From 24th August 1895

To July 28 1896

3643

Nos

No. 3612 - 3637

Next Hyd. No. 3648
" Dr. " 3612
" Int. " 64

		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:

FKH: 41 54.50.5N 166.21.5W

507.

No. 3648 Hyd Date Aug 24/95

Tanner Machine. Reel.

Turns 91 Cor. + 4 Depth 95 fms

~~Shot or~~ lead 26 lbs.

Bottom gn M S.

Bottom temperature 38.0

No. of thermometer 78570 Cor. -0.2

Corrected temperature 37.8

Air 47 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	P.M. UP.		DOWN.	UP.
11.21.45	24.05	0		
22.30	11.22.35	~~100~~ 91		
		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. 2.3

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	543	12
		3100	91	
		3200	452	
		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:

SRS. 42 54.41 N 166.15.5 W

507.

No. 3649 Hyd Date Aug 25 1895

Tanner Machine. Reel.

Turns 164 Cor. + 7 Depth 171 fms.

~~Shot or~~ lead 26 lbs

Bottom Rky.

Bottom temperature 37.9

No. of thermometer 78510 Cor. -0.2

Corrected temperature 37.7

Air 47 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Am DOWN.	Am UP.		DOWN.	UP.
12.44.30	50.45	0		
45.15	46.48	100		
46.00	12.46.03	(164) 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P'Y 12.3

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	543	12
		3200	164	5
		3300	379	7
		3400		164
		3500		171
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

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

REMARKS:

507. SRS. 43 54°. 32' N 166°. 09' W.

No. 3650 Hyd Date Aug 25 '18

Tanner Machine. Reel.

Turns 255 Cor. + 9 Depth 264 fms

~~Shot or~~ lead 26 lbs

Bottom Rky

Bottom temperature 38.

No. of thermometer 78510 Cor. -0.2

Corrected temperature 37.8

Air 47 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Am DOWN.	Am UP.		DOWN.	UP.
2.01.30	10.55	0		
02.30	08.55	100		
04.40	06.35	200		
05.30	2.05.40	255 ~~300~~		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 22.3

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	543	12
		3300	255	3
		3400	288	9
		3500		255
		3600		264
		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	44	63902	—	44.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. SRS.

No. 3651 Hyd. Date Sept. 24, '95

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44 Fms

Shot or lead 26 lb

Bottom Rky.

Bottom temperature –

No. of thermometer – Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

Not for record

Void

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Bm. DOWN.	UP.		DOWN.	UP.
1.23.00		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	543	17
	3300	42	10
	3400	501	7
	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:

~~1507.~~ K. D. Bellingham Bay. Off Chuckamuts

No. 3612 Dr Date Sept. 30 95

——— Machine. — Reel.

Turns — Cor. + — Depth 11 fms

~~Shot or~~ lead Hand lead

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature — 3/10'

Air 56 Surface 52 Drift NW x N.

Trawl ~~or dredge~~ Drall beam

Alt SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		Alt DOWN.	UP.
8.30	—	0	8.34.00	9.01.00
		100	39.00	8.59.00
		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:

61 (6 ops) Flounder; 1 lge Starry do.
12 Red Perts. 6 (2 ops) Sculpin.
6 Pipe Fish; 1 sm. Red Rock Fish.
6 lge Stars (2 ops); many small shells (6 ops)
few worms; 1 qt. Shrimps; few Ophiuroids.
1 sea Urchin.

507.

No. ~~[illegible]~~ Date Sept. 30" '95.

Machine. Reel.

Turns Cor. + Depth

~~Shot or~~ lead Hand lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl ~~or dredge~~ Small beam.

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		

Void

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. ~~F.K.H.~~ Not for record

No. Date Oct. 18, 1895.

Tanner Machine. Reel.

Turns 178 Cor. + 7 Depth 185 fms

~~Shot or~~ lead 26 lbs

Bottom fne gy & bk S.

Bottom temperature ——

No. of thermometer —— Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM	PM			
1.04.20	09.15	0		
05.00	07.25	100		
06.00	1.06.05	178 ~~200~~		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

P.S. 641

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	543	12
		3400	178	5
		3500	365	7
		3600		178
		3700		185
		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. S.R.S. Not for record

No. Date Oct 18 1895

Tanner Machine. Reel.

Turns 511 Cor. + 12 Depth 523 fms.

