S. + S. 55°23'N. 170°31'W.

Int. no 53.

No. 3603 A.D. Date August 11 1895

Sigsbee. Machine. Reel. Navy #2

Turns 1668 Cor. + 103. Depth 1771 fms.

Shot ~~or lead~~ 6 oz

Bottom Lr Oz

Bottom temperature 35.0

No. of thermometer 69480. Cor. +0.1

Corrected temperature 35.1

Air 46 Surface 45 Drift

Trawl or dredge Townsend Int Net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Am. DOWN.	UP.		pm DOWN.	UP.
11.20.18	56.35.	0	12.43.15	1-10.15.
21.17	55.31	~~100~~ 50	12-46.00	1.09.00
22.16.	54.32	200		
23.15.	53.33	300		
24.14	52.34	400		
25.13.	51.36	500		
26.13	50.37	600		
27.14	49.39	700		
28.15	48.40	800		
29.16.	47.41	900		
30.18	46.42	1000		
31.19	45.43	1100		
32.21	44.43	1200		
33.23	43.42	1300		
34.30.	42.35	1400		
35.50.	41.30	1500		
37.13	40.25.	1600		
38.12	11.39.35.	~~1700~~ 1668		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 88.1

Intermediate net #53 at 48 fms.

Pitover surface net at 12.48.

Hauled in " " " 1.10

Messenger stored in 27"

2—571

8K

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	1668	55
		3200	2501	103
		3300		1668
		3400		1771
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	38.°	63919	+0.1	38.1
50	38.4	61584	—	38.4
100	36.°	66734	—	36.0
200	38.5	78510	-0.2	38.3
300	38.3	69485	+0.1	38.4
400	38.°	66724	+0.1	38.1
500	37.5	66665	—	37.5
600	37.°	61596	+0.2	37.2
700	36.3	78513	-0.4	35.9
800	36.°	62364	+0.1	36.1
900	35.9	78522	-0.3	35.6
1000	35.7	78512	-0.4	35.3

REMARKS:

Intermediate net —
1 young Gadoid, medusae, few annelida
1 embryo Octopod, Sagitta, miscellaneous
crustacea

507. S. H. Continued

No. 3603 Dr'd, Date Augst. 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. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
		0	1.14.30	22.25
		100	18.30	19.35
		200	21.45	16.45
		300	25.00	13.55
		400	28.30	11.10
		500	31.15	08.15
		600	34.05	05.25
		700	36.40	5.02.30
		800	39.40	59.35
		900	42.15	56.40
		1000	45.15	53.45
		1100	49.00	50.30
		1200	52.20	46.55
		1300	55.20	43.15
		1400	58.30	39.35
		1500	2,02.00	35.50
		1600	05.00	31.50
		1700	08.00	27.15
		1800	11.30	22.15
		1900	15.05	16.15
		2000	18.10	09.15
		2100	22.30	05.00
		2200	26.45	4.45.00
		2300	30.15	56.15
		2400	34.15	3.57.00

Rest over surface Nix at 2'.47"
Knuckle in " " 3'.11"
Refuse - all brownish spicules.

Seals { Secured 22 seal carcases - 20 fem. 2 male - 2 yearling fem. 7 stomachs empty; 15 containing small squid, small fish; several contained portions of pollock & cod -

2—571

		2500	37.30	45.45
		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.	11.00 am
50	44.5	62358	-0.2	44.3	
100	44	63902	—	44.	
200					
300	44	—	—	44.	4.25 pm
400	44	62358	-0.2	43.8	
500	44.5	63902	—	44.5	
600					
700					
800					
900					
1000					

Surface 10 P.M.
Few small red Medusae, 1 large white Medusa, many small crustacea and worms.

REMARKS:

1 large unknown fish, 1 large Macrurus
3 small Myctophum, 100 Holothurians 6 sp.
½ doz Pynogonida (2 sp), peck of worm tubes.
½ " long fleshy Alcyonarians, few Prawns (2 or 3 sp)
small quantity Sponges, several species Worms,
few Ophiurians, 4 Urchins, rare form,
few small Crabs, few small shells, few
small squid, 2 large soft red starfish
1 small white Pennatula 4 small " "

21. 507 SRS. 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 lb.

Bottom gn Oz

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.		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	~~1000~~ 960.		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log = 30.3

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4169	158.
		3400	960	93
		3500	3209	65
		3600		960
		3700		1025
		3800		
		3900		
		4000		

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:

22. S. 54°46' N. 169°29' W.

501.

No. 3604 hyd Date Aug. 12" 95.

Sigsbee Machine. Reel. Navy #2.

Turns 1272 Cor. + 83 Depth 1355 fms.

Shot ~~or lead~~ 35 pd.

