No. 13.

Sept.r 11th 1889.

Oct.r 13th 1889.

D.r 3094 to 3096.

Hy.d 2050 to 2146.

Cop

4650 Sigsbee - 4609

~~4780~~ Turns on reel - 235 ~~240~~

Correction Table. No 2. Reel - Correction ~~253~~

Cor.	Turns.	Cor.	Turns.	Cor.	Turns.
0	50	31	1650	120	3250
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
18	1250	92	2850	221	4450
19	1300	95	2900	225	4500
21	1350	99	2950	230	4550
22	1400	102	3000	235	4609
24	1450	106	3050	240	~~4650~~
25	1500	109	3100	245	~~4700~~
27	1550	113	3150	250	~~4750~~
29	1600	116	3200	253	~~4780~~

Tanner

377

~~384~~ Turns on Red.

Turns.	16 to 38	+ 1.
	39 to 70	+ 2.
	71 to 105	+ 3.
	106 to 142	+ 4.
	143 to 190	+ 5.
	191 to 260	+ 6.
	261 to 384	+ 7.

Abbreviations for Bottoms.

Abbrv.	Equivalent.	Abbrv.	Equivalent.
C.	Clay.	fne.	fine.
Co.	Coral.	hrd.	hard.
G.	Gravel.	lrge.	large.
Glob.	Globegrina.	rky.	rocky.
M.	Mud.	sft.	soft.
Oz.	Ooze.	sml.	small.
P.	Pebbles.	stk.	sticky.
R.	Rocks.	bk.	black.
S.	Sand.	br.	brown.
Sh.	Shells.	bu.	blue.
Sp.	Specks.	choc.	chocolate.
St.	Stones.	dk.	dark.
brk.	broken.	gn.	green.
gy.	gray.	rd.	red.
lt.	light.	slat.	slate.
Wh.	White.	yl.	yellow.
crs.	coarse.		

Last Numbers. { 2049 Hy.
2095 Dredge.

4780
140
4640

4780
278
4502

253
225
28

4780
212
4568

253
232
21

4780
130
4650

258
240
13

4780
170
4610

253
235
18

4780
358
4430

254
220
34

253
219
34

253
239
14
137
1

4780
300
4480

253
223
30
299
329

448

4780
460
4320

4780
450
4330

253
209
44
448
492

253
208
45
460
505

4780
448
4450
4650
244
4400

240
216
24

244
24
268

No. Hy. 2050 Date Sept. 11/89.

Vanner Machine. Reel.

Turns 115 Cor. + 4 Depth 119

~~Shot or lead~~ 50 lbs.

Bottom gn dk.

Bottom temperature 45.6

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.3°

Air 51 Surface 51 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-51-30	8-0-0	0		
52-30		100		
53	7-55-30	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2051 Hydro. Date Sept. 11th 1889.

Tanner Machine. — Reel.

Turns 319 Cor. + 7. Depth 326 fms.

~~Shot or~~ lead 20 lbs.

Bottom gr. M.

Bottom temperature 41.2°

No. of Thermometer 51451 Cor. −0.1°

Corrected temperature 41.1°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.41.20	50.30	0		
42.10	48.30	100		
43.05	46.45	200		
44.15	8,44.25	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1360		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C. 507

No. 2052 Hydro. Date Sept. 11th 1889.

Siphon Machine. #2 Reel.

Turns 278 Cor. + 28 Depth 306 fms.

~~Shot or~~ lead 35 lbs.

Bottom bk. S. & M.

Bottom temperature 42.0

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 41.7°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
9 .22.10	30.15	0		
23.30	29.15	100		
24.40	28.20	200		
25.30	9.27.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H07.

No. 2053 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. #2 Reel.

Turns 212 Cor. + 21 Depth 233 fms.

~~Shot or~~ lead 35 lbs.

Bottom gr. M.

Bottom temperature 43.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 42.7°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		DOWN.	UP.
10.03.00	09.25	0		
04.05	08.10	100		
05.00	07.15	200		
05.10	10.07.00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.J.

No. 2054 Hydro. Date Sept. 11th 1889.

Sigsbee. Machine. #2 Reel.

Turns 170 Cor. + 18. Depth 188 fms.

~~Shot or~~ lead 35 lbs.

Bottom gn. M.

Bottom temperature 44.5°

No. of Thermometer 51451 Cor. −0.3°

Corrected temperature 44.2°

Air 56° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m. 10.40.30	45.45	0		
41.30	44.30	100		
42.10	10.43.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.3.

No. 2055 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. #2 Reel.

Turns 128 Cor. + 13 Depth 141 fms.

~~Shot~~ or lead 35 lbs.

Bottom fne. blk. S.

Bottom temperature 45.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.2°

Air 56° Surface 54° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.17.25	21.10	0		
18.25	20.05	100		
18.40	11.19.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

A.A.P. 507

No. Hy 2056 Date Sept. 11/89

Tanner Machine. Reel.

Turns 88 Cor. + 3 Depth 91

~~Shot or~~ lead 20 lbs.

Bottom gr. ml.

Bottom temperature 46

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 56 Surface 53 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
12-05-0	07-30	0		
06-0	12-06-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

A.K.P. 507

No. Hy. 2057 Date Sept. 11/89.

Tanner Machine. Reel.

Turns 56 Cor. + 2 Depth 58

~~Shot or~~ lead 20 lbs.

Bottom gn m.

Bottom temperature 46°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.9°

Air 56 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.cw DOWN.	UP.		DOWN.	UP.
12-47-30	12-49-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy. 2058 Date Sept. 11/89.

Tanner Machine. Reel. ____

Turns 47 Cor. + 2 Depth 49

~~Shot~~ or lead 20 lbs.