~~Shot or~~ lead 26 lbs.

Bottom fine gy S

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 50 Surface 50 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Fm. DOWN.	Fm UP.		DOWN.	UP.
3.05.00	21.45.	0		
05.50	19.30.	100		
06.40	17.15.	200		
07.38	15.00	300		
08.35	12.00	400		
09.40	09.55	500		
09.50	3.09.51	(511) 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void R.C.S.

P. Log 80.3

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	543	13
		3200	511	511
		3300	32	523
		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:

S. 507. Not for record

No. Date Oct 19 95

Sigsbee Machine. Reel. Navy #2

Turns 340 Cor. + 27 Depth 367 fms

Shot ~~or lead~~ 35 lb

Bottom Gy. S. bk Sp. & pcb.

Bottom temperature 40°

No. of thermometer 62358 Cor.

Corrected temperature

Air 52, Surface 53, Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Actl. DOWN.	UP.		DOWN.	UP.
8.27.00	837.00	0		
28.30	35.50	100		
29.50	34.50	200		
31.05	8.33.50	300		
831.55	8.33.30	340 ~~400~~		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Vol 8

Acc

C. Log 29.2

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	108
		3100	340	13
		3200	3829	27
		3300		340
		3400		367
		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. Not for record

No. Date Oct 19 95

Sanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53 fms

~~Shot or~~ lead 26 lb.

Bottom Rkij.

Bottom temperature 49°

No. of thermometer 62358 Cor.

Corrected temperature

Air 52, Surface 53, Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Acth. DOWN.	UP.		DOWN.	UP.
9,34,00	9,35,10	0		
9,34,30	9,34,40	~~100~~ 51		
		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 36.8

2—571

		2500		
		2600		
		2700		
		2800		
		2900	543	17
		3000	51	10
		3100	492	2
		3200		57
		3300		33
		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. Not for record

No. Date Oct 19 '95

Tanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27 fms

~~Shot or~~ lead 26 lb.

Bottom Bk S.h + fine 94 S.

Bottom temperature 52

No. of thermometer 62358 Cor.

Corrected temperature

Air 52 Surface 53 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10,02,20	10,03.00	0		
10 02.35	10,02,45	27 ~~100~~		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

39.9

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	52½	12
		3100	26	11
		3200	51	1
		3300		26
		3400		27
		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. A.R.D. Not for record —

No. Date Oct 19" 95

Tanner Machine. Reel.

Turns 95 Cor. + 4 Depth 99 fm's

~~Shot or~~ lead 26 lb

Bottom gn S + pebb

Bottom temperature 48.5.

No. of thermometer 62358 Cor.

Corrected temperature

Air 52. Surface 53. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Aut. 10, 40, 50		0		
41, 35	10, 41, 50	95 ~~100~~		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

C. Log 44.8

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	542	12
		3100	95	8
		3200	448	4
		3300		95
		3400		99
		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. 3613 Date March 81

Machine. Reel.

Turns Cor. + Depth 5 fms

~~Shot or~~ lead

Bottom M. sh.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 65 Drift NW x W & W ½ mile

Trawl ~~or dredge~~ boat

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.35 am		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
Sp. gr. 1.0254 .65		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:

Few small shells, 1 small flounder.

507.

No. 3614 Date Mar 31

Machine. Reel.

Turns Cor. + Depth 4½ fms

~~Shot or~~ lead

Bottom M, sh

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 68 Drift NWXN ½ mile

Trawl ~~or dredge~~ boat

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.25		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:

1 small sculpin.

No. 36152 Date Mar 31

Machine. Reel.

Turns Cor. + Depth 5 fm

~~Shot or~~ lead

Bottom M. sh.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 63 Drift N W ½ W ½ mile

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM. 12,10		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Eastin haul dead & broken shells, all in one bottle.

No. 8616 *Date* Mar 31

Machine. *Reel.*

Turns *Cor.* + *Depth* 5

~~*Shot or*~~ *lead*

Bottom M & S

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 72 *Surface* 63 *Drift* N & W ½ mile

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.05		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

1 small flounder, few shrimps
2 sp. & small crabs.

No. 3617 Date Mar 31

Machine. Reel.

Turns Cor. + Depth 5 1/2

~~Shot or~~ lead

Bottom M. Sh.

Bottom temperature.

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 63 Drift NW

Trawl or dredge 1/2 mile

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1.50		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

2 small flounders, few shrimps
1 sp. Bottom composed of
mud & broken shells.

