

#19.

Hawaiian Exploration...

D<sup>s</sup> 4110 - D<sup>s</sup> 4137

HY 4609 - HY 4630

July 24<sup>th</sup> - Aug. 1<sup>st</sup>, 1902

Next Hy. 4609.  
" Dr. 4110.

4110  
3790  

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3228

65  
06.80  
57.30  

---

6.50

9.20  
4.40

2000  
1500

$$\begin{array}{r} 18\frac{1}{2} \\ \hline 54 \\ \hline 6 \end{array}$$

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

SERIAL TEMPERATURES.

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

REMARKS:

*Autism*

No. *Sr* 4110 Date 24 July '02.

Sigsbee Machine. / Reel. Navy.

Turns 410 Cor. + 39 Depth 449 fms.

~~Shot~~ lead 36 Lbs.

Bottom *The specimens gy. S.*

Bottom temperature 40.3°

No. of thermometer 98236. Cor. -

Corrected temperature 40.3 (N 57° E)

Air 82 Surface 76 Drift 29/10'

Trawl or dredge 8' Tanner with apron.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-31.40	40.00	0	12-48.10	22.30
32.20	38.55	100	52.35	18.50
33.05	37.50	200	56.30	15.05
33.55	36.55	300	1-00.40	11.10
34.45	35.45	400	04.50	07.15
35 =	35.40	500	08.15	2-03.20
		600	11.30	59.20
		700	15 =	55.30
<i>also marks end</i>		800	19.05	50.40
<i>of</i>		900	27.30	1-46.30
<i>Dr. 4109.</i>		1000	20 min	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lae-o Ka Laau Light, Molokai Id.  
 S 24° E, 187/10

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

4310  
 410  
 3900

205  
 165  
 39  
 410  
 449

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Next	Hy. 4609.		
50	"	Dr. 4110.		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Course N. E. (true)

*Autograph*  
No. *4111*

No. *4111* Date *July 24*  
*Sigsbee* Machine. # *1* Reel. *Navy*  
 Turns *470* Cor. + *40* Depth *460 fms*  
 Shot or lead *36 lbs.*  
 Bottom *fm S. R*  
 Bottom temperature *40°*  
 No. of thermometer *98236* Cor. *0*  
 Corrected temperature *40.0* (N *38° E*)  
 Air *81* Surface *77* Drift *9'*  
 Trawl or dredge *8' Tanner with apron.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-24.15</i>	<i>32.25</i>	<i>0</i>	<i>2-37.00</i>	<i>4.52.00</i>
<i>24.55</i>	<i>31.20</i>	<i>100</i>	<i>42.05</i>	<i>48.00</i>
<i>25.35</i>	<i>30.20</i>	<i>200</i>	<i>46.00</i>	<i>44.30</i>
<i>26.20</i>	<i>29.20</i>	<i>300</i>	<i>49.50</i>	<i>40.40</i>
<i>27.10</i>	<i>28.10</i>	<i>400</i>	<i>53.50</i>	<i>36.50</i>
<i>27.30</i>	<i>28.00</i>	<i>420</i>	<i>57.10</i>	<i>27.30</i>
		<i>600</i>	<i>3.00.55</i>	<i>14.00</i>
<i>Marker end of</i>		<i>700</i>	<i>06.20</i>	<i>4.03.20</i>
<i>N 4101</i>		<i>800</i>	<i>11.20</i>	<i>58.00</i>
		<i>900</i>	<i>15.30</i>	<i>35.45</i>
		<i>1000</i>		
		<i>1100</i>	<i>20 min</i>	
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

Lae-o Ka Laan Light 8 15° 30' E, 19 4/10'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
420	165	3600	
<hr/> 3890	40	3700	
	420	3800	
	<hr/> 460	3900	
		4000	

SERIAL TEMPERATURES.

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

3:45 P.M.

REMARKS:

Held at 820 fms, heavy strain,  
 went to 870 fms.  
 strain reached 4000 lbs  
 weight carried away and  
 net came up cupped.  
 Nothing lost, net not lost.



*Stoney*

1007.

No. 4609 Hy Date 24 July 1902

Machine. 1 Reel. *Stoney*

Turns 429 Cor. + 41 Depth 470 fms.

~~Shot or lead~~

Bottom *fine s. sh 40 f*

Bottom temperature

No. of thermometer 98236 Cor. 0

Corrected temperature 46.0

Air 79 Surface 76 Drift

~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 55.00	04.30	0		
55.50	03. W	100		
56.50	02.30	200		
57.50	01.30	300		
58.50	00.30	400		
4. 59.20	5.00. N	429		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Boards sub*  
*41M*

Sta-0 Ka Laan Lt, S 13° E, 20.0'

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

OK  
HUB  
/

4310 295

429 164

3881 41

429

470

SERIAL TEMPERATURES.

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

REMARKS:

PL. = 74.7

No. 4112 Date 24 July 1902

Machine. 1 Reel. Navy  
Turns 408 Cor. + 39 Depth 447 fms.

Shot or lead 36 lbs.

Bottom fine S.

Bottom temperature 40.5

No. of thermometer 98236 Cor. -0

Corrected temperature 40.5 (834.2)

Air 79 Surface 76 Drift 2' 10"

Trawl or dredge 8' Tanner with apron

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 37.20	5. 47.20	0	5. 54.00	7. 25.00
38.40	46.15	100	57.40	21.20
39.50	45.15	200	6. 01.00	17.00
40.35	44.15	300	05.00	13.00
41.40	5. 43.10	400	09.00	08.20
41.40		408	13.00	7. 03.30
		500	16.00	54.00
		600	20.00	54.10
		700	23.20	50.30
		800	26.30	6. 47.00
		970		
		1000	20	m
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lae-o Ka Laaw Light, S 19° 30' E, 17.5'

OK  
J.P.B.  
/

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

4310 20.5  
408 16.6  

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3902 39  
408  

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447

SERIAL TEMPERATURES.