Bottom fine gy. S.

Bottom temperature 46°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.9°

Air 56 Surface 53 Drift.

Trawl or dredge or tangles ____

P. W.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-45-0	1-46-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2059 Date Sept. 11/89.

Danner Machine. Reel. ——

Turns 73 Cor. + 3 Depth 76

~~Shot or~~ lead 20 lbs

Bottom gr. m.

Bottom temperature 46.2

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.9°

Air 55 Surface 49 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.W DOWN.	UP.		DOWN.	UP.
2-25-0	2-28-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2060 Date Sept. 11/89.

Sommer Machine. Reel.

Turns 116 Cor. + 4 Depth 120

~~Shot or~~ lead 20 lbs.

Bottom gn m

Bottom temperature 45.6

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.5°

Air 55 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-06-30	3-10-30	0		
7-30	8-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Ty. 2061 Date Sept. 11/89.

Sigsbee Machine. Reel. #2

Turns 362 Cor. + 45 Depth 409

~~Shot~~ or lead 35 lbs

Bottom gn cw.

Bottom temperature 41

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.9°

Air 53 Surface 51 Drift.

Trawl or dredge or tangles

Pell

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-59-0	09-0	0		
4-0-0	08-0	100		
1-0	07-0	200		
2-0		300		
2-30	4-06-0	362		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.J.

507

No. 2062 Hydro. Date Sept. 11th 1889.

Sigsbee Machine. #2 Reel.

Turns 348 Cor. + 34 Depth 382 fms.

~~Shot or~~ lead 35 lbs.

Bottom gn. M. & P.

Bottom temperature 40.0°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.9°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4:46.35	56.15	0		
48.00	55.05	100		
49.05	54.15	200		
50.15	53.10	300		
50.50	4.52.45	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Orford Light House bars E.N.E. (Mag.)

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 2.

507

No. 2063 Hydro. Date Sept. 11th 1889.

Tanner Machine. — Reel.

Turns 140 Cor. + 4 Depth 144 less

~~Shot or~~ lead 20 lbs. 140 fms.

Bottom Rky.

Bottom temperature 45.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 44.8°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.38.35	41.50	0		
39.25	40.30	100		
39.50	5.40.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Orford Lt. Ho. bears N.E. x E. ¾ E. (Mag.)

		2500		
		2600		
4 correction for		2700	angle of drift.	
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy. 2064 Date Sept. 11/89.

Tanner Machine. Reel.

Turns 110 Cor. + 4 Depth 114

~~Shot or~~ lead 20 lbs.

Bottom fne. gy. S.

Bottom temperature 46

No. of Thermometer 67451 Cor. -0.3°

Corrected temperature 45.7°

Air 54 Surface 50 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. ch. DOWN.	UP.		DOWN.	UP.
6-27-0	30-0	0		
28-0	6-28-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Arford Lt. Ho. N E x E 5/8 E mag 9.0

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

SERIAL TEMPERATURE.

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

REMARKS.

A.H.P.

No. Hy 2065 Date Sept. 11/89.

Tanner Machine. Reel. —

Turns 45 Cor. + 2 Depth 47

~~Shot or lead~~ 20 lbs

Bottom fine gy S. Gr. Sp.

Bottom temperature 47

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 53 Surface 49 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. cw DOWN.	UP.		DOWN.	UP.
7-15-0	7-16-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Orford Lt. Ho. NE x E 1/2 E (mag) 5.0'

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

SERIAL TEMPERATURE.

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

REMARKS.

H.O.F.

507

No. 2066 Hydro. Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 42 Cor. + 2 Depth 44 fms.

~~Shot or~~ lead 20 lbs

Bottom G.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.8°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		DOWN.	UP.
5.30.30	31.45	0		
30.50	5.31.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 6 hand lines over port side at 5.30 & hauled them in at 6.50.

Catch mix.

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2067 Hydro Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 20 Cor. + 1 Depth 21 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.2°

Air 50° Surface 47° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 20.50	21.30	0		
21.00	6.21.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 8 hand lines over port side at 6.21 & hauled them in at 6.36.

Catch. — nix.

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

SERIAL TEMPERATURE.

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

REMARKS.

507

H.C.J.

No. 2068 Hydro. Date Sept. 12th 1889.

Hand lead Machine. — Reel.

Turns — Cor. + — Depth 25 fms.

~~Shot or~~ lead 14 lbs.

Bottom Rky.

Bottom temperature none taken

No. of Thermometer 51451 Cor. —

Corrected temperature —

Air 50° Surface 46° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
7.57.00	7.59.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over 9 hand lines at 7.55 & hauled them in at 8.15

Catch - 1 Orange Rock Cod
1 Cucton "

Coquille River Buoy NE 1/4 N (mag) 0.5'

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

SERIAL TEMPERATURE.

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

REMARKS.

A.H.P. 507

Dredge

No. 3094 Date Sept. 12/89.

Tanner Machine. Reel.

Turns 34 Cor. + 1 Depth 35

~~Shot or~~ lead 25 lbs.

Bottom Crs. S & Sh.

Bottom temperature 47

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 50 Surface 48 Drift. E N E 1m-may

~~Trawl or dredge or tangles~~ Ships Dredge

H.W. SOUNDING WIRE.		TURNS.	H.W. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-15-0	9-16-0	0	9-36-0	55-30
		100 65	41-0	9-52-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dist 11 miles

Rope Ordered Lt H.S. 5 x 8 1/2 E (may)

Caught = Chrefing

At 9-16-30 put 8 Hand lines over Ships side, in at 5.37

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

SERIAL TEMPERATURE.

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

REMARKS.