507.

No. 3618 *Date* Mar 31

Machine. *Reel.*

Turns *Cor.* + *Depth* 4 1/2 fms.

Shot or lead

Bottom M. Sh.

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 72 *Surface* 63 *Drift* NNW 1/2 mile

Trawl or dredge

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

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

SERIAL TEMPERATURES.

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

REMARKS:

One very large naked mollusk (new) which gave off a dark purple ink — few shrimp 3 sp. 1 fin rock hout few small crabs.

No. 3619 *Date* Mar 31

Machine. *Reel.*

Turns *Cor.* + *Depth* 4 fms

Shot or lead

Bottom M. Sh.

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 74 *Surface* 63 *Drift* WNW ½ mile

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.03		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:

1 small Octopus, few shrimp & sp.
Sponge, Social ascedian,
1 large Ascedians (White)

No. 3620 Date Mar 81

Machine. Reel.

Turns Cor. + Depth 6 fms

~~Shot or~~ lead

Bottom M. sh.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 74 Surface 63 Drift WXN

Trawl ~~or dredge~~ boat ½ mile

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.50		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

2 small flounders, few shrimp
2 sp. Sponge, few Ophiuroids,
1 qt small Crabs, social Ascidian
1 large white Ascidian

No. 3621 Date Apl 1"

Machine. Reel.

Turns Cor. + Depth 6½ fms

Shot or lead

Bottom M.S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 61 Drift NNXN

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
am 10.12		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:

Trawl filled with dead clam & mussel shells, several live shells, 1 flounder few shrimp hydroids, few sponge crabs & large naked mollusk.

No. 3622 *Date* Apl 1

Machine. *Reel.*

Turns *Cor.* + *Depth* 7 fms

Shot or lead

Bottom M. S.

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 74 *Surface* 67 *Drift* NW½N

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.45		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

Trawl contained nothing but broken dead shells specimens saved.

No. 3623 Date Apl 1

Machine. Reel.

Turns Cor. + Depth 6 1/4

Shot or lead

Bottom S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 73 Surface 63 Drift N x E

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1.05		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURES.

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

REMARKS:

1 qt sand dollars, and leave filled with kelp.

No. 3624 *Date*

Machine. *Reel.*

Turns *Cor.* + *Depth* 5 fm

Shot or lead

Bottom M. S.

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 70 *Surface* 68 *Drift* NE×N

Trawl or dredge

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

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

SERIAL TEMPERATURES.

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

REMARKS:

Trawl filled with nothing but grass

No. 3625 *Date* Apl 1

Machine. *Reel.*

Turns *Cor.* + *Depth* 6

Shot or lead

Bottom M. S.

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air 72 *Surface* 63 *Drift* 1 x 1

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 2.20		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		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:

1 qt sand dollars,
few shrimps for ascidians,

507.

No. 3626 Date Apl 1

Machine. Reel.

Turns Cor. + Depth 7

Shot or lead

Bottom M. S.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 43 Drift E×N½N

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 3,00		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:

1 Verilia, Sponge, small Crabs, Sea urchins, 1 pt of white walrus ascidians.

507. 33° 06' N. = 119° 17' W.

No. 3652 Hyd Date Apr. 13, 96

Sigsbee Machine. Reel. Navy No. 2

Turns 835 Cor. + 57 Depth 892

Shot ~~or lead~~ 35 lbs.

Bottom fine S. M.

Bottom temperature 38.9

No. of thermometer 61596 Cor. +0.2

Corrected temperature 39.1

Air 58 Surface 56 Drift

~~Trawl or dredge~~ Intermediate net No. 64

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m. 10.42.45	a.m. 04.10	0	11.13.55	39.15
43.50	03.15	20 ~~100~~	15.25	11.38.20
44.55	02.25	200		
46.20	01.30	300		
47.40	11.00.45	400	Int. net towed at 25 fms	
49.10	59.55	500	Messenger struck in 15 sec.	
50.35	58.55	600		
52.10	57.55	700		
53.50	56.50	800		
54.30	10.56.20	835 ~~900~~		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 28.2

Surface net over 11.04
" in 11.35
nothing caught

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600	4169	158
		3700	835	101
		3800	3334	57
		3900		835
		4000		892

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface 25	56			56.0
5 50	56	68902	–	56.0
10 100	55	78510	-0.4	54.6
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Caught in Silk net.
Small crustacea, sagitta, Salpa,
half dozen small fish.

