No.

Apl. 26th 1893
to
July 12th 1893.

Hyd. 3240 to 3281
D: 3477 to 3481.

1512

203

5023
1512
3511

99.6
30
1.2
130.8

4820
645
4175

406+7-413-
106. 4/3
300. 156/9

54-55
160-42

10.42
10.54

30.8
21.4
5.4
26.4
1.08
1.08
28.56
1.08
29.64
1.08
30.72

13
3
10
300
310

585
300
285
~~13~~
~~245~~

21.0
10.2
10.8
1.08

37

1+1=2

$$\begin{array}{r} 37 \\ 9 \\ \hline 333 \\ 2 \\ \hline 335 \end{array}$$

Hyd 3240.
D: - 3477. } Next nos.

Large Mach - - Sigsbee
Small " Tanner.

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:

No. D- 3477. Date April 26th 1893.

Tanner Machine. — Reel.

Turns 77 Cor. + 3 Depth 80 fms -

~~Shot~~ or lead 25 lbs -

Bottom Rky - ?

Bottom temperature 46°.5

No. of thermometer 52732 Cor. —

Corrected temperature 46,5

Air 54° Surface 51° - Drift —

~~Trawl or dredge~~ Large Beam -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-13-45	,4-45	0	9-20-45	55-45
14-15	9-14-20	77	26-00	51-30
		100	30-10	48-00
		200	39-15	9-46-45
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. log reads 1 - 41.8 -

		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:

Trawl not on bottom
Nothing in it.

607. 36-48-15 -121° 59' 05"

No. Hyd 3240 - Date April 26-1893-

Tanner Machine. — Reel.

Turns 256 Cor. + 10 Depth 266-

~~Shot or~~ lead 25 lbs.

Bottom Rock head

Bottom temperature Cast thermometer -

No. of thermometer 52732 Cor. —

Corrected temperature —

Air 58° Surface 54° - Drift

~~Trawl or dredge~~ Tanner Intermediate -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-57-40	03-15	0	10-11-15	
58-15	02-15	100	Experimented & readjusted.	
59-00	01-30	200		
10-00-15	10-00-30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Tanner Intermediate -

Towed at a depth of 8 fms on dredge rope at an angle making depth at which towed 5 fms.	2500	Messenger started at —
	2600	Struck at —
	2700	
	2800	
	2900	
	3000	
	3100	
Few Small Crustaceans, Numerous Sagitta; & many Salpae - in lower net. (Closed.)	3200	Upper net had a few Salpae.
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300		560	14	
400		256	4	
500		304	10	
600			256	
700	Lost seven (7)		266	
800	turns sounding wire -			
900	Ther. $52732, and			
1000	one 26# lead -			

REMARKS:

Cut off 147 fms - ~~broken wire~~ - bad wire - Rover off new Stray-line

507. N.C.G. 36° 44' 45" — 121° 57'

No. D-3478 - Date April 26 - 1893.

Tanner Machine. — Reel.

Turns 66 Cor. + 2 Depth 68 fms.

~~Shot or~~ lead 26 lbs.

Bottom gy. S. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 56° Surface 53° - Drift

Trawl ~~or dredge~~ Large Beam -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		A.M. DOWN.	UP.
11-10-00	11-30	0	11-24-00	55-00
10-30	11-10-40	100	28-15	49-45
		180 ~~200~~	30-30	11-45-00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Experimented with Tanner

Intermediate Net -

Put surface tow - net over on port boom at 11:30 - In at 11-44 -

Salpae; Sagitta; & few Small Crustaceans.

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				
50		406 7		
		66 5		
100		340 2		
200		66		
		68		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 Small Stars; 1 pt. Shells (6 sps).
3 sps. Flounders; few small Shrimp
1 Red Rock fish. 3 Naked Mollusks.
3 Skates (Raja binoculars)
3 Sea Urchins; few Worms.
7 Holothurians - 1/2 pt. Ophiurans.
6 Verrillas; 1 small Squid, Bryozoa, Hydroids.

507. ~~M.H.~~ 37°28'-123° 00'

No. Dr-3479- Date April 27-1893-

Tanner

Machine. — Reel.

Turns 270 Cor. + 6 Depth 276 fms-

~~Shot or~~ lead 25 lbs-

Bottom gn. M. fm. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 52 Surface 50 Drift

Trawl ~~or dredge~~ Large Beam -

AM SOUNDING WIRE. DOWN.	UP.	TURNS.	AM DREDGE ROPE. DOWN.	UP.
6-34-15	43-10	0	6-55-00	20-25
35-30	41-15	100	7-01-30	17-35
36-45	38-45	200	06-00	14-45
37-35	6-37-50	300	09-30	11-30
		400	13-00	08-2
		500	17-30	04-35
		600	20-45	8-01-15
		700	24-15	58-15
		800	28-00	7-54-45
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Bearing } N. + N. ½ W. (Mag-)
S. Farallon

S- 27.4
Pat. log read - P- 58.9.

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	406	7		
50	270	1		
100	136	6		
200		270		
300		276		
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1/2 doz. Hag Fish; 13 Flounders (3 sps.) 1 Red Rock Fish (2 sps.) 1 Scopolus; 1 Chauliodus; 4 sps. Star fish; 1 qt. Hermit Crabs; few Serpent Stars; 1/2 bu. Sea Urchins (2 sps.) 1 qt. Univalves; few Small Shrimps; 1 prawn; few Worms; 1 Sea Anemone.