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

REMARKS:

No. *4113* Date *24 July 1907*

Machine. *1* Reel *1*  
 Turns *395* Cor. + *38* Depth *433 fms.*

Shot or lead *36*  
 Bottom *bp. fm. S. 6*  
 Bottom temperature *40.6*  
 No. of thermometer *98236* Cor. *0*  
 Corrected temperature *40.6* { *N 23° W*  
 Air *78* Surface *6* Drift { *2 9/10'*

Trawl or dredge *8' Tanner & apron*

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.27.40</i>	<i>9.36.55</i>	<i>0</i>	<i>7.43.00</i>	<i>9.02.30</i>
<i>28.20</i>	<i>35.50</i>	<i>100</i>	<i>48. -</i>	<i>58.45</i>
<i>29.10</i>	<i>34.40</i>	<i>200</i>	<i>52.30</i>	<i>55.15</i>
<i>30.00</i>	<i>33.30</i>	<i>300</i>	<i>56.40</i>	<i>51.30</i>
<i>7.31.00</i>	<i>7.32.30</i>	<i>395</i>	<i>8.01. -</i>	<i>47.50</i>
		<i>500</i>	<i>05. -</i>	<i>44.05</i>
		<i>600</i>	<i>09.50</i>	<i>40.10</i>
		<i>700</i>	<i>8 14.30</i>	<i>8.35.30</i>
		<i>800</i>		
		<i>900</i>	<i>21 min.</i>	
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*Also marks and of Dr. 4112.*

Lae-o Ka Laan Light, S 26° E., 16 4/10'

OK  
H.P.  
/m

4310	4015
398	167
3915	38
	395
	433

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400			4137 C113 24	
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4610.* Date *24 July 02.*

*Sigsbee* Machine. / Reel. *Novy.*

Turns *360* Cor. + *35* Depth *395 fms.*

Shot or lead *36 Lbs.*

Bottom *fine gy S.*

Bottom temperature *41.*

No. of thermometer *98236.* Cor. *-0*

Corrected temperature *41.0*

Air *79°* - Surface *76°* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.06.25</i>	<i>9.14.10</i>	0		
<i>07.20</i>	<i>13.05</i>	100		
<i>08.05</i>	<i>12.-</i>	200		
<i>09.-</i>	<i>10.55</i>	300		
<i>9.09.35</i>	<i>9.10.20</i>	360		
		400		
		500		
<i>Also marks end</i>		600		
<i>at</i>		700		
<i>Dr. 4113.</i>		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lae-o Ka Laan Light, S 25° 30' E, 19.2'

OK  
JCB  
/y

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
360	170	3600	
<u>3950</u>	<u>35</u>	3700	
	360	3800	
	<u>395</u>	3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

At this soundint the lead, the auxiliary lead, and <sup>the</sup> thermometer were attached in the order mentioned, as usually, and in the usual manner but on coming up, after the sound-  
ing, the thermometer was found between the two leads !?!



P.L. = 84.7

507

No. *Hy. 4611*. Date *24 July '02*.

*Sigsbee* Machine. 1 Reel. *Navy*.

Turns *144* Cor. + *14* Depth *158 fms.*

Shot or lead *36 Lbs.*

Bottom *fine gy S.*

Bottom temperature

No. of thermometer } *None* Cor.

Corrected temperature

Air *79°* - Surface *76°* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.41.36</i>	<i>10.46.25</i>	0		
<i>42.10</i>	<i>45.20</i>	100		
<i>10.43.40</i>	<i>10.44.55</i>	<i>144</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

NE Coast of Oahu I.<sup>d</sup>  
 Mokapu Point, N 80° W. 3.0'

OK  
 HCB  
 1/4

144  
 14  
 ---  
 158

4310

205

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

SERIAL TEMPERATURES.

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

REMARKS:

P. L. = 89.4

No. *Hy. 4612.* Date *24 July '02.*

*Sigsbee* Machine. 1 Reel. *Navy.*

Turns *261* Cor. + *26* Depth *287 fms.*

Shot or lead *36 Lbs.*

Bottom *fm gy S.*

Bottom temperature *44. -*

No. of thermometer *98236.* Cor. *-0.2*

Corrected temperature *43.8*

Air *79* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.36.50</i>	<i>11.42.20</i>	<i>0</i>		
<i>37.30</i>	<i>41.15</i>	<i>100</i>		
<i>38.20</i>	<i>40.15</i>	<i>200</i>		
<i>11.38.50</i>	<i>11.39.40</i>	<i>261</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

Mokapu Pt, 832°30' N, 5.2'

OK  
~~205~~  
~~287~~

261  
 26  
 ---  
 287  
 4310

205

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

SERIAL TEMPERATURES.

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

REMARKS:

507  
*Photoduplication*

P.L. 94.4

No. *4613* Date *July 25<sup>th</sup>*  
*Sigsbee* Machine #1 Reel. *Navy*  
 Turns *585* Cor. + *53* Depth *638 fms*  
 Shot or lead *36 lbs.*  
 Bottom *For.*  
 Bottom temperature *38.10*  
 No. of thermometer *98236* Cor. *0*  
 Corrected temperature *38.1*  
 Air *79* Surface *76* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12-34.40</i>	<i>47.25</i>	0		
<i>35.30</i>	<i>46.15</i>	100		
<i>36.15</i>	<i>45.10</i>	200		
<i>37.00</i>	<i>44.05</i>	300		
<i>37.50</i>	<i>42.55</i>	400		
<i>38.40</i>	<i>41.50</i>	500		
<i>39.40</i>	<i>40.40</i>	<i>585</i> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mokapu Point, S 17° W, 9.5'

OK  
3100  
2

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
585	152	3600	
<hr/>	<hr/>	3700	
3725	53	3800	
	585	3900	
	<hr/>	4000	
	638		

SERIAL TEMPERATURES.