507. 5' F.K.H. 32° 44 N. = 119° 32' W.

No. 3627 Dr. Date Apr 13 96

Sigsbee Machine. Reel. Navy #2

Turns 725 Cor. + 57 Depth 776 fms

Shot ~~or lead~~ 35

Bottom Gn M + S.

Bottom temperature 39.0

No. of thermometer 61596. Cor. +0.2

Corrected temperature 39.2

Air 55 Surface 55 Drift

Trawl ~~or dredge~~ Small Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P. 2-26.20	2.49.50	0	2.46.00	04.25
27.35	48.50	100	52.40	5-01.20
28.40	47.50	200	58.30	58.30
29.45	45.50	300	3.03.00	55.25
31.10	44.40	400	06.40	52.25
33.50	43.30	500	10.10	49.15
34.30	42.00	600	13.40	46.10
36.35	2.40.30	700	17.10	42.50
2 36.50	2.39.30	725 ~~800~~	21.50	39.45
		900	27.10	36.30
		1000	32.30	33.00
		1100	36.30	29.30
		1200	40.50	25.30
		1300	44.20	21.30
		1400	48.10	17.30
		1500	3-52.00	4-13.00
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Lg. 48.2

Sur. net ave at 2.55

" " in " 4.06

Caught surface net of very abundance small crustacea

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	4169	158
		3100	725	107
		3200	3444	51
		3300		725
		3400		776
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface ~~25~~	55			55.0
5 ~~50~~	55	78510	-0.4	54.6
10 ~~100~~	55	63902	—	55.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

20 small red rockfish, ½ doz small Macrurus, 1 Antimora, 2 Synaphobranchus 1 small fish (new), 1 pest small white Holothurians (Decima), few Ophiurians, 85 small Cushion Stars, 1 large Starfish, few Shrimp 1 doz Penatulas, 3 small Anemones, few Worms, 2 Pycnogonids, ½ doz soft Mussel shells.

507. 32° 38' N. = 119° 36' W.

No. 3653 Hyd Date Apr 13/96.

Sigsbee Machine. Reel. Navy No. 2.

Turns 167 Cor. + 13 Depth 180

Shot ~~or lead~~ 35 lbs

Bottom fine gy S.

Bottom temperature 45.2

No. of thermometer 61596 Cor. +0.2

Corrected temperature 45.4

Air 55 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM. 6.21.30	PM. 27.55	0		
27.40	26.35	100		
23.55	6.25.35	167 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

R.S. 56.2

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
4169	158	3500		
167	145	3600		
4602	13	3700		
	167	3800		
	180	3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface ~~25~~	55			55.0
5 ~~50~~	53	78510	-0.4	54.6
10 ~~100~~	54	63902	—	54.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. FKH 32° 30' N. = 119° 43' W.

No. 3654 Hyd Date Apr 13 96

Sigsbee Machine. Reel. Navy No. 2

Turns 615 Cor. + 44 Depth 659

Shot ~~or lead~~ 35 lbs

Bottom crs gy. S.

Bottom temperature 38.4

No. of thermometer 61596 Cor. +0.2

Corrected temperature 38.6

Air 55 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.	P.M.			
7 51.45	09.10	0		
53.25	08.00	100		
54.50	07.00	200		
56.25	06.10	300		
57.55	05.15	400		
59.35	04.25	500		
8 01.20	03.05	600		
01 35	8.03.00	~~700~~ 615		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log. 66.2

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
4169	158	3500		
615	114	3600		
3554	44	3700		
	615	3800		
	659	3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface ~~25~~	55-			55.0
5 ~~50~~	55	78510	-0.4	54.6
10 ~~100~~	54	63902	–	54.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. M.H. 32°34' N. = 119°55' W.

No. 3655 Hyd Date Apr 3, 96.

Sigsbee Machine. Reel. Navy No 2

Turns 834 Cor. + 57 Depth 891

Shot ~~or lead~~ 35 lbs.

Bottom crs gy S.