507 K.H. 37°29' – 123°01'20"

No. Hyd. 3241 Date Apl. 27-1893.

Sigsbee Machine. 2 Reel. Navy

Turns 278 Cor. + 23 Depth 301 fms.

~~Shot or~~ lead 35 #

Bottom Stiff gray Mud.

Bottom temperature 41.8

No. of thermometer 62369 Cor. -0.1

Corrected temperature 41.7

Air 54 Surface 53 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
am				
8-30 -55	39-	0		
31-45	37-45	100		
32-45	36-45	200		
33-45	8-35-40	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300	278	
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—571

Towed at depth of 120 fms on dredge rope at an angle of ——— making depth at which towed 100 fms

Lower Bag Empty.

Upper Bag: 1 small Scopolus. few small Crustaceans.

~~2500~~	Tanner	Interm.
~~2600~~	8-47-35	16 -
~~2700~~	51-45	12-45 09-45
~~2800~~ 120	52-20	908-45
2900		
3000		
3100		
3200		
~~3300~~	messenger started at 9-11-30	
3400	struck - 12 15	
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50		4820	203	
100		278	180	
200		4542	23	
300			278	
400			301	
500				
600				
700				
800				
900				
1000				

REMARKS:

507

N.C.F.

No. 3242 Hyd Date June 5th 1893.

Sigsbee Machine. #2 Reel. Navy.

Turns 1929 Cor. + 135 Depth 2064

Shot ~~or lead~~ 60 lbs.

Bottom gy. Oz.

Bottom temperature 35.0

No. of thermometer 6, 663. Cor. −0.4

Corrected temperature 34.6

Air Surface Drift

Trawl or dredge

9 A.M.

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
1- 15-30	2= 00-00	0		
16-25	59-05	100		
17-20	58-45	200		
18-10	58-00	300		
19-10	57-10	400		
20-10	56-15	500		
21-05	55-20	600		
22-10	54-30	700		
23-15	53-35	800		
24-20	52-45	900		
25-30	51-50	1000		
26-35	50-50	1100		
27-40	49-50	1200		
28-50	48-45	1300		
30-00	47-40	1400		
31-15	46-30	1500		
32-25	45-15	1600		
33-40	44-00	1700		
35-05	41-30	1800		
36-25	40-00	1900		
36-55	1-39-45	1929 ~~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.
25		4820	203	1929
50		1929	68	135
100		2891	135	2064
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No. 3243 Hyd. Date June 6th 93

Tanner Machine. Reel.

Turns 57 Cor. + 2 Depth 59 fms

Shot ~~or lead~~ 25 lbs

Bottom Gy, S, Sh

Bottom temperature

~~No. of thermometer~~ Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM.				
9·01·20	03-30	0		
9·01·45	9·02	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		406 + 57 = 349	57 + 2 = 59	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No. 3244 Hyd Date June 8 - 1893 -

Tanner Machine. — Reel.

Turns 84 Cor. + 3 Depth 87 fms -

~~Shot or lead~~ 25 lb -

Bottom Soft M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air Surface Drift —

Trawl or dredge —

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
7.00-00	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Two Headed Cape — N. x S. (Mag.)
South End Sitkalidah Id. N. x N. (Mag.)

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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 54° 42' 160° 47'

No. 3245 Hyd. Date June 15th 1893

Danner Machine. — Reel.

Turns 6-8 Cor. + 2 Depth 60

~~Shot~~ or lead 25 lbs.

Bottom Bu. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 47 Surface 44 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
At 6.16	6.15	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

54° 56' 15" - 159° 01'

No. 3246 Hyd. Date June 19-1893.

Yarmer Machine. — Reel.

Turns 47 Cor. + 1 Depth 48

~~Shot or~~ lead 25 lbs

Bottom gy ~~dk~~. S. & P.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M. 8.10	8.15	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

507.

54° 56' 30" - 159° 05' 20"

No. 3247 Hyd. Date June 19-1893-

Tanner Machine. — Reel.

Turns 40 Cor. + 1 Depth 41

~~Shot or~~ lead 25 lbs.

Bottom Gy. S. Shy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-28-00	8-30-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

54°58'45" - 159°09'

607.

No. 3248 Hyd. Date June 19 - 1893

Dauner Machine. — Reel.

Turns 35 Cor. + 1 Depth 36

~~Shot or~~ lead 25 lbs.

Bottom Gy. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-45-00	8-49-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

507. 54° 57' 45" - 159° 11'

No. 3249 Hy. Date June 19-1893.

Sauner Machine. — Reel.

Turns 37 Cor. + 1 Depth 38 fms.

~~Shot or~~ lead 25 lbs.

Bottom gy. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-01-00	9-05-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

54° 58' 45" – 159° 13' 45"

807.

No. 3250 Hyd. Date June 19th 1893.

Sounder Machine. Reel.

Turns 32 Cor. + 1 Depth 33 fms.

~~Shot or~~ lead 25 lbs.

Bottom S. brk. Sh.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-16-00	9-20-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

507. 55° 01' 30" — 159° 16' 30"

No. 3251 Hyd. Date June 19th 1893.

Tanner Machine. — Reel.

Turns 26 Cor. + 1 Depth 27 fms.

~~Shot or~~ lead 25 lbs.

Bottom gy. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 46 Surface 43 Drift —

Trawl or dredge —

Am. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
9-52-00	9-55-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 55° 02' 15" — 159° 19' 05"

No. 3252 Hyd. *Date* June 19th 1893.