Bottom gn. Oz

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.
Auth 4.28.30	5.06.20	0		
29.40	05.00	100		
31.00	04.05	200		
32.15	03.15	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		

Made 4 reeling in

P. 569 to 3

2—571

OK		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	1272	73
		3300	2897	83
		3400		1297
		3500		1365
		3600		
		3700		
		3800		
		3900		
		4000		

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. 507. H. S.R.S. 54° 54' N. 168° 59' W.
Int. no 54.

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. DOWN. a.m.	UP. a.m.	TURNS.	DREDGE ROPE. DOWN.	UP.
10.06.45	39.50	0	11.42.20	16.40.
07.52	38.40	~~100~~ 35	43.40	12.15.20.
09.00	37.40	200		
10.10	36.47	300		
11.20	35.50	400		
12.45	34.57	500		
14.10	34.00	600		
15.35	33.05	700		
17.00	32.05	800		
18.30	31.10	900		
20.05	30.10	1000		
21.45	29.10	1100		
23.20	28.00	1200		
25.00	26.40	1300		
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
" " in " 12.13
Int. net towed at 25 fms.

Messenger shoot in 20 seconds.

P.L. 86.8

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	1315	72
		3300	2854	86
		3400		1315
		3500		1401
		3600		
		3700		
		3800		
		3900		
		4000		

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	35.9	78512	-0.4	35.5
1000	35.5	69480	+0.1	35.6

REMARKS:

'Surface net' –
Few medusae, rooms & crustacea: 2 small fish.
'Int. net':
numerous small crustacea & sagitta.
'Dredge' –, Fishes, 3 small fishes like Scofelus, 1 sm fish like Lasiopectus, 15 macrurus (2 species), 11 large antimona, 1 notacanthus, 1 small Raia.
Invertebrates, 3 long narrow Holothuricans, 9 large broad dark purple holothuricans, broad like Kenhodytes. 75 large pale redarahs, 40 quite rarity anemones, 2 dry purple or pink prawns, 1 quite sm shells 2 species, 1 Starfish.

507. SRS.

No. 3604 Dr. Continued. 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.

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	07.40
		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		

25 seals. 17 fem. 8 male. 3 yearling cows. Contents of stomachs - 0 grid, small fish and pollock.

Seals

2—571

		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.

Few large brown Medusae with other smaller species.

+ Young cod or pollack.

Few small pelagic fishes.

Variety of small crustacea.

Large, centimeter filled with brownish Algae.

24. 507. S. 55°-1' N. 168°. 33'. W.

No. 3605 Hyd. Date Aug 13" 95

Sigsbee Machine. Reel. Navy #2

Turns 1090 Cor. + 72 Depth 1162 fm

Shot ~~or lead~~ 35 lb.

Bottom gr m & s.

Bottom temperature 35°

No. of thermometer 69480 Cor. +0.1

Corrected temperature 35.1

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. 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		

C. Log. 29.7. Made 3 reading in

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4169	158
		3200	10910	86
		3300	3079	72
		3400		10910
		3500		1162
		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 H. 54°54" N - 168°-13'.

507.

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.
a.m.	a.m.			
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

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	4169	158
		3300	1061	87
		3400	3108	71
		3500		1061
		3600		1132
		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:

26 S.R.S. 54°41'N. 168°01'W.

507.

No. 3607 Hyd. Date August 13 1895

Sigsbee Machine. Reel. Navy #2.

Turns 770 Cor. + 53. Depth 823. fms.

Shot ~~or lead~~ 35 lb.

Bottom gr 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.	
Am DOWN.	Am UP.		DOWN.	UP.
3.58.30	29.31.	0		
59.50.	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		

P Log 57.7

2—571

OK

2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200	4169	158	
3300	770	105	
3400	3399	53	
3500		770	
3600		823	
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:

Very small specimen.

27 507. SRS. 54°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 M & S

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.	
Am DOWN.	Am. 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	01.35	500		
45.27	7.00.31	600		
47.35	59.30	700		
49.29	58.22	800		
51.25	57.18	900		
53.20	56.12	1000		
54.30	6.55.55	1052 ~~1100~~		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 5 - while reeling in.

P. Log 71.7

2—571

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		

2800
6
16800 | 5280
15840 3.18
9600
5200
44000
42240

$$\begin{array}{r} 7\ 3 \\ 7\ 3 \\ \hline 7\ 3 \\ \hline 6\ 0.\ 6 \end{array}$$

$$\begin{array}{r} 7.3. \\ 7\ 1.\ 7 \\ \hline 3\ 5.\ 6 \end{array}$$

12 . 43' - 15"

4702

47
46
93
960
1 - 33

48
2
46
46
92
960
1 - 32