Bottom temperature 38.0

No. of thermometer 61596 Cor. +0.2

Corrected temperature 38.2

Air 55 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
PM	PM			
11 03 15	37-20	0		
05 35	36.05	100		
07 55	35.10	200		
10 30	34.10	300		
12 10	33 10	400		
16.00	32.20	500		
18.00	31 10	600		
20.20	29.45	700		
22.50	28.20	800		
23.50	11-26 00	834		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log 79.2

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
4169	158	3600		
834	101	3700		
5335	57	3800		
	834	3900		
	891	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface ~~25~~	55			55.0
5 ~~50~~	55	78510	-0.4	54.6
10 ~~100~~	54	63902	—	54.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

S.R.S.

507.

No. Date May 11 96.

Tanner Machine. Reel.

Turns 140 Cor. + 6 Depth 146 fms.

~~Shot or~~ lead 26 lb.

Bottom gn M.

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.
3.53.30	56.25	0		
54.30	55.18	100		
54.50	3.55.00	140 ~~200~~		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Not for Record

H.C.S.

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	573	12
		3200	140	6
		3300	403	6
		3400		140
		3500		140
		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. SRS

No. Date May 11 '96

Tanner Machine. Reel.

Turns 143 Cor. + 6 Depth 149 fms

Shot or lead 26 lb

Bottom gr M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.17.45	22.00	0		
19.05	20.35	100		
19.40	4.20.00	143		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Not for Record

H. C. J.

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	543	7
		3100	143	6
		3200	400	6
		3300		143
		3400		149
		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. SRS

No. Date May 12 '96

Machine. Reel.

Turns 39 Cor. + 2 Depth 41 fms

Shot or lead 26 lbs

Bottom gn M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Am 6.34.00	6.36.30	0		
		39		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Not for Record

A.C.S.

2—571

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	545	12
		3100	39	10
		3200	584	3
		3300		39
		3400		41
		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 ARS. 37 41 15 N
122 17 7 W

No. 3628 Dr. Date June 1st 1896.

Hand Lead. ~~Machine.~~ Reel.

Turns Cor. + Depth 18. feet.

Shot or lead

Bottom Soft gn M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 53 Surface 57 Drift

~~Trawl or~~ dredge Oyster

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		Am DOWN.	UP.
		0	7.07.00	7.23.00
		(28.) ~~100~~	7.09.30.	7.21.00.
		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:

A few large worms
A few clams.
A few Squilla.

~~501.~~ SRS 37 41 40 N
122 17 50 W

No. 3629 Dr. Date June 1st 1896

Hand Lead ~~Machine.~~ Reel.

Turns Cor. + Depth 19½ feet.

Shot or lead

Bottom Soft gn M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 53 Surface 57 Drift

~~Trawl or~~ dredge Oyster.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		Ans DOWN.	UP.
		0	7.53.05	8.13.15.
		(25) ~~100~~	7.54.15.	8.11.30.
		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	Set deck clock ahead			
1000	5 minutes at 7.54.00.			

REMARKS:

A few large worms.
A few clams
A few squilla

307.

37 41 10 N
122 17 20 W

No. 3630 D. Date June 1st 96.

Hand lead ~~Machine~~. Reel.

Turns Cor. + Depth 15 feet.

Shot or lead

Bottom Soft gn 16.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 53 Surface 58 Drift

~~Trawl or~~ dredge Oyster.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9.13.30	18.45
		20 ~~100~~	15.10	9.17.10
		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:

A few squeeks
[illegible]

507.

37 41 55 N
122 19 50 W

No. 3631 D1 Date June 1st 96

Hand leo ~~Machine.~~ Reel.

Turns Cor. + Depth 25 ft.

Shot or lead

Bottom gr. M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

~~Trawl or~~ dredge Oyster,

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		~~DOWN.~~	UP.
		0	9.57-50	10-10.00
		~~100~~ 24	10.00.00	10-08.00
		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:

A few clams.
1 worm.

507. ~~WKH.~~ 37 38 20 N
122 20 10 W

No. 3632 Dr. Date June 1, 1896

Hand lead ~~Machine.~~ Reel.

Turns Cor. + Depth 18 ft

Shot or lead

Bottom gn M

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

~~Trawl or~~ dredge Oyster

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
			am	am
		0	11-02.35	11 05
		20 ~~100~~	04.50	11 09 30
		~~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:

Nothing caught

507. 37° 39' 0" N
122 20 15 W

No. 5633 Dr Date June 1, 1896

Hand lead ~~Machine.~~ Reel.

Turns Cor. + Depth 18 ft.