Tanner *Machine.* — *Reel.*

Turns 17 *Cor.* + — *Depth* 17 fms.

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

Bottom fne. gy. S.

Bottom temperature

No. of thermometer — *Cor.*

Corrected temperature

Air 46 *Surface* 43 *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-14-00	10-17-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

507. 54°04' N. 162°55' W.

No. 3255-3 Hyd Date June 27 93

Tanner Machine. Reel.

Turns 47 Cor. + 1 Depth 48

~~Shot or~~ lead 25 lbs.

Bottom S + B.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
658	700	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—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				
50	Condemned and			
100				
200	expended 413 fms-			
300				
400	~~Soundings~~ wire from			
500				
600	Sounding Machine.			
700				
800				
900				
1000	Rove off 596 fms.			

REMARKS:

New wire #21.

507. Correction for Dammer

No. Reel - Date June 27th 1893.

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.	fms.		Cor + DOWN.	UP.
25.	25.	0	0.	
50.	550.	100	0.	
75.	775.	200	0.	
1100.	1100 1.	300	11.	
25.	1126.	400	11.	
50.	1151.	500	11.	
75.	1177.	600	12.	
2100.	2202.	700	12.	
25.	2228.	800	13.	
50.	2253.	900	13.	
75.	2278.	1000	13.	
3300.	3304.	1100	14.	
25.	3329.	1200	14.	
50.	3355.	1300	15.	
75.	3380.	1400	15.	
4400.	4406.	1500	16.	
25.	4432.	1600	17.	
50.	4458.	1700	18.	
75.	4484.	1800	19.	
5500.	5510.	1900	110.	
25.	5536.	2000	11.	
50.	5562.	2100	12.	
75.	5588.	2200	123.	
6600.	5614.	2300	13.	
		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.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. T.K.H. 51°32' - 175°52'

No. 3254 Hyd Date July 1, 1893

Sigsbee Machine. Reel. Navy #2

Turns 645 Cor. + 52 Depth 697-

Shot ~~or lead~~ 35 lbs

Bottom ~~Hard bottom~~. blk sand

Bottom temperature 37

No. of thermometer 66663 Cor. -1.4

Corrected temperature 36.6

Air 43 Surface 48 Drift nix

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
pm 12-03	pm 21-35	0		
20 sec loss 03-46				
04-20	20-35	100		
05-40	19-55	200		
07-10	19-10	300		
08-30	18-15	400		
09-50	16-55	500		
11-10	15-38	600		
11-50	12-14.50	645 700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lost eye piece overboard

Pat. log read - 68.1

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		4820	203	
50		645	151	
100		4175	52	
200			645	
300			697	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1893 51°35'40 - 176°41'00"

No. 3255 Ag^l. Date July 1st 1893 -

Tanner Machine. Reel.

Turns 60 Cor. + 2 Depth 62 fms -

~~Shot or~~ lead 25 lbs.

Bottom crs. 99 S. Sh.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 47 Surface 48 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-24-45	26-30	0		
25-15	4-25-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pat. Log - 10.9 -

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		4820	203	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 51° 35' 40" N. 176° 46' 15" W.

No. 3256 Hyd. Date July 1st 1893

Tanner Machine. Reel.

Turns 45 Cor. + 1 Depth 46 fms.

~~Shot~~ or lead 25 lbs.

Bottom Grs. gy. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-51-10	55-00	0		
51-30	5-54-00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		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:

Lat. 51° 33' 30" N. Long. 176° 50' W.

No. 3257 Hyd. Date July 5th 1893.

Tanner Machine. — Reel.

Turns 55 Cor. + 2 Depth 57 fms —

~~Shot or~~ lead 25 lbs —

Bottom Sh. (hard) —

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature

Air 50° Surface 47°. Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-47-50	49-30	0		
48-30	9-48-46	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Q. Soft mud 38.3

		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:

~~Hr. F.~~ 51° 32' 00" N. 176° 49' 00" W.

No. 3258 Hyd. - Date July 5th 1893 -

Tanner Machine. — Reel.

Turns 75 Cor. + 3 Depth 78 fms -

~~Shot or~~ lead 25 lbs -

Bottom gy. S. Sh. -

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 47° - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-06-30	10-00	0		
08-00	10-08-05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log - 39.5 + 3 = deg. 1 5/10

2—571

Boarded "Brenda"

		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:

507. 51° 28' 00" N. 176° 49' W.

No. 3259 Hya Date July 5th 1893.

Sigsbee. Machine. #2 Reel. Navy.

Turns 158 Cor. + 14 Depth 172 fms.

~~Shot or~~ lead 35 lbs.

Bottom gy. S. P.

Bottom temperature 39.8.

No. of thermometer 66663. Cor. -0.4

Corrected temperature 39.4

Air 50° Surface 47°. Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-23-00	28-00	0		
23-45	27-00	100		
24-30	11-26-15	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 - 43.5.

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		4870	203	
50		158	189	
100		4662	14	
200			158	
300			172	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

51°24' N. 176°50' W.

507. F.K.H.

No. 3260 Hy 1 Date July 5th 1893

Sigsbee Machine. Reel. Navy #2

Turns 394 Cor. + 34 Depth 428

~~Shot or~~ lead 36 lbs.

Bottom gy S Sh.