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

REMARKS:

Course N x W. psc

*Sketchinson*

No. *Hy 4614* Date *July 25<sup>th</sup> / 1*

*Sigsbee* Machine. #1 Reel. *Vary.*

Turns *1140* Cor. + *97* Depth *1237 fms*

Shot or lead *35 lbs.*

Bottom *fine gy S. M. Ft.*

Bottom temperature *36.0*

No. of thermometer *98236* Cor. *0*

Corrected temperature *36.0*

Air *78* Surface *77* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.38.55</i>	<i>04.40</i>	0		
<i>39.45</i>	<i>03.30</i>	100		
<i>40.35</i>	<i>02.25</i>	200		
<i>41.30</i>	<i>01.25</i>	300		
<i>42.25</i>	<i>2:00.20</i>	400		
<i>43.20</i>	<i>59.15</i>	500		
<i>44.20</i>	<i>58.10</i>	600		
<i>45.25</i>	<i>57.05</i>	700		
<i>46.25</i>	<i>55.55</i>	800		
<i>47.30</i>	<i>54.45</i>	900		
<i>48.40</i>	<i>53.30</i>	1000		
<i>49.50</i>	<i>52.15</i>	1100		
<i>50.30</i>	<i>51.35</i>	<i>1140</i> 1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mokapu Pt, 811° N., 14.1'

OK  
JCS.  
3

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
1140	108	3600	
3170	97	3700	
	1140	3800	
	1237	3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

Course dr x W. pas



507.

Pat Log H.H

*Hutchinson*

No. *4615* Date *July 25<sup>th</sup>*

Sigsbee Machine. #1 Reel. *Travy*

Turns *525* Cor. + *48* Depth *573 fms*

Shot or lead *36 lbs.*

Bottom *fine gy s*  
Bottom temperature *39.3*

No. of thermometer *98236* Cor. *0*

Corrected temperature *39.3*

Air *78* Surface *77* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-56.45</i>	<i>07.35</i>	0		
<i>57.25</i>	<i>06.30</i>	100		
<i>58.05</i>	<i>05.30</i>	200		
<i>58.50</i>	<i>04.25</i>	300		
<i>59.40</i>	<i>03.15</i>	400		
<i>3-00.35</i>	<i>02.05</i>	500		
<i>00.50</i>	<i>01.45</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mokapu Pt, S 10° 30' E, 13.6'

OK  
JTB  
/i

4310	205
525	157
<hr/>	<hr/>
3785	48
	525
	<hr/>
	573

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

SERIAL TEMPERATURES.

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

REMARKS:

Course N x S. p.c.

507.  
Antoniou

Pat Log 7.4

No. 4616 Date July 25<sup>th</sup>

Sigsbee Machine #1 Reel. Navy.

Turns 247 Cor. + 25 Depth 272 fms

Shot or lead 36 lbs

Bottom fine gy S 470

Bottom temperature

No. of thermometer 98236 Cor. - 0.2

Corrected temperature 46.8

Air 78 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.39.45	45.30	0		
40.30	44.25	100		
41.15	43.20	200		
41.45	42.35	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Мокану Рт, S 23° E., 14.4'

OK  
H.O.P.  
—  
3

247  
25  
—  
272

4310 205

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

SERIAL TEMPERATURES.

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

REMARKS:

Course N x S. psc

P.L. 12. 4.

No. 4617

Date

21 July 1902

Machine. 1

Reel.

Turns 307

Cor. +

31

Depth 338 fms

Shot or lead

36#

Bottom

fine gy S. 430

Bottom temperature

No. of thermometer

98236

Cor.

-0.2

Corrected temperature

42.8

Air

78

Surface

77

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.39.30	4.46.30	0		
40.10	45.30	100		
41.00	44.30	200		
41.50	44.30	300		
	44.30	307		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Point, 875° N., 9.0'

SK  
HCO.  
2

307  
31  
338

4310 205  
307  
4003

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

SERIAL TEMPERATURES.

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

REMARKS:

507  
*Sally*  
 No. 4618 Hy Date 25 July 1907  
 Reel. Tracy

Turns 1031 Cor. + 89 Depth 1120 fms  
~~Shot or lead~~ 36 #  
 Bottom S. M. Fr. 358  
 Bottom temperature  
 No. of thermometer 98236 Cor. 0  
 Corrected temperature 35.8  
 Air 78 Surface 77 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 34. 20	5. 58. 15	0		
35. 10	57. 50	100		
35. 55	56. 45	200		
36. 45	55. 40	300		
37. 40	54. 35	400		
38. 35	53. 30	500		
39. 40	52. 30	600		
40. 50	51. 10	700		
42. 00	50. 00	800		
43. 15	48. 10	900		
44. 30	47. 20	1000		
45. 00	46. 15	1031		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Point, 849°W, 11.3'

OK  
JTD.  
3

2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500	20 ✓	
3600	1031	11.5
3700	3299	89
3800		1031
3900		1120
4000		

SERIAL TEMPERATURES.

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

REMARKS:



5076  
 April 11

P.L. 40.5

No. *Dr. 4114*, Date *25 July '02*.

*Sigsbee* Machine. / Reel. *400*

Turns *140* Cor. + *14* Depth *154 fms.*

Shot or lead *36 lbs.*

Bottom *co S. For.*

Bottom temperature *61. -*

No. of thermometer *98236*. Cor. *-0.3*

Corrected temperature *60.7* (*513.0 W.*)

Air *82*. Surface *78*. Drift *1 7/10'*

Trawl or dredge *8' Tanner with Apron*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.36. -</i>	<i>9.39.05</i>	<i>0</i>	<i>9.44.15</i>	<i>10-29.40</i>
<i>36.45</i>	<i>38. -</i>	<i>100</i>	<i>48.15</i>	<i>25.15</i>
<i>9.37.05</i>	<i>9.37.30</i>	<i>140</i>	<i>52. -</i>	<i>21.45</i>
		<i>200</i>	<i>55.50</i>	<i>18.05</i>
		<i>350</i>	<i>10.07. -</i>	<i>10.16. -</i>
		<i>400</i>		
		<i>500</i>		
		<i>600</i>	<i>20 min.</i>	
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

NW Corner of Oahu Is. -  
 Kahuku Pt, N 72° 30' E, 9 3/10'

OK  
 H.O.  
 1/4

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

4310

205

140  
 14  
 ---  
 154

SERIAL TEMPERATURES.