6 Species Shells

2 Sand lance 1 Star fish

1 Small Crab

507

No. Hy 2069 Date Sept. 12/89.

Danner Machine. Reel.

Turns 16 Cor. + 1 Depth 17

~~Shot~~ or lead 25 lb

Bottom fine gy S.

Bottom temperature 47.5

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.2°

Air 50 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
10-12-0	10-12-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 10-13 feet 8 H and fines over Ship side in 10.30

Caught = Nothing

Cape Orford S¼W mag dist. 11 miles

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

SERIAL TEMPERATURE.

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

REMARKS.

A.P.P. 507

No. Hy. 2070 Date Sept. 12/89.

Tanner Machine. Reel.

Turns 27 Cor. + 1 Depth 28

~~Shot~~ or lead 25 lbs.

Bottom fne. gy S.

Bottom temperature 46.4

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.1°

Air 50 Surface 48 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-11-0	11-11-45	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		

At 11.12 feet Hand lines over Ships side in at 11.20 Caught = Porting

Cape Orford S x E 1/2 E mag. dist 5 miles

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

SERIAL TEMPERATURE.

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

REMARKS.

A.F.P. 507

No. Hy. 2071 Date Sept. 12/89.

Machine. Reel.

Turns — Cor. + — Depth 17

Shot or lead 14 lbs. Hand

Bottom fine gy S

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air 52 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A. M. DOWN.	UP.		DOWN.	UP.
11-45-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At 11-46 put 5 Hand lines over Ships side - in at 12.00 Caught - nothing

Cape Orford S.S.E. (mag) 27 miles

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2072 Hydrog. Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 33 Cor. + 1 Depth 34 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 48.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 52° Surface 47° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 23. 50	24. 50	0		
24. 10	12. 24. 20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 7 hand lines over starboard side at 12.25 & hauled them in at 12.38.

Catch - nix.

Cape Cufnd 22 lbs E 3/4 S (mag) dist 2'6

Drift while fishing 1 mile S.S.E 1/8 E (mag)

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.7.

507

No. 2073 Hydro- Date Sept. 12th 1889-

Hand lead Machine. — Reel.

Turns — Cor. + — Depth 29 fms-

~~Shot or~~ lead 14 lbs-

Bottom fne. gy. S.

Bottom temperature none taken-

No. of Thermometer — Cor. —

Corrected temperature —

Air 51° Surface 47° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
1.00.00	1.02.00	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		

7 hand lines put over port side at 1.03 - hauled in at 1.13 -

Catch - mix -

Fishing party left ships side in dory at 1.03 - returning at 3.25 -

Catch - 2 Vermillion Rock Cod - 7 Red Rock Cod -

1 Black Rock Cod - 5 Cultus Cod -

1 Orange Rock Cod - 1 Large Sculpin -

Cape Ahmed St Hoo N E 3/4 N (mag) dist 3'5 -

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

SERIAL TEMPERATURE.

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

REMARKS.

T.C.3.

No. 2074 Hydro. Date Sept. 12th 1889.

Sigsbee Machine. ~~No~~ 2 Reel.

Turns 44 Cor. + 0 Depth 44 fms.

~~Shot or~~ lead 35 lbs.

Bottom Rks. & Brk. Sh.

Bottom temperature none taken.

No. of Thermometer — Cor. —

Corrected temperature —

Air 53° Surface 48° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.27.00	1.29.00	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		

Fox Rock bears S. x E. 3/8 E. (Mag.) dist. 1 mile.

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2075 Hydro. Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 33 Cor. + 1 - Depth 34 fms.

~~Shot or~~ lead 25 lbs.

Bottom St. & brk. Sh

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.8°

Air 53° Surface 48° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
1. 43. 45	44.50	0		
44. 05	1.44.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10 hand lines put over port side at 1.45

& hauled in at 2.05

Catch - 14 Red Rock Cod.

1 Brown Rock Cod.

1 Cultus Cod.

1 Fish line carried away.

Fosc Rock N x W (mag) 0'6 dist

Drift while fishing 0'6 S. x E. 7/8 E.

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 3095 Dredge Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 40 Cor. + 2 Depth 42 fms.

~~Shot or~~ lead 25 lbs

Bottom Rky, St. brk Sh

Bottom temperature 47.3°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.0°

Air 53° Surface 48° Drift. E x S 0'.5

~~Trawl or dredge or~~ tangles

P.M. SOUNDING WIRE.		TURNS.	P.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.08.50	10.00	0	2.08.00	22.00
09.15	2.09.25	~~100~~ 60	13.10	2.19.40
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Fosc Rock N x W 5/8 W (mag)
dist 1'.2

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

SERIAL TEMPERATURE.

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

REMARKS.

5 species Star Fish. Bryozoans. Sea anemone-very small. Gorgonia Coral. Cup Coral. Sponge. Few small Shells. Worms. Large Barnacle. 1 sea urchin.

H.C.F. 607

No. 3096 Dredge Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 32 Cor. + 1 Depth 33 fms.

~~Shot or~~ lead 25 lbs.

Bottom St. & brk. Sh.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 53° Surface 48° Drift. 0'.3 East

~~Trawl or dredge or~~ tangles

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	P.M. DREDGE ROPE. DOWN.	UP.
2.40.00	41.00	0	2.55.10	12.30
40.17	2.40.30	~~100~~ 55	57.30	3.10.40
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

9 hand lines over port side at 2.40. & hauled in at 2.55.

Catch - 1 Orange Rock Cod.
1 Red " "

Cape Orford Dr 160 North (Tuag) dist 5.2

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

SERIAL TEMPERATURE.

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

REMARKS.