Bottom temperature 39

No. of thermometer 66663 Cor. -0.4

Corrected temperature 38.6

Air 52 Surface 44 Drift SxE¼E (mag) (about 60 ft)

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	P.M.			
12-02-45	13-40	0		
03-50	12-40	100		
05-10	11-45	200		
06-25	10-40	300		
07-45	12-09-40	393 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		203 ~~1600~~		
		~~1700~~ 35		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4820
393
4427

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		4870	202	
50		343	170	
100		X427	33	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

LRS

507.

Lat. N 51° 19'
Long. W 176° 39'

No. 3261 Hyd. Date July 6/93

Sigsbee Machine. Reel. Navy #2

Turns 1512 Cor. + 110 Depth 1622

Shot ~~or lead~~ 35 lb

Bottom bk. S & brk Sh.

Bottom temperature 36 2/10.

No. of thermometer 66663 Cor. -0.4

Corrected temperature 35.8

Air 48 Surface 44 Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Am	Am			
8-53.40	30.44	0		
54.50	29.49	100		
55.45	29.12	200		
56.50	28.30	300		
58.10	27.46	400		
59.45	27.2	500		
9.01.15	26.15	600		
02.33	25.28	700		
03.55	24.37	800		
05.22	23.50	900		
06.52	22.55	1000		
08.21	22.0	1100		
10.01	20.59	1200		
11.36	19.58	1300		
13.18	18.55	1400		
15.09	9.18.38	1500		
15.23		1512		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Distance run while reeling in 1.4 ESE (mag)

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		4820	203	1512
50		1512	93	110
100		3308	110	1622
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. Lat. = N. 51° 11
Long. = W. 176° 25'

No. 3262 Hyk. – Date July 6/93
Sigsbee Machine. Reel. Navy #2

Turns 2200 Cor. + 150 Depth 2350

Shot ~~or lead~~ 60 lbs

Bottom gy. oz. fne. S.

Bottom temperature 37.3

No. of thermometer 66663 Cor. -0.4

Corrected temperature 36.9

Air 52 Surface 44 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
am. 11- 3.35	58.50	0		
4.40	57.43	100		
5.40	56.43	200		
6.40	55.48	300		
7.38	54.52	400		
8.33	53.58	500		
9.37	53.03	600		
10.38	52.03	700		
11.40	50.56	800		
12.47	49.43	900		
13.55	48.27	1000		
15.06	47.08	1100		
16.18	45.42	1200		
17.28	44.17	1300		
18.41	42.50	1400		
19.58	41.26	1500		
21.19	40.01	1600		
22.45	38.45	1700		
24.08	37.28	1800		
25.32	36.00	1900		
26.54	34.36	2000		
28.26	33.10	2100		
29.55	11-31.55	(2200)		
		2300		
		2400		

Distance run while reeling in 1 7/10 m Course

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		4820	203	2200
50		2200	53	150
100		2620	150	2350
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. K.C.F. 51°00' N. 176°04' W.

No. 3263 Hyd. Date July 6th 1893 -

Sigsbee Machine. #2 Reel. Navy.

Turns 1905 Cor. + 134 Depth 2039 fms -

Shot ~~or lead~~ 60 lbs.

Bottom gy. M. S.

Bottom temperature 37.7 -

No. of thermometer 66663 - Cor. -0.4

Corrected temperature 37.3

Air 52° Surface 44° - Drift

Trawl or dredge ——

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
2-12-00	54-15	0		
12-45	53-10	100		
13-30	52-15	200		
14-15	51-20	300		
15-00	50-20	400		
16-00	49-30	500		
17-00	48-30	600		
18-00	47-30	700		
19-00	46-30	800		
20-00	45-30	900		
21-00	44-35	1000		
22-15	43-40	1100		
23-25	42-45	1200		
24-35	41-45	1300		
25-45	40-45	1400		
26-50	39-35	1500		
28-00	38-20	1600		
29-15	37-00	1700		
30-30	35-45	1800		
31-50	2-34-30	1900 05		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log - 49.3 -

Made 6/10 on course while reeling in

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		4830	203	1905
50		1905	69	1340
100		2915	134	2039
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

F.K.H. 50° 41' N. 175° 30' W.

507.

No. 3264 Hyd Date July 6, 1893

Sigsbee Machine. #2 Reel. Navy

Turns 3140 Cor. + 183 Depth 3323

Shot ~~or lead~~ 60 lbs.

Bottom gy M & S

Bottom temperature 40

No. of thermometer 66663 Cor. -0.4

Corrected temperature 39.6

Air 49 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	P.M.			
6-27-40	8-00-40	0		
28-40	59-30	100		
29-45	58-45	200		
30-50	57-50	300		
31-50	57-05	400		
32-50	56-05	500		
33-55	55-10	600		
35	54-05	700		
36	53-	800		
37-10	57-55	900		
38-25	50-50	1000		
39-35	49-45	1100		
40-50	48-25	1200		
42-10	47	1300		
43-30	45-35	1400		
44-55	44-10	1500		
46-15	42-45	1600		
47-45	41-20	1700		
49-15	40-	1800		
50-50	38-45	1900		
52-25	37-25	2000		
53-55	36-15	2100		
55-30	34-55	2200		
57-10	33-25	2300		
58-55	7-31-40	2400		

Ran 2' while reeling in

P Log 80.3 on course

2—571

PM

7-00-45	29-35	2500		
02-45	27-40	2600		
04-30	26-05	2700		
06-20	24-25	2800		
08-15	22-45	2900		
10-20	21-05	3000		
12-30	19-20	3100		
14-45	17-18-20	3140 3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4820	203	3140
50		3140	20	183
100		1680	183	3323
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

6,27,60
7,14,45
1,47,05
60
2423

50° 28' N. 175° 10' W.