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

REMARKS:

507.  
 Arr 11/7

No. *Dr. 4115.* Date *25 July '02.*  
*Sigsbee* Machine. *1* Reel. *Mary.*

Turns *177* Cor. + *18* Depth *195 fms.*

Shot or lead *36 Lbs.*

Bottom *co S. For.*

Bottom temperature *55.4°*

No. of thermometer *98236.* Cor. *-0.3*

Corrected temperature *55.1* (*N 5° W*)

Air *80°* - Surface *77°* - Drift *1 7/10'*

Trawl or dredge *10' Blake, 60 Lbs. haul weight.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.31.15</i>	<i>10.34.10</i>	<i>0</i>	<i>10.40.55</i>	<i>11.36.05</i>
<i>31.55</i>	<i>34.10</i>	<i>100</i>	<i>44.35</i>	<i>32.10</i>
<i>10.32.45</i>	<i>10.33.10</i>	<i>177</i>	<i>48.30</i>	<i>28.15</i>
		<i>200</i>		
		<i>300</i>	<i>52.40</i>	<i>24.15</i>
		<i>400</i>	<i>56.45</i>	<i>20.50</i>
		<i>450</i>	<i>10.58.50</i>	<i>11.18.50</i>
		<i>500</i>		
		<i>600</i>	<i>20 min.</i>	
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*Also marks end of Dr. 4114.*

Kahuku Pt, N 83° E., 9.0'

OK  
JTB.  
3

177  
18  
195

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

SERIAL TEMPERATURES.

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

REMARKS:

507  
*Am. Fish. Commission*

No. *4116* Date *25 July '02*  
*Rigsbee* Machine. / Reel. *Navy.*

Turns *219* Cor. + *22* Depth *241 fms.*

Shot or lead *36 lbs.*

Bottom *Co S. For*

Bottom temperature *49. -*

No. of thermometer *98236.* Cor. *-0.2*

Corrected temperature *48.8* *ON 16° E*

Air *81° -* Surface *77° -* Drift *2 6/10'*

Trawl or dredge *10' Blake, 60 lb S. W.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.39.35</i>	<i>11.44.20</i>	0	<i>11-51.25</i>	<i>59.25</i>
<i>40.15</i>	<i>43.15</i>	100	<i>55.30</i>	<i>55.30</i>
<i>41. -</i>	<i>42.10</i>	200	<i>59.55</i>	<i>51.25</i>
<i>11.41.10</i>	<i>11.41.50</i>	<i>219</i>	<i>12-03.35</i>	<i>47.10</i>
		300	<i>08.25</i>	<i>43.05</i>
		400	<i>13.25</i>	<i>39.00</i>
		500	<i>15.25</i>	<i>12-36.35</i>
		<del>550</del>		
		700		
		800	<i>21 min</i>	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*also marks end of Dr. 4115.*

Kahuku Pt, 886°30'E, 9'10'

OK  
X 100  
1/2

219  
22  
241

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

SERIAL TEMPERATURES.

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

REMARKS:

Hutchinson

327 Dr

No.

4117

Date

July 25<sup>th</sup>

Sigsbee Machine. #1

Reel. Navy.

Turns 256 Cor. +

26

Depth 282 fms

Shot or lead

36 #

Bottom

co S. Fgy 45.8

Bottom temperature

No. of thermometer

98236

Cor.

-0.2

Corrected temperature

45.6

(N 55° E)

Air

81

Surface

77

Drift

2 6/10'

Trawl or dredge

10' Blake, 60# J. W.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

00.35

06.55

0

11.00

22.25

01.25

05.45

100

15.50

17.35

02.15

04.50

200

20.00

13.25

02.50

04.10

256

23.40

09.00

Marks end of No 4116

400

27.20

05.20

500

31.50

01.20

575

34.55 3-

600

47.10

56.20

800

21 min

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Kahuku Pt, 869°30' E., 9.0'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
		3600	
		3700	
		3800	
		3900	
		4000	

OK  
JCS.  
5/24

256  
226  
30

SERIAL TEMPERATURES.

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

REMARKS:



328

*Hutchinson*

No. *4118* Date *July 25<sup>th</sup>*  
*Sigsbee* Machine. # / Reel. *Navy.*  
 Turns *230* Cor. + *23* Depth *253 fms*  
 Shot or lead *36 lbs.*  
 Bottom *cr S. For. R*  
 Bottom temperature *46.0*  
 No. of thermometer *98236* Cor. *-0.2*  
 Corrected temperature *45.8* *(N 54° E)*  
 Air *83* Surface *77* Drift *1 2/10'*  
 Trawl or dredge *10' Blake, 60# J. W.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-24.35</i>	<i>30.35</i>	0	<i>2-34.00</i>	<i>39.00</i>
<i>25.20</i>	<i>29.30</i>	100	<i>39.10</i>	<i>35.00</i>
<i>26.15</i>	<i>28.35</i>	200	<i>42-40</i>	<i>31-40</i>
<i>26.50</i>	<i>28.00</i>	300	<i>46-25</i>	<i>28-20</i>
<i>27.40</i>		400	<i>51-10</i>	<i>25-15</i>
<i>28.30</i>		500	<i>55-05</i>	<i>22-10</i>
		600	<i>58-35</i>	<i>17-30</i>
		<del>650</del>	<del><i>3-01-30</i></del>	<del><i>3-13-20</i></del>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*PM*  
*Marks and 7*  
*5 4117*

*15 min*

Kohuku Pt, 853°45'E., 7<sup>9</sup>/<sub>10</sub>'

OK  
H.B.  
/s

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
4310	3500	205
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

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

REMARKS:

Frame wrecked - upper beam badly bent & torn from bolt at one end; one runner badly bent, and net badly torn. Water haul -

*Stetson*

No. *4619* Date *July 25<sup>th</sup>*  
*Sigsbee* Machine #1 Reel. *Havy*  
 Turns *293* Cor. + *29* Depth *322*  
 Shot or lead *36*  
 Bottom *Co. S. For*  
 Bottom temperature *44.8*  
 No. of thermometer *98236* Cor. *-0.2*  
 Corrected temperature *44.6*  
 Air *83* Surface *77* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3:41.05</i>	<i>47.45</i>	0		
<i>41.55</i>	<i>46.40</i>	100		
<i>42.45</i>	<i>45.40</i>	200		
<i>43.45</i>	<i>44.45</i>	<i>293</i>		
		<del>300</del>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Pt, SE 7/10'

OK  
JTB

293  
29  
322

4310 205

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

SERIAL TEMPERATURES.