Basket Fish. 3 species Star Fish.
Bryozoans. Barnacles.

H.C.F.

507

No. 2076 Hydro Date Sept. 12th 1889.

Tanner Machine. — Reel.

Turns 22 Cor. + 1 Depth 23 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 47.8°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.5°

Air 54° Surface 48° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
3.40.30	41.25	0		
40.45	3.40.53	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 8 hand lines over port side at 3.40 & hauled them in at 3.50 - Catch - mx.

Tichenor's Rock East (mag) dist 1.9

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

SERIAL TEMPERATURE.

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

REMARKS.

A.F.P.

No. Hy 2077 Date Sept 13. 189.

Tanner Machine. Reel. ——

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom dk S.

Bottom temperature 48

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 56 Surface 48 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A. ew DOWN.	UP.		DOWN.	UP.
7-51-0	7-52-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Tichenor's Rock N 1/4 W (mag) 1.1'

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.2.

No. 2078 Hydro. Date Sept. 13th 1889

Tanner Machine. — Reel.

Turns 60 Cor. + 2 Depth 62 fms.

~~Shot or~~ lead ~~25~~ ~~46~~ 8.

Bottom fne. gy. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 56° Surface 48° Drift.

Trawl or dredge or tangles

am- SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 35. 15	36. 45	0		
35. 45	8. 35. 52	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.7.

507

No. 2079 Hydro. Date Sept. 13th 1889.

Tanner Machine. Reel.

Turns 156 Cor. + 5 Depth 161 fms.

~~Shot or~~ lead 25 lbs.

Bottom fine. gy. S.

Bottom temperature 45.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 44.7°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 18. 50	23. 30	0		
19. 50	21. 50	100		
20. 25	9. 20. 45	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2080 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 299 Cor. + 30 Depth 329 fms.

~~Shot or~~ lead 35 lbs.

Bottom gn. M.

Bottom temperature 40.9°

No. of Thermometer 51 451 Cor. -0.1°

Corrected temperature 40.8°

Air 50° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
a.m. DOWN.	UP.		DOWN.	UP.
10.02.00	09.00	0		
03.00	08.05	100		
03.50	07.15	200		
04.45	10.06.00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2081 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. # 2 Reel.

Turns 448 Cor. + 44 Depth 492 fms.

~~Shot or~~ lead 35 lbs.

Bottom gn. M.

Bottom temperature 39.4°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.3°

Air 53° Surface 49° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.57.00	06.35	0		
57.50	05.32	100		
58.50	04.45	200		
59.55	04.03	300		
11.00.53	03.12	400		
01.25	11.02.45	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.3

No. 2082 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 137 Cor. + 14 - Depth 151 fms -

~~Shot~~ or lead 35 lbs.

Bottom gn. M.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 53° Surface 49° Drift.

Trawl or dredge or tangles

a.m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.49.00	53.00	0		
50.03	51.55	100		
50.30	11.51.35	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.
607

No. 2083 Hydro. Date Sept. 13th 1889.
Tanner Machine. — Reel.
Turns 59 Cor. + 2. Depth 61 fms.
~~Shot or~~ lead 25 lbs.
Bottom br. M
Bottom temperature 47.0°
No. of Thermometer 51451 Cor. -0.3°
Corrected temperature 46.7°
Air 53° Surface 49° Drift.
Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.34.35	36.00	0		
35.05	12.35.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Orford bore N. x W. 1/4 W. (mag). dist. 15 1/2.

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.

507

No. 2084 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 33 Cor. + 1 Depth 34 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 46.8°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.5°

Air 52° Surface 49° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
1. 15. 50	17. 00	0		
16. 05	1. 16. 17	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Island Rock bore N. x N. (Mag.) -

distant 5.0 -

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2085 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 34 Cor. + 1 Depth 35 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.8°

Air 51° Surface 49° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
1.55.35	57.10	0		
55.50	1.56.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.

507

No. 2086 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 61 Cor. + 2 Depth 63 fms.

~~Shot~~ or lead 25 lbs.

Bottom gn. M.

Bottom temperature 47.2°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.9°

Air 51° Surface 49° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.52.10	54.20	0		
52.30	2.52.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Sebastian bore S.E. x E. 7/8 E. (Mag)

distant 14'.0

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

SERIAL TEMPERATURE.

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

REMARKS.

N.G.7.

507

No. 2087 Hydro. Date Sept. 13th 1889.

Siphon Machine. #2 Reel.

Turns 187 Cor. + 19 Depth 206 fms

~~Shot or~~ lead 35 lbs.

Bottom C.

Bottom temperature 44.1°

No. of Thermometer 51.451 Cor. -0.3°

Corrected temperature 43.8°

Air 51° Surface 48° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
3.55.05	4.00.15	0		
56.05	59.15	100		
56.55	3.58.20	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.O.7.

No. 2088 Hydro. Date Sept. 13th 1889.

Sigsbee Machine. — Reel.

Turns 460 Cor. + 45 Depth 505 fms.

~~Shot or~~ lead 35 lbs.

Bottom Gr. S. & G.

Bottom temperature 39.3°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.2°

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.57.25	08.20	0		
58.30	07.28	100		
59.32	06.42	200		
5.00.35	05.57	300		
01.38	05.00	400		
02.35	5.04.15	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.7.
507

No. 2089 Hydro. Date Sept. 13th 1889.
Tanner Machine. — Reel.
Turns 230 Cor. + 6 - Depth 236 fms.
~~Shot or~~ lead 25 lbs.
Bottom Rk. S.
Bottom temperature 43.0°
No. of Thermometer 51451 Cor. - 0.3°
Corrected temperature 42.7°
Air 52° Surface 48° Drift.
Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
5.52.53	58.50	0		
53.45	57.15	100		
54.35	55.25	200		
55.15	5.54.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.J.