No. 3265 Hyd. Date July 6 1903

Sigsbee Machine. Reel. Navy #2

Turns 3805 Cor. + 197 Depth 4002

Shot ~~or lead~~ 60 lbs

Bottom Gr Oz.

Bottom temperature 35

No. of thermometer 66663 Cor. -0.4

Corrected temperature 34.6

Air 50 Surface 49 Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	A.M.			
10.24.20	12.18.50	0		
1.15 25.35	1.25 17.25	100		
1.10 26.45	1.03 16.22	200		
1.15 28.00	1.03 15.19	300		
1.18 29.18	1.03 14.16	400		
1.12 30.30	1.03 13.13	500		
1.20 31.50	1.03 12.10	600		1.6
1.20 33.10	1.02 11.08	700		
1.20 34.30	1.02 10.06	800		
1.14 35.48	0.59 9.07	900		
1.20 37.08	1.01 8.06	1000		
1.14 38.26	1.01 7.05	1100		
1.15 39.41	1.02 6.03	1200		
1.14 40.59	1.05 4.58	1300		
1.19 42.18	1.04 3.54	1400		
1.14 43.32	1.20 2.34	1500		
1.18 44.50	1.11 1.23	1600		
1.22 46.13	1.15 12.0.8	1700		
1.20 47.33	1.19 58.49	1800		
1.24 48.57	1.27 57.22	1900		
1.23 50.20	1.24 55.58	2000		
1.21 51.41	1.22 54.36	2100		
1.23 53.04	1.19 53.17	2200		
1.26 54.30	1.15 51.52	2300		
1.27 55.58	1.29 11.50.23	2400		

Distance down while reading in 16/4 (4?)

2—571

1.27	10.57.25	1.27	48.56	2500		
1.30	58.55	1.31	47.25	2600		
1.30	11.0.25	1.34	45.51	2700		
1.27	1.52	1.38	44.13	2800		
1.26	3.18	1.33	42.40	2900		
1.32	4.50	1.39	41.01	3000		
1.38	6.28	1.41	39.20	3100		
1.42	8.10	1.45	37.35	3200		
1.42	9.52	1.54	35.41	3300		
1.40	11.32	2.23	33.12	3400		
1.46	13.18	3.24	29.48	3500		
1.52	15.10	2.18	27.30	3600		
2.03	17.13	2.04	11.25.26	3700		
2.07	19.20	2.16	11.23.15	3800		
	19.35			(3805)		
				3900		
				4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4820	203	3805
50		3805	6	197
100		1015	197	4002
200				
300				
400				
500				
600				
700				
800				
900				
1000				

102420
12.18.50
1.54.30
60
8004 | 600.500
60
360.30 | 4
320 | 6
4014

REMARKS:

10.24.30 11.23.15
11.19.35 12.18.50
down 55.05 up 55.35
60
3305

507. 50° 16' N. 174° 51' W.

No. 3266 Hyd. Date July 7th 1893.

Sigsbee Machine. #2 Reel. Navy -

Turns 3010 Cor. + 181 Depth 3191 fms.

Shot ~~or lead~~ 60 lbs.

Bottom —

Bottom temperature —

No. of thermometer 66663 Cor. —

Corrected temperature —

Air 58° Surface 48° Drift

Trawl or dredge —

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
2-44-00	55-00	0		
44-40	52-00	100		
45-20	51-15	200		
46-10	50-30	300		
47-00	49-45	400		
47-50	48-55	500		
48-45	48-00	600		
49-45	47-05	700		
50-45	46-10	800		
51-45	45-10	900		
52-45	44-15	1000		
53-50	43-20	1100		
54-55	42-25	1200		
56-05	41-30	1300		
57-15	40-30	1400		
58-25	39-45	1500		
59-40	38-55	1600		
3-00-50	38-00	1700		
02-05	37-10	1800		
03-20	36-15	1900		
04-35	35-15	2000		
05-50	34-15	2100		
07-15	33-15	2200		
08-30	32-15	2300		
3-10-00	3-31-00	2400		

✓ log over

Pat. log read — 21.9

Made 18/10 knots on course while reeling

2—571

A.M.

3-11-15	28-30	2500		
12-45	27-15	2600		
14-15	26-00	2700		
15-40	24-45	2800		
17-10	23-30	2900		
18-50	3-22-00	3000		
		3010		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4820	203	3010
50		3010	22	181
100		1810	181	3191
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Cut off 22 fms + lost 3 — = 28 fms.

REMARKS:

Wire kinked and parted at 20 fms.; Clamped end, + reeled in; found wire parted at stray line — Lost thermometer + sigsbee. Sounding Cylinder!

507 H. 50°03' N. 174°30' W.

No. 3267 Hyd Date July 7, 1893

Ligsbee Machine. 2 Reel. Navy

Turns 2636 Cor. + 166 Depth 2802 fms

Shot ~~or lead~~ 60 lbs.