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

REMARKS:

Frame wrecked; one pump  
broke free from beam, both  
beams bent; net badly  
torn.  
and one runner  
see preceding page

Station 327 P.L. 54.2.  
 No. 4119 Date July 25<sup>th</sup> 07  
 Machine. 1 Reel. Navy  
 Turns 76 Cor. + 8 Depth 84 fms  
 Shot or lead 36#

Bottom Co S. For  
 Bottom temperature 64.0  
 No. of thermometer 98236 Cor. -0.2  
 Corrected temperature 63.8  
 Air 80 Surface 78 Drift N 25° W, 1 7/10'  
 Trawl or dredge 8 ft Tanner, Apron.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6:31.55	34.30	76	6:40.00	7. 14.15
31.30	33.40	100	44.30	10.00
		125	6.47.30	7.07.10
		200		
		300		
		400	20	m
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kohuku Point, N 62° 30' E., 9 <sup>9</sup>/<sub>10</sub>'

OK  
2100  
21

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

SERIAL TEMPERATURES.

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

REMARKS:

Probably on bottom but very ~~short~~  
short time; water haul.

330

Stinky  
507.  
Amk

No. 41120 Date July 25, 07

Machine. Reel. Hagy

Turns 152 Cor. + 36 Depth 167 fms

Shot or lead 36 Bottom Co S For 30

Bottom temperature 53.0

No. of thermometer 98236 Cor. -0.3

Corrected temperature 52.7 (N 21° W)

Air 79 Surface 77 Drift 1 1/10

Trawl or dredge 8' Sigsbee with open.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7:17:10	7:20:40	0	7:23:15	8:18:40
18.10	19.40	100	27.40	14.45
18.40	19.10	152	32.00	10.40
		300	36.10	06.-
		400	7.40.00	8.01.15
Also marks end of		500		
Δ = 4119.		600	21	Min.
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuka Pt, N 72° 30' E, 10.0'

OK  
 X.P.  
 3

152  
 15  
 167

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

SERIAL TEMPERATURES.

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

REMARKS:



507.  
A 11/11

No. 4121 Date 25 July '02

Sigsbee Machine. Reel. Heavy

Turns 196 Cor. + 20 Depth 216 fms.

Shot or lead 36 Lbs.

Bottom lv. S. Fr. R

Bottom temperature 49. -

No. of thermometer 98236. Cor. -0.2

Corrected temperature 48.8 (at 40° W)

Air 79° - Surface 77° - Drift 1/10'

Trawl or dredge 8' Tanner with apron.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 21.15	8. 25.50	0	8. 29.10	10. 32.30
22. -	24.50	100	33.25	29.35
8. 22.45	8. 23.45	196	37.20	25.35
		200	42.10	10.12. -
		300	46.45	57.20
		400	50.30	47.30
		500	8. 52.40	9. 15.30
		550		
		600		
		565		
		700		
		800		
		900	23 min.	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

also marks end  
of  
Dr. 4120.

\* in again, ship backing, strain  
ended, till 415 fms, ship stopped and  
strain reeled out 15 fms. Heaving in  
reeving out and backing ship repeated  
several times, till 270 fms. were  
in, and the strain was suddenly  
released. — Run and beam  
badly twisted; some bridge stop  
carried away; rolling boat.

Kahuku Pt, N 79° E., 10 1/10'

OK  
HOB:  
2

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

196  
20  
—  
216

SERIAL TEMPERATURES.

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

REMARKS:

Trawled under easy strain for 20 min.;  
just before started to leave in accu-  
rator, <sup>suddenly</sup> registered 3500 lbs., and had to  
reeve out to 565 fms. Hove in under  
heavy strain till 525, then had to reeve  
out again. Wire jumped gim block on B.A.  
Pat in place. At 520, when hoisting \*

501. *501. Kil*

No. *Hy. 4620.* Date *25 July '02.*

Sigsbee Machine. / Reel. *Mary.*

Turns *228* Cor. + *23* Depth *251* fms.

Shot or lead

Bottom *Co S. Fr*

Bottom temperature *49. -*

No. of thermometer *98236.* Cor. *-0.2*

Corrected temperature *48.8*

Air *78. -* Surface *77. -* Drift

~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.37.35</i>	<i>10.43. -</i>	0		
<i>38.75</i>	<i>42. -</i>	100		
<i>39.15</i>	<i>41. -</i>	200		
<i>10.39.25</i>	<i>10.40.30</i>	<i>228</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Also marked  
of  
Dr. 4121.*

Kahuku Pt, N 86° 30' E, 11.0'

*Handwritten scribbles*

328  
20  

---

251

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

SERIAL TEMPERATURES.