No. 2090 Hydro. Date Sept. 13th 1889.

Tanner Machine. — Reel.

Turns 77 Cor. + 2 Depth 79 fms.

~~Shot or~~ lead 25 lbs.

Bottom gn. M.

Bottom temperature 45.7°

No. of Thermometer 51 4.51 Cor. -0.3°

Corrected temperature 45.4°

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

P. M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.42.30	44.35	0		
43.08	6.43.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.J.
507

No. 2091 Hydro. Date Sept. 13th 1889.
Tanner Machine. — Reel.
Turns 60 Cor. + 2 Depth 62 fms.
~~Shot or~~ lead 25 lbs.
Bottom gn. Mr.
Bottom temperature 45.8°
No. of Thermometer 51451 Cor. -0.3°
Corrected temperature 45.5°
Air 52° Surface 48° Drift.
Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.09.28	10.53	0		
10.00	7.10.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H. 607.

No. 2092 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 38 Cor. + 2 Depth 40 fms.

~~Shot or~~ lead 25 lbs.

Bottom fne. gy. S.

Bottom temperature 47.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.8°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.56.15	57.27	0		
56.32	8.56.43	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.
507

No. 2093 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 57 Cor. + 2. Depth 59 fms.

~~Shot or~~ lead 25 lbs

Bottom fne. gy. S.

Bottom temperature 46.5°

No. of Thermometer 51°451 Cor. -0.3°

Corrected temperature 46.2°

Air 53° Surface 51° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.25.32	27.15	0		
25.55	9.26.03	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.J.

No. 2094 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 76 Cor. + 3. Depth 79 fms.

~~Shot or~~ lead 25 lbs.

Bottom fine gy. S.

Bottom temperature 46.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.7°

Air 54° Surface 52° Drift.

Trawl or dredge or tangles

A.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.07.15	09.00	0		
07.45	10.07.57	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2095 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 152 Cor. + 5 Depth 157 fms.

~~Shot or lead~~ 25 lbs.

Bottom gn. M.

Bottom temperature 44.5°

No. of Thermometer 51.451 Cor. -0.3°

Corrected temperature 44.2°

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.50.32	55.50	0		
51.15	53.25	100		
51.38	10.52.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2096 Hydro. Date Sept. 14th 1889.

Tanner Machine. — Reel.

Turns 270 Cor. + 7. Depth 277 fms.

~~Shot or~~ lead 25 lbs.

Bottom gn. M.

Bottom temperature 41.3°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 41.2°

Air 56° Surface 56°. Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
11.33.32	43.10	0		
34.17	40.25	100		
35.07	37.50	200		
35.43	11.36.08	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W.H. 307

No. Hy 2097 Date Oct 12-" 1889

Tanner Machine. Reel. 2

Turns 38 Cor. + 1 Depth 39

~~Shot or~~ lead 25 lbs

Bottom fine gy S.

Bottom temperature 52°

No. of Thermometer 51451 Cor. +0.2°

Corrected temperature 51.8°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		DOWN.	UP.
11.25.00	11.26.30	0		
1125.50	11.26.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W.M.N.

507

No. Hy 2098 Date October 12th 1889

Tanner Machine. Reel. 2

Turns 43 Cor. + 1 Depth 44

~~Shot~~ or lead 25 lbs

Bottom fine gy s.

Bottom temperature 52

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 51.8°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
a.m. DOWN.	UP.		DOWN.	UP.
11:59.00	12.00	0		
11:59.30	11:59.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507 Verification of No. 2091

No. Hy ~~2094~~ Date Oct 12/89.

Connor Machine. Reel.

Turns 62 Cor. + 2 Depth 64

~~Shot~~ or lead 25 lbs.

Bottom fine gy S & W

Bottom temperature 50.9

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 50.6°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

O.W SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-11-0	12-12-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy. 2099 Date Oct. 12/89.

Tanner Machine. Reel.

Turns 49 Cor. + 2 Depth 51

Shot or lead 25 lbs

Bottom Yk S.

Bottom temperature 52.2

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 52.0°

Air 61 Surface 59 Drift.

Trawl or dredge or tangles ——

P.W SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-6-30	1-7-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hq 2100 Date Oct 12/89.

Sanner Machine. Reel.

Turns 9, Cor. + 3 Depth 94

~~Shot~~ or lead 25 lbs

Bottom fine gg S.

Bottom temperature 48

No. of Thermometer 5145, Cor. -0.3°

Corrected temperature 47.7°

Air 61 Surface 59 Drift.

Trawl or dredge or tangles

P.W

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-48-0	1-50-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2101 Date Oct 12/89.

Sanner Machine. Reel.

Turns 266 Cor. + 7 Depth 273

~~Shot or~~ lead 25 lbs

Bottom m.

Bottom temperature 42.5

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 42.0°

Air 58 Surface 59 Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-28-0	30-0	0		
29-0	33-0	100		
30-0	31-15	200		
30-45	2-30-50	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2102 Date Oct. 13/89.

Tanner Machine. Reel.

Turns 238 Cor. + 6 Depth 244

~~Shot~~ or lead 25 lbs.

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-16-30	24-30	0		
17-30	22-30	100		
18-30	21-30	200		
19-0	2-19.30	236 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Stray line hooked back one 25 lb Lead.

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2103 Date Oct. 12th 89.

Sigsbee Machine. Reel.

Turns 60 Cor. + 5 Depth 65

~~Shot or~~ lead 35 lbs.

Bottom Lk S & M

Bottom temperature 49.8

No. of Thermometer 5451 Cor. -0.3°

Corrected temperature 49.5°

Air 60 Surface 59 Drift.