Bottom gy. Oz

Bottom temperature 35

No. of thermometer 61587 Cor. —

Corrected temperature 35.10

Air 50 Surface 49 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
a m DOWN.	a m UP.		DOWN.	UP.
6-22-35	37-20	0		
23-50	36-10	100		
24-55	35-10	200		
25-45	34-05	300		
26-40	33	400		
27-45	32	500		
28-50	30-50	600		
29-55	29-40	700		
30-55	28-35	800		
32	27-30	900		
33-10	26-20	1000		
34-20	25-05	1100		
35-30	23-50	1200		
36-55	22-30	1300		
38-20	21-10	1400		
39-45	19-45	1500		
41-05	18-20	1600		
42-25	16-45	1700		
43-50	15-15	1800		
45-20	13-45	1900		
47	12-20	2000		
48-50	10-40	2100		
50-35	08-35	2200		
52-20	06-35	2300		
54-10	7-04-50	2400		

P. Log 44-6 42-6. Made 4/10' SE 1/4 E and 1 6/10' NE 3/4 N while reeling in.

2—571

6-55-55	03-15	2500		
57-45	7-01-30	2600		
58-40	7-01	2636 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		47.95	200	2636
50		2636	34	168
100		~~2779~~	168	2802
200		2159		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost a specimen cup and 60 th shot just before starting. Went on new ones.

507. JRG Cont'd - Next page -

No. 3268 Hyd. Date July 7/93

Sigsbee Machine. Reel. Navy #2

Turns Cor. + Depth

Shot ~~or lead~~ 60 lbs

Bottom —

Bottom temperature —

No. of thermometer 61752 Cor. —

Corrected temperature —

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
12.23.10		0		
24.9		100		
24.52		200		
25.41		300		
26.41		400		
27.34		500		
28.32		600		
29.29		700		
30.32		800		
31.34		900		
32.39		1000		
33.48		1100		
34.55		1200		
36.08		1300		
37.18		1400		
38.34		1500		
39.52		1600		
41.08		1700		
42.26		1800		
43.43		1900		
45.02		2000		
46.22		2100		
47.43		2200		
49.08		2300		
50.31		2400		

P' Log 84.6

3477 fathoms wire carried away

12.51.58		2500		
53.26		2600		
54.57		2700		
56.28		2800		
58.01		2900		
59.32		3000		
1.01.13		3100		
02.37		3200		
04.06.		3293		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4795	200	3293
50		3293	.16	184
100		1502	184	3477
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Wire parted, and lost 3477 fms. wire, N.P.Z. Thermometer #61752, and Siphon Sounding Cylinder.

Filled up rel again from spare wire on Siphon Reel in tank

S.R.S. 607. N.C.O. Cont'd. { 50° 31' N. 173° 54' W.

No. 3268 Hyd. Date July 7th 1893

Sigsbee Machine. #2 Reel. Navy.

Turns 3480 Cor. + 187 Depth 3667 fms

Shot ~~or lead~~ 60 lbs.

Bottom hard bottom.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 53° Surface 49° Drift

Trawl or dredge —

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
3.21.50	4-52-00	0		
22.35	50-40	100		
23.27	50-00	200		
24.21	49-20	300		
25.14	48-40	400		
26.06	47-50	500		
27.08	47-05	600		
28.09	46-20	700		
29.12	45-30	800		
30.22	44-35	900		
31.33	43-40	1000		
32.43	42-45	1100		
34.03	41-45	1200		
35.24	40-45	1300		
36.47	39-40	1400		
38.08	38-35	1500		
39.28	37-30	1600		
40.53	36-20	1700		
42.18	35-10	1800		
43.40	34-00	1900		
45.10	32-45	2000		
46.43	31-45	2100		
48.17	30-30	2200		
49.48	29-15	2300		
51.26	4-28-00	2400	✓ log over.	

Pat. log 84.4 — Made 8/10 knots reeling in — on course

2—571

P.M.

3-53-03	4-26-30	2500
54.44	25-00	2600
56.23	23-30	2700
57.59	22-00	2800
59.44	20-30	2900
4-01-30	19-15	3000
03-15	17-30	3100
05-00	16-00	3200
06-45	14-30	3300
08-30	13-00	3400
10-00	4-11-45	3480 ~~3500~~
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4790	199	3480
50		3480	1,2	187
100		1310	187	3667
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Bad bottom; nothing but clear water in specimin cup - Lower end of it dented.

F.K.H. 50°57' N. 173°06' W.

507.

No. 3269 Hyd Date July 7, 1893.

Sigsbee Machine. 2 Reel. Navy

Turns 3605 Cor. + 189 Depth 3794 fms.

Shot ~~or lead~~ 60 lbs

Bottom bn Oz. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 49 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.				
10-05-10	43-20	0		
06	42-25	100		
06-50	41-50	200		
07-40	41-10	300		
08-30	40-30	400		
09-20	39-40	500		
10-15	38-50	600		
11-10	37-50	700		
12-10	36-50	800		
13-10	35-50	900		
14-10	34-50	1000		
15-15	33-45	1100		
16-25	32-35	1200		
17-35	31-25	1300		
18-45	30-05	1400		
20	28-45	1500		
21-15	27-25	1600		
22-35	26-05	1700		
23-55	24-45	1800		
25-15	23-30	1900		
26-35	22-15	2000		
28-5	21	2100		
29-30	19-45	2200		
30-55	18-25	2300		
32-25	11-16-50	2400		

27.7

P. Log 26.1 Made 1.6 N E x N (Mag)

While mining in.