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

REMARKS:

No. *Hy 4621* Date *July 26<sup>th</sup>*Sigsbee Machine # *1* Reel. *Stary*Turns *430* Cor. + *41* Depth *471 fms*Shot or lead *36 lbs.*Bottom *Co. S. Frv.*Bottom temperature *40.50*No. of thermometer *98236* Cor. - *0*Corrected temperature *40.5*Air *78* Surface *77* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>5-32.15</i>	<i>40.50</i>	0		
<i>32.55</i>	<i>39.45</i>	100		
<i>33.40</i>	<i>38.50</i>	200		
<i>34.30</i>	<i>37.50</i>	300		
<i>35.25</i>	<i>36.40</i>	400		
<i>35.50</i>	<i>36.20</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

South-West Coast of Oahu Island  
 Barber's Point Light, S 54. W, 6 8/10'

OK  
 3/20  
 4

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

4310    205  
 430    164  
 3880    41  
 430  
 471

SERIAL TEMPERATURES.

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

REMARKS:

501. *Autolimon* Pat Log 92  
 332  
 No. *N 4122* Date *July 26*  
*Sigsbee* Machine. #10 Reel. *Navy*  
 Turns *175* Cor. + *17* Depth *192 f*  
 Shot or lead *36 lbs.*  
 Bottom *crs co S. sh.*  
 Bottom temperature *64.80*  
 No. of thermometer *98236* Cor. *-0.2*  
 Corrected temperature *64.6* (*N 49° W*)  
 Air *78* Surface *79* Drift *14/10*  
 Trawl or dredge *Blake 35#* *S. W.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-30.20</i>	<i>34.05</i>	0	<i>6-39.35</i>	<i>38.30</i>
<i>31.05</i>	<i>33 =</i>	100	<i>44.00</i>	<i>34.30</i>
<i>31.50</i>	<i>32.05</i>	<i>175</i>	<i>47.50</i>	<i>30.30</i>
		300	<i>51.25</i>	<i>26.25</i>
		400	<i>* 55.30</i>	<i>22.40</i>
		<i>450</i>	<i>40.15</i>	<i>7-20.00</i>
		600		
		700	<i>* Bottom</i>	
		800	<i>25 min</i>	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Barbers Point Light, N 82° E., 2 2/10'

OK  
100  
17

175  
17  
19

4310

205

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

SERIAL TEMPERATURES.

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

REMARKS:



333

No. *S<sup>2</sup> 4123* Date *July 26<sup>th</sup>*

*Sigsbee* Machine. # *Reel. Navy.*

Turns *320* Cor. + *32* Depth *352 fms*

Shot or lead *36 lbs.*

Bottom *gy S. M.*

Bottom temperature *42.5*

No. of thermometer *95236* Cor. *-0.2*

Corrected temperature *42.3* { *N22 E*

Air *81* Surface *79* Drift *0.5'*

Trawl or dredge *Blake 35' towed*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS

DOWN.

UP.

<i>41.20</i>	<i>47.50</i>	0	<i>7.50.30</i>	<i>09.30</i>
<i>42.00</i>	<i>46.45</i>	100	<i>54.30</i>	<i>05.30</i>
<i>42.45</i>	<i>45.45</i>	200	<i>58.15</i>	<i>01.30</i>
<i>43.35</i>	<i>44.45</i>	300	<i>8.02.30</i>	<i>55.00</i>
<i>43.50</i>	<i>44.30</i>	400	<i>07.00</i>	<i>41.00</i>
		500	<i>12.10</i>	<i>29.30</i>
		<i>550</i>	<i>14.10</i>	<i>8.27.20</i>

*Marks end of S<sup>2</sup> 4123*

*15 min*

Babine Pt Light, 8750 E., 3 2/10'

OK  
H.C.B.  
4'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
4310	205	3400	
320	173	3500	
3990	32	3600	
	320	3700	
	352	3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

Heavy load of mud in net; upper beam of frame slightly bent.

*Station*

No. 41124 Date July 26 07

Machine. Reel. *Howe*

Turns 325 Cor.  $\pm$  2 Depth 357 fms

Shot or lead 36 #

Bottom *fine. M. S. B.*

Bottom temperature 42.3

No. of thermometer 98236 Cor. -0.2

Corrected temperature 42.3 } 51.9° E

Air 81 Surface 79 Drift 1.5'

Trawl or dredge *Blake, 35' Trawl Weight*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9:20.15	28.05	0	9:38.50	10.46.30
21.00	27.00	100	42.00	42.30
22.00	26.00	200	45.50	39.20
23.00	25.00	300	50.50	35.30
23.20	9:24.30	325	55.05	23.55
		400	* 58.20	18.05
		500	<del>10.00</del>	10.13.00
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15 min

Barbers Pt Light, S 70° E., 3 2/10'

OK  
JTB.  
5/2

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4310	<del>200</del>	3600	205
325	16/9	3700	173
3985	<del>36</del>	3800	<u>32</u>
	3/25	3900	325
	361	4000	<u>357</u>

SERIAL TEMPERATURES.

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

REMARKS:

\* Net struck bottom. At 10:05 wire jumped the block on both ends; put it in place at 10:09, veered to pos. 4500 # strain at 350 yds. Net hauled, and the beam haul, to haul come up appended our bridle postea

*Fairley*

No. *H622 Hy* Date *26 July 1902*

*Sigsbee* Machine. *1* Reel. *Fairley*

Turns *319* Cor. + *31* Depth *350 fms*

~~Shot or lead~~ *36*

Bottom *fine gy. S. M.*

Bottom temperature *43.6*

No. of thermometer *98236* Cor. *-0.2*

Corrected temperature *43.6*

Air *81* Surface *78* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.48.10</i>	<i>10.55.35</i>	0		
<i>48.50</i>	<i>54.30</i>	100		
<i>49.10</i>	<i>53.30</i>	200		
<i>50.55</i>	<i>52.30</i>	300		
<i>51.15</i>	<i>10.51.10</i>	<i>319</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Babus Pt Light, N 83° E., 25/10'

JK  
 100.  
 in

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

4310 205  
 319 174  
 3991 51  
 319  
 350

SERIAL TEMPERATURES.

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

REMARKS:

335

69.3

No. 4125. Date 31 July '02.

Machine. Reel. Turns 886 Cor. + 77 Depth 963 fms.

Shot or lead 60 #

Bottom br. M. F. N. R.