Trawl or dredge or tangles ——

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-56-30	3-58-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F. 507

No. 2104 Hydro Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 44 Cor. + 2 Depth 46 fms.

~~Shot or~~ lead 26 lbs.

Bottom fne. gy. S. & M.

Bottom temperature 52°

No. of Thermometer 51 451 Cor. -0.2°

Corrected temperature 51.8°

Air 61° Surface 60° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 28. 50	30. 30	0		
29. 20	4. 29. 40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.F.
507

No. 2105 Hydro. Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 20 Cor. + 1 Depth 21 fms.

~~Shot or~~ lead 26 lbs.

Bottom fne. dk. gy. S.

Bottom temperature 54.4°

No. of Thermometer 51 451 Cor. -0.2°

Corrected temperature 54.2°

Air 66° Surface 62° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.12.55	13.35	0		
13.05	5.13.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N. C. 7.

507

No. 2106 Hydro Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 17 Cor. + 1 Depth 18 fms.

~~Shot~~ or lead 26 lbs.

Bottom fne. dk. gy. S.

Bottom temperature 54.0°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 53.8°

Air 67° Surface 61° Drift.

Trawl or dredge or tangles

~~P.M.~~ SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.28.20	29.15	0		
28.28	5.28.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C. 31.

507

No. 2107 Hyd. Date Oct. 12th 1889.

Tanner Machine. Reel.

Turns 41 Cor. + 2 Depth 43 fms

~~Shot or~~ lead 26 lb.

Bottom gr. M.

Bottom temperature 52.0°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 51.8°

Air 64° Surface 60° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE. DOWN.	SOUNDING WIRE. UP.	TURNS.	DREDGE ROPE. DOWN.	DREDGE ROPE. UP.
6. 10. 10	11.45	0		
10. 30	6. 11. 00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.C.F.

507

No. 2108 Hyd. Date Oct. 12th 1889.

Tanner Machine. — Reel.

Turns 66 Cor. + 2. Depth 68 fms.

~~Shot or~~ lead 26 lbs.

Bottom gr. M.

Bottom temperature 49.2°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.9°

Air 58° Surface 59° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 48. 15	50. 10	0		
48. 35	6. 48. 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		

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

SERIAL TEMPERATURE.

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

REMARKS.

N.S. 31.
307

No. 2109 Hyd. Date Oct. 12th 1889.

Tanner, Machine. — Reel.

Turns 255 Cor. + 6 Depth 261 fms.

~~Shot or~~ lead 26 lbs.

Bottom gr. M.

Bottom temperature 42.5°

No. of Thermometer 5 / 451 / Cor. -0.3°

Corrected temperature 42.2°

Air 58° Surface 59° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7. 27. 45	37. 35	0		
28. 35	35. 05	100		
29. 30	32. 00	200		
30. 10	7. 30. 20	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W. 507 M.H.

No. Hy 2110 Date October 12th 1889

Tanner Machine. Reel.

Turns 329 Cor. + 7 Depth 336

~~Shot or~~ lead 26 lbs

Bottom Gn M.

Bottom temperature 41°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.9°

Air 58 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
8.20.00	8.28.50	0		
8.21.00	8.28.00	100		
8.22.00	8.27.00	200		
8.23.00	8.25.00	300		
8.23.30	8.23.40	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy 2111 Date October 12-89

Tanner Machine. Reel.

Turns 116 Cor. + 4 Depth 120

~~Shot or~~ lead 26 lbs

Bottom blk S.

Bottom temperature 47.°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 46.7°

Air 59 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
9.06.10	9.09.00	0		
9.07.10	9.9.00	100		
9.07.30	9.07.40	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy 2112 Date October 12th-89

Tanner Machine. Reel.

Turns 57 Cor. + 2 Depth 59

~~Shot or~~ lead 26

Bottom 5th M. S.

Bottom temperature 51

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 50.7°

Air 59 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
9.34.00	9.35.30	0		
9.34.30	9.34.40	100		
9.		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Emm. N.

No. Hy 2113 Date October 12th-89

Tanner Machine. Reel.

Turns 77. Cor. + 3 Depth 80

~~Shot or~~ lead 26.

Bottom gn M.

Bottom temperature 48.

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.20.00	10.22.30	0		
10.20.45	10.21.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

W.M.N

No. Hy 2114 Date October 12th 1889

Tanner Machine. Reel.

Turns 250 Cor. + 6 Depth 256

~~Shot or~~ lead 26 lb

Bottom gn M.

Bottom temperature 42.5

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 42.2°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
10.47.00	10.59.00	0		
10.48.00	10.53.00	100		
10.49.00	10.53.30	200		
10.49.30	10.49.40	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

M 1807 N.

No. 2015 Hy Date October 12th 1889

Tanner Machine. Reel.

Turns 271 Cor. + .6 Depth 277

~~Shot or~~ lead 26.

Bottom gr. m.

Bottom temperature 48°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 47.7°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
11.40.00	11.48.00	0		
11.41.00	11.46.00	100		
11.42.00	11.44.30	200		
11.42.40	11.43.00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy 2116 Date Oct 13/89

Tanner Machine. Reel.

Turns 68 Cor. + 2 Depth 70

~~Shot or~~ lead 26 lbs.

Bottom m.

Bottom temperature 49.6

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.3°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Adv DOWN.	UP.		DOWN.	UP.
12-22-0	12-24-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy 2117 Date Oct 13/89

Tanner Machine. Reel.

Turns 37 Cor. + 1 Depth 38

~~Shot~~ or lead 26 lbs.