N E x N mag

2—571

10-33-55	14-55	2500		
35-35	12-50	2600		
37-15	10-50	2700		
38-55	09-05	2800		
40-35	07-25	2900		
42-15	05-45	3000		
44	04-10	3100		
45-45	02-30	3200		
47-40	11-00-55	3300		
49-30	59-20	3400		
51-20	57-40	3500		
53-20	10-55-45	3600		
		3605		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4790	199	3605
50		3605	10	189
100		1185	189	3794
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

51° 23' N. 172° 18' W.

No. 3270 Hyd. Date July 8/93

Sigsbee Machine. Reel. Navy #2

Turns 2173 Cor. + 147 Depth 2320

Shot or lead 60 lbs

Bottom ~~[illegible]~~ ~~[illegible]~~ br Oz. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 50 Surface 49 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 47.20	46.51	0		
49.58	45.23	100		
50.58	44.31	200		
51.58	43.33	300		
53.01	42.40	400		
54.08	41.52	500		
55.17	40.57	600		
56.24	39.56	700		
57.44	38.51	800		
58.56	37.41	900		
4. 0.16	36.28	1000		
1.37	35.13	1100		
2.58	33.57	1200		
4.22	32.36	1300		
5.51	31.12	1400		
7.23	29.50	1500		
8.51	28.30	1600		
10.23	27.08	1700		
11.53	25.48	1800		
13.29	24.30	1900		
15.09	23.12	2000		
16.57	21.56	2100		
18.44	4.20.51	2173 2200		
		2300		
		2400		

Made 1.2 while reeling in on N E × N (may)

P Log 67.7 68.9

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		4790.	199	2173
50		2173	52	147
100		2617	147	2320
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 51° 50' N. 171° 38' W.

No. 3271 Hyd Date July 8, 1893.

Sigsbee Machine. 2 Reel. Navy.

Turns 1239 Cor. + 91 Depth 1330 fms—

Shot ~~or lead~~ 60 lbs.

Bottom fne. bk. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 49 Surface 48 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-02-30	28-00	0		
03-20	26-50	100	full speed	9.9
04-15	26-20	200		
05-15	25-45	300		
06-10	25-10	400		
07-10	24-20	500		
08-10	23-30	600		
09-15	22-40	700		
10-15	21-45	800		
11-20	20-50	900		
12-30	19-55	1000		
13-45	19-00	1100		
15-00	17-50	1200		
9-15-30	9-17-15	1239 ~~1300~~		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 9.3

Made 6/10 knot on course while ruling in

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		4790	199	1239
50		1239	108	91
100		3551	91	1330
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607. H.C.J. 52°06'N. 171°45'W.

No. 3480 Dr. Date July 8th 1893.

Sigsbee Machine. #2 Reel. Navy.

Turns 262 Cor. + 21 Depth 283 fms.

~~Shot or~~ lead 35 lbs.

Bottom Bk. S. Co. Tky.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 47°. Drift —

Trawl ~~or dredge~~ Large Beam

SOUNDING WIRE. A.M. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. A.M. DOWN.	DREDGE ROPE. P.M. UP.
11-02-30	17-30	0	11-14-00	17-40
03-45	14-45	100	17-30	14-45
04-40	12-00	200	21-00	11-55
05-15	11-10-30	300	24-15	12-01-45
		400	40-00	A.M. 58-00
		500	44-00	11-54-00
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Set clock ahead 13 minutes.

Pat. Log - 24.9

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
— Stopped 6 minutes		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4790	199	262
50		262	178	21
100		4528	21	283
200				
300				
400				
500				
600				
700	Cut off 264 turns wire = 285 fms.			
800				
900				
1000				

REMARKS:

At 262 turns wire jumped reel - getting bottom same time.

Large branching coral. - 3 sp. Sponges, hydroids, 2 qts red peacons - 3 sp, few ophiurans 1 alcyonarian Fishes, 2 sculpins, 3 Cardinoctus, few small stars, worms, 2 Astrophyton 1/2 bushel in all.

507. 52° 15' N. 171° 40' W.

No. 3481 Dr. Date July 8, 1893

Sigsbee Machine. 2 Reel. Navy.

Turns 230 Cor. + 18 Depth 248 fms

~~Shot or~~ lead 35 lbs.

Bottom bk S. G.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 57 Surface 48 Drift —

Trawl ~~or dredge~~ 8 ft Beam, 2 Swabs.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	P.M. UP.		P.M. DOWN.	UP.
1-29-30	36-30	0	1-42-30	28-45
30-30	35-15	100	46-35	25-25
31-30	34-15	200	49-35	22-10
31-50	1-32-55	230		
		300	53-10	18
		400	56-45	13-1[illegible]
		500	2-00-20	08-5[illegible]
		530	02-20	2-06-4[illegible]
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 35.3.

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		4526	178	230
50		230	160	18
100		4296	18	248
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Trawl loaded with volcanic sand and gravel.
9 small shells – 2 sp.
2 worms.

007. 52° 24' N. 171° 40' W.

No. 3272 Hyd Date July 8, 1893

Tanner Machine. Reel.

Turns 242 Cor. + 8 Depth 250

Shot or lead 26 lbs.

Bottom sky

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 48 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
38-55	45-45	0		
40-45	44-30	100		
41-30	42-55	200		
41-55	42-10	242 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		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.
25		585	10	247
50		242	5	8
100		343	8	250
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

N 52° 31'
W 171° 42'

No. 3273 Hyd. Date July 8/93

Thurber Machine. Reel.