Shot or lead

Bottom gn M

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

~~Trawl or~~ dredge Oyster.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11 35 15	40.40
		15 ~~100~~	37.25	11-39.35
		~~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:

Nothing caught

507. SRS. 54° 51' N
167 27' W

No. 3634 Dr. Date July 7 96

Sigsbee Machine. Reel. Navy #2

Turns 620 Cor. + 44 Depth 664 fms.

Shot ~~or lead~~ 30 lb

Bottom bk S & volcanic S.

Bottom temperature 36.2

No. of thermometer 62364 Cor. +0.1

Corrected temperature 36°.3

Air 43 Surface 43 Drift E'ly

Trawl ~~or dredge~~ 11 ft beam & deep water tow. net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		P.M. DOWN.	UP.
4.05.30	22.20	0	4.38.00.	8.00.00
06.50.	21.19	100	42.40	56.12
08.07	20.22	200	47.02	53.00
09.28.	19.22	300	51.20	49.48
10.48.	18.25.	400	55.30	46.28
12.15.	17.33	500	5.00.45	42.30
13.42	16.28	600	08.15.	37.50
13.47	4.16.11	(.600) 700	13.20.	32.40
		800	16.11.	27.50
		900	18.48	20.20
		1000	22.10	14.00
		1100	26.25 32.10	06.20
		1155. 1200	34.48 46.37 49.45	7.01.30.
		1300	57.28.	6.56.45 6.54.45
		1400	59.00	6.31.45
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P'Lag 25.1

2—571

OK

		2500		
		2600		
		2700		
		2800		
		2900	4169	158
		3000	620	114
		3100	3549	44
		3200		620
		3300		664
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	Put surface net over 4.56.			
100	Took it in at 5.17.			
200	Few very small Crustacea			
300				
400				
500				
600				
700				
800				
900				
1000				

* See next page

REMARKS:

A.R.D.

607.

54° 51' N
167 46 W

No. 3655 - Hy Date July 7th 96

Sigsbee Machine. Reel. #2 Cooy

Turns 626 Cor. + 45 Depth 671 fms

Shot or lead 30 lb.

Bottom Gn M & bk S.

Bottom temperature 36.3

No. of thermometer 62 36.4 Cor. +01

Corrected temperature 36.4

Air 43 Surface 43 Drift E'ly

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.10.50	27.50	0		
11.10	26.50	100		
12.20	26.00	200		
13.40	25.10	300		
15.00	24.10	400		
16.35	23.15	500		
18.15	22.10	600		
8.18.30	8 21 30	626 ~~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	4169	158
		3000	626	113
		3100	3543	45
		3200		626
		3300		.671
		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				

* See next page

REMARKS: Worm tubes.
Holothurians.— 1 sp, numerous,
1 spec, Echinus, — worm, 1 doz, red fraves
5 quarts, red crabs, ½ doz shells, Buccin,
Fishes: 1 Antimora, 1 carefroatus.
Many Macrurus 5 species. 1 Zesticilus
1 Cyclothone, 3 maypea.

JKH.

507.

56° 19' 30" N
169 28 00 W

No. Hyd. 3656. Date July 8, 1896

Tanner Machine. Reel.

Turns 76 Cor. + 1 Depth 77 fms

~~Shot or~~ lead 26 lb

Bottom bl M

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.00		0		
		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		

2—571

		2500		
		2600		
OK		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
5265	//	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:

JKH

507.

56° 25′ 00″ N
169 36 00 W

No. 3657 Hyd. Date July 5, 1896

Tanner Machine. Reel.

Turns 53 Cor. + 1 Depth 54

~~Shot or~~ lead 26 lbs.

Bottom dk gy S.

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 56 25	58. 30	0		
57. 05	11. 57. 10	53 ~~100~~		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

		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 SRB

Position Not accurately known

No. Date July 8 96

Tanner Machine. Reel.

Turns 23 Cor. + 0 Depth 23 fms

Shot or lead 26 lb

Bottom G & brk Ch

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Bm. DOWN.	UP.		DOWN.	UP.
1.12.30	1.13.12	0		
.12.42	.12.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Void

P. Log 44.5

2—571

		2500		
		2600		
5W		2700		
		2800		
		2900		
		3000		
5205	11	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:

S.

No. 3635 D 2/11 Date July 10" 96

Tanner Machine. Reel.

Turns 24 Cor. + 0 Depth 24 fms.