Bottom cw

Bottom temperature 52.5

No. of Thermometer 51451 Cor. - 0.2°

Corrected temperature 52.3°

Air 57 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-51-0	12-53-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy 2118 Date Oct-13/89

Sumner Machine. Reel.

Turns 24 Cor. + 1 Depth 35

~~Shot or~~ lead 26 lbs.

Bottom dk gy S.

Bottom temperature 54.3

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 54.0°

Air 57 Surface 56 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
New DOWN.	UP.		DOWN.	UP.
1-30-0	1-31-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy 2119 Date Oct-13/89

Sanner Machine. Reel.

Turns 26 Cor. + 1 Depth 27

~~Shot~~ or lead 26 lbs.

Bottom dk. gy S.

Bottom temperature 54

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 53.80

Air 57 Surface 55 Drift.

Trawl or dredge or tangles ——

New

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-10-0	2-11-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

A.F.P.

No. Hy. 2120 Date Oct. 13/89.

Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42

~~Shot~~ or lead 26 lbs.

Bottom M

Bottom temperature 52 1/2

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 51.9°

Air 57 Surface 55 Drift.

Trawl or dredge or tangles

New SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-40	2-41-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

No. Hy. 212 / Date Oct 18/89

Tanner Machine. Reel.

Turns 56 Cor. + 2 Depth 58

~~Shot or~~ lead 26 lbs.

Bottom m.

Bottom temperature 49.6

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.3°

Air 57 Surface 55 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
New DOWN.	UP.		DOWN.	UP.
3-11-6	3-13-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy 2122 Date Oct 13/89.

Tanner Machine. Reel.

Turns 9, Cor. + 3 Depth 94

~~Shot~~ or lead 26 lbs.

Bottom W

Bottom temperature 48.3

No. of Thermometer 51451, Cor. -0.3°

Corrected temperature 47.9°

Air 56 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-40-0	3-43-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 2

No. 2123 Hyd. Date Oct. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 376 Cor. + 36. Depth 412 fms.

~~Shot or~~ lead 25 lbs.

Bottom C.

Bottom temperature 39.7°

No. of Thermometer 57451 Cor. -0.1°

Corrected temperature 39.6°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
a.m. 4. 28.50	40.15	0		
30.00	39.05	100		
31.10	38.10	200		
32.25	37.05	300		
33.30	4.35.25	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

N 67.

507

No. 2124 Hyd. Date Oct. 13th 1889.

Sigsbee Machine. #2 Reel.

Turns 445 Cor. + 43. Depth 488 fms.

~~Shot or~~ lead 35 lbs.

Bottom gn. M.

Bottom temperature 39.2°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.1°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

g.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.26.50	38.00	0		
28.00	37.05	100		
29.05	36.15	200		
30.10	35.20	300		
31.15	34.15	400		
31.40	5.33.40	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.F.

507

No. 2125 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 77 Cor. + 3. Depth 80 fms.

~~Shot or~~ lead 26 lb.

Bottom gn. M.

Bottom temperature 49.0°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

a.m. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.16.15	18.30	0		
16.55	6.17.05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.J.

No. 2126 Hyd. Date Oct. 13th 1889.

Tanner Machine.— Reel.

Turns 47 Cor. + 2. Depth 49 fms.

~~Shot~~ or lead 26 lbs.

Bottom gn. M.

Bottom temperature 51.0°

No. of Thermometer 57451 Cor. -0.3°

Corrected temperature 50.7°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.52.10	53.40	0		
52.30	6.52.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

A.C. 31.

No. 2127 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 37 Cor. + 1 Depth 38 fms.

~~Shot or~~ lead 26 lbs.

Bottom gn. M.

Bottom temperature 52.0°

No. of Thermometer 57 451 Cor. -0.2°

Corrected temperature 51.8°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		DOWN.	UP.
7.28.15	29.30	0		
28.30	7.28.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Mr. H.
507

No. Hy 2128 Date October 13th

Tanner Machine. Reel.

Turns 17 Cor. + 1 Depth 18

~~Shot or~~ lead 26.

Bottom fuggy S.

Bottom temperature 54.5°

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 54.3°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M. DOWN.	UP.		DOWN.	UP.
8.05.00	8.6.40	0		
8.05.20	8.05.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W. 1907

No. Hy 2129 Date October 13th 89

Tanner Machine. Reel.

Turns 35 Cor. + 1 Depth 36

~~Shot or~~ lead 26.

Bottom brk Sh. P.

Bottom temperature 51.5

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 51.2°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.56.00	8.57.40	0		
8.56.30	8.56.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

[illegible]

No. Hy 2130 Date October 13th 1889

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52

~~Shot or~~ lead 26.

Bottom gn M.

Bottom temperature 50.2

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.9°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

A.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.34.00	9.35.30	0		
9.34.30	9.34.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507

M.N.

No. Hy 2131 Date October 13th 89

Tanner Machine. Reel.

Turns 83 Cor. + 3 Depth 86

~~Shot or~~ lead 26.

Bottom gr M.

Bottom temperature 49.

No. of Thermometer 57451 Cor. -0.3

Corrected temperature 48.7°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.12.00	10.14.20	0		
10.12.40	10.13.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy 2132 Date October 13 1889

Sigsbee Machine. Reel. #2

Turns 339 Cor. + 34 Depth 373

~~Shot~~ or lead 35,

Bottom gr. M.

Bottom temperature 39.9

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.8°

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

A. M., SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.55.00	11.06.30	0		
10.56.00	11.05.00	100		
10.57.00	11.04.00	200		
10.58.00	11.01.30	300		
10.58.30	11.01.00	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

W.M.H.