Bottom temperature 36.4

No. of thermometer 98236 Cor. 0

Corrected temperature 36.4 (N 79° W)

Air 78° - Surface 77° - Drift 3.0'

Trawl or dredge 5 1/2' Blake

SOUNDING WIRE.

DOWN.

UP.

TURNS.

Am. DREDGE ROPE.

DOWN.

UP.

SOUNDING WIRE DOWN.	SOUNDING WIRE UP.	TURNS.	Am. DREDGE ROPE DOWN.	Am. DREDGE ROPE UP.
7.10:15	7.28.40	0	7.48.05	05 =
11.00	27.40	100	51.20	10.01.00
11.55	26.40	200	55.00	57.00
12.40	25.45	300	58.40	53.00
13.30	24.50	400	8:02.20	49.20
14.20	23.50	500	05.40	45.45
15.15	22.50	600	09.00	41.45
16.15	21.45	700	12.10	37.50
17.15	20.40	800	15.10	33.55
J. 18.10	J. 19.40	886	17.15	29.55
		900	21.20	25.35
		1000	25.10	22.00
		1100	28.30	18.25
		1200	31.55	14.30
		1300	36.00	10.35
		1400	41.15	06.30
		1500	44.50	9.01.05
		1600		
		1700		
		1800	16 min	
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kaieie Naho Channel; betn Oahu  
and Kauai Ids.

2500 Kahuku Point,  
2600 Oahu Is.,  
2700 577° E., 12.0'  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

4510 205  
886 128  
3424 886  
963

SERIAL TEMPERATURES.

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

REMARKS:

3000 lb strain frame  
lost Blake trawl & glass  
float. ~~Not made to sea.~~ And  
95 lb tail weights. Recovered  
fragments of net badly torn.



*507*  
*Dutchman*

No. *Hy 4623* Date *July 31<sup>st</sup>*

*Sigsbee* Machine # *4* Reel. *Nav.*

Turns *1035* Cor. + *89* Depth *1124 fms*

Shot or lead *35 lbs*

Bottom *M. S. F. G. Lava*

Bottom temperature *36*

No. of thermometer *98236* Cor. - *0*

Corrected temperature *36.0*

Air *80* Surface *77* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-07.30</i>	<i>30.10</i>	0		
<i>08.20</i>	<i>29.05</i>	100		
<i>09.05</i>	<i>28.05</i>	200		
<i>09.55</i>	<i>27.10</i>	300		
<i>10.55</i>	<i>26.15</i>	400		
<i>11.50</i>	<i>25.15</i>	500		
<i>12.50</i>	<i>24.10</i>	600		
<i>13.55</i>	<i>23.10</i>	700		
<i>15.00</i>	<i>22.15</i>	800		
<i>16.10</i>	<i>20.30</i>	900		
<i>17.20</i>	<i>19.20</i>	1000		
<i>17.50</i>	<i>18.55</i>	<del>1000</del> <i>1035</i>		
		1200		
<i>Marker end of</i>		1300		
<i>5 4125</i>		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kohukw Pt, S 78° E., 14.8'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
1035	116	3600	
3275	89	3700	
	1035	3800	
	1124	3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

No. 4126

Date

31 July 1902

Machine. 1 Reel.

Turns 1178 Cor. + 101

Depth

278 m

Shot or lead

60 lb

Bottom

gy. s. fm.

Bottom temperature

35.5°

No. of thermometer

98236

Cor. - 0

Corrected temperature

35.5°

(N 82° W

Air

80

Surface

78

Drift

6 5/10'

Trawl or dredge

5 1/2 ft

Blake

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.04.40	12.29.30	0	12.38.00	3.27.15
05.30	28.20	100	41.30	23.30
06.15	27.10	200	45.15	19.45
07.05	26.30	300	49.30	16.10
08.00	25.55	400	53.00	12.45
08.50	24.30	500	56.30	09.10
09.50	23.10	600	1.00.30	5.05.30
10.50	22.40	700	04.00	3.01.10
11.50	21.40	800	07.40	57.10
13.00	20.40	900	11.00	53.40
14.05	19.40	1000	14.30	50.10
15.15	18.30	1100	17.40	46.40
12.16.00	17.35	1178	21.30	43.00
		1300	26.10	39.00
		1400	31.00	35.00
		1500	34.00	31.50
		1600	37.10	28.30
		1700	40.00	25.00
		1800	43.20	17.20
		1900	47.40	11.50
		2000	1.30.30	2:05.30
		2100		
		2200		
		2300		
		2400		

bourse 11 by 11 (1/2)

Kahuku Point, S 72° E., 25.0'

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

*OK*  
*500*  
*2*

*Albatross*  
*New Model*

*4310 200*  
*1178 100*  
*3132 100*  
*1178*  
*1278*

SERIAL TEMPERATURES.

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

REMARKS:

No. *4624* Date *31<sup>st</sup> July 02*  
*Sigsbee* Machine. 1 Reel. *700-g*  
 Turns *682* Cor. + *61* Depth *743* *fms*  
 Shot or lead *60*  
 Bottom *fm For. cr. gy. s.*  
 Bottom temperature  
 No. of thermometer *98236* Cor. *-0*  
 Corrected temperature *38.0*  
 Air *78* Surface *78* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3. 31.10</i>	<i>3. 45.10</i>	0		
<i>32.00</i>	<i>44.45</i>	100		
<i>33.00</i>	<i>43.45</i>	200		
<i>33.50</i>	<i>42.45</i>	300		
<i>34.50</i>	<i>41.40</i>	400		
<i>35.55</i>	<i>40.50</i>	500		
<i>36.55</i>	<i>39.40</i>	600		
<i>37.40</i>	<i>38.30</i>	<i>682</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

~~Kahuku~~ Kahuku Point,  $67^{\circ}30' E, 318/10'$

516  
500  
511

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

4310  
682  
3678

200-  
144  
61  
682  
743

SERIAL TEMPERATURES.