~~Shot~~ or lead 26 lb.

Bottom bck S. & Rky.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 44 Surface 43 Drift S. W 0.5 M.

Trawl ~~or dredge~~ 11 ft. beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
1.15.20	15.55	0	1.27.30	2.07.10
15.30	1.15.40	23 100	56.00	2.01.30
		1.30 ~~200~~	57.20	1.59.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl came to surface upside down

2—571

Position Zapadnie Bay
St George Id. Pribilof

OK

		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		Hemilepidotis		jordani
800		Nautichthys		n. sp.
900		Triglops		beani
1000		Lepidopsetta		umbrosa.

(Nautichthys, Triglops)
Hemilepidotis

REMARKS:

2 Sculpin 1 sp, 1 small flounder
2 small sculpin, Abundance of
sponge & hydroids, small Crusta
several sp, Sea urchins 2 sp.
Shells, Triton Natica & Placamonia
Few worms, numerous very small
Crustacea

507.

No. 3636 Dr, Date July 18, 1896

Tanner Machine. Reel.

Turns 18 Cor. + 0 Depth 18 fms.

~~Shot or~~ lead 26 lbs

Bottom Rky

Bottom temperature 42.2

No. of thermometer 66665 Cor. —

Corrected temperature 42°.2

Air 41 Surface 38 Drift —

Trawl ~~or dredge~~ 8 ft trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.33.05	33.50	0	8.42.20	09.20
33 20	8.33.25	40 ~~100~~	49.55	9.06.15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Position by cross bearings

Pat. Log. 49.7

2—571

57° 5' 40" N
170 25 00 W

		2500	W Tang. other Id.	
		2600		South.
ok		2700	Telegraph Hill ~~oo~~ with	
		2800	Tolstoi Pt.	NE 3/4 N.
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
525	11	3500		
17		3600		
508		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:

2 bushels Sand Dollars, few shells, few small Flounders

507.

No. 3658 Hyd Date July 18, 1896.

Tanner Machine. Reel.

Turns 25 Cor. + 0 Depth 25 fms

~~Shot or~~ lead 26 lbs

Bottom gy S.

Bottom temperature 39.0

No. of thermometer 66665 Cor. —

Corrected temperature 39°0 –

Air 41 Surface 38 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
am DOWN.	a.m. UP.		DOWN.	UP.
9.16.00	17.20	0		
16.40	9.16.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Position by cross bearings

Pat. Log not over

2—571

57 6 45 N
170 25 00 W

OK

		2500	Otter Id.	S 1/4 E.
		2600	Ref Pt.	E 1/2 N.
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
525		3400		
24		3500		
501		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. FKH.

No. 3637 Dr Date July 18, 1896

Tanner Machine. Reel.

Turns 32 Cor. + 0 Depth 32 fm

~~Shot or~~ lead 26 lbs.

Bottom ors G

Bottom temperature 39.

No. of thermometer 66665 Cor. —

Corrected temperature 39°.

Air 41 Surface 38 Drift —

Trawl ~~or dredge~~ 8 ft trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
am 9.35.30	35.25	0	9.38.10	16.20
35.50	9.35.55	60 ~~100~~	44.10	10.02.50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Position by cross bearings

Pub. Log not over

2—571

57 6 30 N
170 28 00 W

		2500	Tolstoi Pt.	NE.
		2600	Sea Lion Rk	E x N
OK		2700	RT Otter Id	SSE.
		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:

Broken shells, few Starfish, few Sculpin, few Shrimp

Triglops beani, ~~Microgadus~~

Artediales pacificus

Aspidophoroides bartoni

Elejinus navaga

Fishes

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.	
Turns Fms.				
DOWN.	UP.		DOWN.	UP.
25	~~24½~~ 25	0 0		
50	50½	0 100		
75	75½	0 200		
100	100	0 300		
25	25	0 400		
50	51	1 500		
75	76	1 600	Splices	at
200	201	1 700	260	fms –
25	26	1 800		"
50	52	2 900		"
75	77	2 1000		
300	302	2 1100		
25	27	2 1200		
50	53	3 1300		
75	78	3 1400		
400	403	3 1500		
25	29+	4+ 1600		
50	54	4 1700		
75	80	4 1800		
500	505	5 1900		
25	30	5 2000		
30	35	5 2100		
		2200		
		2300		
		2400		