No. Hy 2133 Date October 13th 89

Sigsbee Machine. Reel. #2

Turns 425 Cor. + 40 Depth 465

~~Shot or~~ lead 35

Bottom gn M.

Bottom temperature 39.5

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 39.4°

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.50.00	11.59.00	0		
11.51.00	11.58 30	100		
11.52.00	11.58 00	200		
11.53.00	11.57.00	300		
11.54.00	11.6[illegible]30	400		
11.54.20	11.56.00	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2134 Date Oct. 13/89.

Vanner Machine. Reel.

Turns 162 Cor. + 5 Depth 167

~~Shot or~~ lead 26 lbs.

Bottom gr. sh

Bottom temperature 45.6

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.3°

Air 58 Surface 58 Drift.

Trawl or dredge or tangles ——

P.W

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-36-0	41-0	0		
57-0	39-50	100		
87-45	12-38-0	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2135 Date Oct. 13/89.

Sanner Machine. Reel.

Turns 56 Cor. + 2 Depth 58

Shot or lead 26 lbs.

Bottom gn. m.

Bottom temperature 50

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.7°

Air 58 Surface 58 Drift.

Trawl or dredge or tangles ——

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-13-45	1-15-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. Hy. 2136 Date Oct 13/89.

Tanner Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 26 lbs.

Bottom fine gg. S. & P.

Bottom temperature 54.8

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 54.6°

Air 57 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.W DOWN.	UP.		DOWN.	UP.
1-47-0	1-47-50	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 TEMPERATURE.

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

REMARKS.

507

No. Hy. 2137 Date Oct. 13/89.

Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

~~Shot or~~ lead 26 lbs.

Bottom fne. dk. gy. S.

Bottom temperature 52 6

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 52.4°

Air 57 Surface 56 Drift.

Trawl or dredge or tangles ——

Pull SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-42-40	2-43-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2560		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURE.

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

REMARKS.

No. Ty. 2138 Date Oct. 13/89.

Tanner Machine. Reel.

Turns 72 Cor. + 3 Depth 75

~~Shot~~ or lead 26 lbs.

Bottom gray,

Bottom temperature 54

No. of Thermometer 51451 Cor. -0.2°

Corrected temperature 53.8°

Air 54 Surface 56 Drift.

Trawl or dredge or tangles

P.W

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-21-30	3-24-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.O. 71.

No. Hy. 2139 Date Oct. 13/89.

Sigsbee Machine. ~~1~~ 2 Reel.

Turns 244 Cor. + 24 Depth 268 fms.

~~Shot~~ or lead 35 lbs.

Bottom gn. M.

Bottom temperature 43.0°

No. of Thermometer 51 451 Cor. -0.3°

Corrected temperature 42.7°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

P.W SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 03. 40	10. 00	0		
04. 30	09. 05	100		
05. 35	08. 10	200		
06. 10	4. 07. 30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

No. 507. F.

No. 2140 Hyd. Date Oct. 13th 1889.

Machine. #2 Reel.

Sigsbee

Turns 162 Cor. + 2 Depth 182 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 44.4°

No. of Thermometer 51 451 Cor. -0.3°

Corrected temperature 44.1°

Air 37° Surface 56° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.50.15	55.40	0		
51.20	54.30	100		
52.00	4.53.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

A.C.J.

No. 2141 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 63 Cor. + 2 Depth 65 fms.

~~Shot or~~ lead 26 lbs.

Bottom gn. M.

Bottom temperature 49.3°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 49.0°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 31. 50	38.35	0		
32. 20	5.37.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H. F. 507

No. 2142 Hyd. Date Oct. 13th 1889.
Tanner Machine. — Reel.

Turns 29 Cor. + 1. Depth 30 fms.

~~Shot or~~ lead 26 lbs.

Bottom fne. gy. S.

Bottom temperature 54.0°

No. of Thermometer 51 451 Cor. -0.2°

Corrected temperature 53.8°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 11. 30	12.30	0		
11. 45	6.11.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

H.C.2.

No. 2143 Hyd. Date Oct. 13th 1889.

Tanner Machine. — Reel.

Turns 34 Cor. + 2 Depth 36 fms.

~~Shot or~~ lead 26 lbs.

Bottom gn. M.

Bottom temperature 50.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 50.2°

Air 57 Surface 52 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 53. 50	54. 55	0		
54. 05	6. 54. 15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

A.G.F.

No. 2144 Hyd. Date Oct. 13th 1889.

Tanner Machine. Reel.

Turns 68 Cor. + 2. Depth 70 fms.

~~Shot or~~ lead 26 lbs.

Bottom gn. m.

Bottom temperature 48.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.2°

Air 56 Surface 52 Drift.

Trawl or dredge or tangles

P.M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.38.10	40.05	0		
38.40	7.38.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

Wm. H

No. Hy 2145 Date October 13th 89

Sigsbee Machine. Reel.

Turns 232 Cor. + 22 Depth 254

~~Shot or~~ lead 35

Bottom M.

Bottom temperature 42.4

No. of Thermometer 5145-1 Cor. -0.3°

Corrected temperature 42.1

Air 55 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
8.25.00	8.31.30	0		
8.26.00	8.31.00	100		
8.27.00	8.30.20	200		
8.27.30	8.30.00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.

507 M.H.

No. Hy 2146 Date October 13th 89

Tanner Machine. Reel.

Turns 287 Cor. + 7 Depth 294

~~Shot~~ or lead 26.

Bottom M.

Bottom temperature 42

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 41.7°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.17.00	9.24.30	0		
9.18.00	9.23.30	100		
9.19.00	9.22.00	200		
9.19.50	9.20.00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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

SERIAL TEMPERATURE.

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

REMARKS.