Turns 310 Cor. + 10 Depth 320

~~Shot~~ or lead 36 lbs

Bottom fine G.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 47 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Om				
4:55.58	7.10	0		
57.03	5.10	100		
58.13	3.13	200		
59.14	5.0.45	300		
59.22	4.59.45	(310) 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Made 2/10 while reeling in

Out 36.1 36.3

		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		585	13	310.
50		310	3	10
100		275	10	320
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607. DRB

52° 44' N
171° 35' W

No. 3274 Hyd Date July 8/93

Sigsbee Machine. Reel. Navy #2

Turns 89 Cor. + 8 Depth 97

~~Shot or~~ lead 35 lb

Bottom P & dk S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 46 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM 6·44·25	6·49·10	(89) 0		
6·47·18.	6·47·35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P Log 717

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		4526	178	89
50		89	170	8
100		4437	8	97.
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

SRS
507 FKH.

52° 54' N
171° 29 W

No. 3275 Hyd Date July 8/93
Sigsbee Machine. Reel. Navy #2
Turns 343 Cor. + 26 Depth 369 fms
~~Shot or~~ lead 35 lbs
Bottom fine bk S. & G.
Bottom temperature —
No. of thermometer — Cor.
Corrected temperature —
Air 45 Surface 48 Drift —
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
PM DOWN.	UP.		DOWN.	UP.
7. 53.12	08-20	0		
55.32	06-50	100		
58	05-45	200		
59 40	04-20	300		
8-00-10	8-04	343		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

82.1

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		4526	178	543
50		345	155	26
100		4183	26	369
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607. H.C.J. 55° 04' N. 170° 11' W.

No. 3276 Hyd. Date July 9th 1893.

Sigsbee Machine. #2 Reel. Navy.

Turns 1454 Cor. + 100 Depth 1554 fms.

Shot ~~or lead~~ 35 lbs.

Bottom gn. M. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 49 Surface 46 Drift —

Trawl or dredge —

SOUNDING WIRE. A.M. DOWN.	A.M. UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
11-06-00	11-53-00	0	Full speed 11:55	
06-50	51-30	100		
07-55	50-45	200		
09-00	49-55	300		
10-10	49-00	400		
11-20	48-00	500		
12-40	47-00	600		
14-00	45-45	700		
21-40	44-30	800	770 Wire jumped	
23-30	43-00	900	reel -	
25-00	41-30	1000		
26-45	40-00	1100		
28-45	38-30	1200	Log over	
30-45	37-15	1300		
32-30	36-00	1400		
33-30	11-35-20	1454 ~~1500~~		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read 30.8 -

Made 12/10 reeling in -

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		4526	178	1454
50		1454	78	100
100		3072	100	1554
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Brought shot back –

507. N.C.F. 55° 36' N. 170° 02' W.

No. 3277 Hy^b. - Date July 9th 1893.

Sigsbee Machine. #2 Reel. Navy -

Turns 1522 Cor. + 104 Depth 1626 fms.

Shot ~~or lead~~ 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 48 Surface 47 Drift 2/10 E.N.E.

Trawl or dredge —

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
2-57-00	3-52-30	0	Log over	
58-30	51-10	100		
3-01-15	50-20	200		
03-30	49-30	300		
05-15	48-35	400		
07-00	47-35	500		
09-15	46-45	600		
11-00	45-45	700		
12-40	44-45	800		
14-15	43-30	900		
16-15	42-15	1000		
18-10	41-00	1100		
20-00	39-45	1200		
22-00	38-15	1300		
24-00	36-45	1400		
25-45	35-20	1500		
26-15	3-35-00	1522 ~~1600~~		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2—571

Pat log 64.0' -

		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		4526	178	1522
50		+ 1522	- 74	+ 104
100		3004	104	1626
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Spent 9 minutes in vain attempt to detach shot-

Lat. 56° 06' N. 169° 58' W.

507.

No. 3278 Hyd *Date* July 9, 1893.

Sigsbee *Machine.* 2 *Reel.* Navy

Turns 63 *Cor.* + 5 *Depth* 68

~~*Shot or*~~ *lead* 36 lbs.

Bottom gy S x Sh

Bottom temperature —

No. of thermometer — *Cor.*

Corrected temperature —

Air 48 *Surface* 47 *Drift* —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	P.M.			
6-48-55	52-10	0		
6-50	6-51-40	63		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log 93.2

		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		4526	178	
50		63	173	
100		4463	5	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

56° 16' N. 169° 57' W.

No. 3279 Hyd. Date July 9, 1893

Tanner Machine. Reel.

Turns 69 Cor. +3 Depth 72

~~Shot or lead~~ 36 lbs

Bottom gy S & bk Specks

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	P.M.			
7.53.30	7.58.01	0		
54.30	7.56.18	69		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

5.2

		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		525	13	69
50		69	10	3
100		516	3	72
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607 56° 35' N. 169° 55' W.

No. 3280 Styd Date July 9/93

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52

~~Shot or~~ lead 36 lbs.

Bottom Rky & S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.46.30	9.48.38	0 (50)		
.47.02	9.47.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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		5885	13	50
50		50	11	2
100		5335	2	52
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 57° 18' N. 169° 38' W.

No. 3281 Hyd. — Date July 12th 1893.

Zammer — Machine. — Reel.

Turns 34 Cor. + 1 Depth 35 fms.

~~Shot or~~ lead 25 lbs.

Bottom gy. S. Sh.

Bottom temperature ——

No. of thermometer —— Cor. ——

Corrected temperature ——

Air 42° Surface 42° Drift ——

Trawl or dredge ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-30-00	4-32-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		