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

REMARKS:

507.61  
April

No. *Hv. 4625* Date *31 July, '02*

*Sigsbee* Machine. / Reel. *Mary*

Turns *810* Cor. + *71* Depth *881 fms.*

Shot or lead *60* Lbs.

Bottom *For. vol S.*

Bottom temperature *36.7*

No. of thermometer *98236* Cor. *-0*

Corrected temperature *36.7°*

Air *79°* - Surface *78°* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.35. -</i>	<i>4.50.50</i>	0		
<i>35.45</i>	<i>49.45</i>	100		
<i>36.30</i>	<i>48.50</i>	200		
<i>37.20</i>	<i>48.05</i>	300		
<i>38.10</i>	<i>47.05</i>	400		
<i>39. -</i>	<i>46.10</i>	500		
<i>39.55</i>	<i>45.10</i>	600		
<i>40.45</i>	<i>44.10</i>	700		
<i>41.40</i>	<i>43. -</i>	800		
<i>4.41.50</i>	<i>4.42.50</i>	<del>810</del> 900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Point, S 72° 15' E., 36 8/10'

OK  
JH  
2/2

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

4310  
810  

---

3500

205  
134  

---

71  
810  

---

881

SERIAL TEMPERATURES.

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

REMARKS:



P.L. = 89.3

507. / 11

No. *H.V. 4626.* Date *31 July, 02*

*Sigsbee* Machine. / Reel. *Navy.*

Turns *1250* Cor. + *106* Depth *1356 fms.*

Shot or lead *35 Lbs.*

Bottom *fine Fr. cor vol 2.*

Bottom temperature *35.3*

No. of thermometer *98236.* Cor. *-0*

Corrected temperature *35.3°*

Air *78°* - Surface *78°* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.40.15</i>	<i>6.07.25</i>	0		
<i>41.10</i>	<i>06.25</i>	100		
<i>42.-</i>	<i>05.25</i>	200		
<i>42.55</i>	<i>04.30</i>	300		
<i>43.45</i>	<i>03.30</i>	400		
<i>44.45</i>	<i>02.35</i>	500		
<i>45.45</i>	<i>01.35</i>	600		
<i>46.45</i>	<i>6.00.30</i>	700		
<i>47.50</i>	<i>59.30</i>	800		
<i>48.45</i>	<i>58.20</i>	900		
<i>50.05</i>	<i>57.10</i>	1000		
<i>51.10</i>	<i>56.-</i>	1100		
<i>52.20</i>	<i>54.45</i>	1200		
<i>5.53.-</i>	<i>5.54.05</i>	<del>1250</del> <del>1300</del>		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Point, 172° 30' E., 42.0'

*Handwritten scribbles*

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

4310  
1250  

---

3060

205  
~~99~~  
106  
1250  

---

1356

SERIAL TEMPERATURES.

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

REMARKS:

1007 Kil  
 No. 4627  
 Station

P.L. = 99.3

No. 4627 Date 31 July '02.

Sigsbee Machine. 1 Reel. No. 1  
 Turns 1685 Cor. + 134 Depth 1819 fms.

Shot or lead 60 Lbs.

Bottom fine gy s. glob

Bottom temperature 35.0

No. of thermometer 98236. Cor. - 0

Corrected temperature 35.0

Air 78 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.44.10	22.10	0		
44.55	21.05	100		
45.40	20.00	200		
46.30	18.55	300		
47.20	17.50	400		
48.10	16.40	500		
49.25	15.35	600		
50.05	14.25	700		
51.10	13.15	800		
52.10	12.05	900		
53.20	10.55	1000		
54.25	09.45	1100		
55.35	08.35	1200		
56.40	07.20	1300		
57.45	06.10	1400		
58.50	04.50	1500		
8 P.M.	03.30	1600		
01.15	02.30	1685 <del>1700</del>		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kahuku Point, 8710 E., 52.0'

OK  
H.P.  
/

4310	205
1685	71
<hr/>	
2625	134
	1680
	<hr/>
	1819

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

SERIAL TEMPERATURES.

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

REMARKS:

P.L. 10.2

337

No. 4127 Date July 31<sup>st</sup>

Sigsbee Machine #1 Reel Tracy

Turns/255 Cor. + 107 Depth 1362 fms

Shot or lead 35 lbs

Bottom Foug. Sh. Fr. rd S. R.

Bottom temperature 35.3°

No. of thermometer 98236 Cor. -0

Corrected temperature 35.3° (87.4° W)

Air 78 Surface 78 Drift 4.5'

Trawl or dredge 5 1/2 Blakey "Albatross Model 'New"

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-06.40	34.10	0	10-43.50	
07.25	33.05	100	47.00	2-50.40
08.10	32.05	200	50.35	48.30
09.05	31.05	300	54.50	43.45
10.00	30.00	400	59.30	40.30
11.00	28.55	500	11-04.10	37.00
12.00	27.50	600	08.30	33.30
12.55	26.40	700	13.00	24.20
13.55	25.30	800	17.50	26.00
15.05	24.20	900	22 =	22.00
16.15	23.05	1000	27.55	16.20
17.25	21.55	1100	33.05	11.15
18.35	20.45	1200	37.20	2.05.30
19.15	20.10	1300	41.40	57.30
		1400	45.50	54.30
		1500	50.00	50.00
		1600	53.30	44.30
		1700	57.00	38.00
		1800	12.00.00	30.00
		1900	03.30	1.19.00
		2000	07.30	1.32.40
		2100	11.30	1.46.00
		2200	16.10	12.38.10
		2300		
		2400	23 min	

avg 12 min

Spence TX X (PAP)

Vicinity of ~~Hanalei~~ Hanalei Pt. -  
 Hanamaulu Whse,  $545^{\circ}30'N, 12.8'$

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

OK  
 H.P.  
 1/19

with apron  
 4310      205  
 1255      98  
 -----  
 3055      107  
 1255  
 -----  
 1362

SERIAL TEMPERATURES.

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

REMARKS: at 2000 fms,  
 with a strain of 7000 lbs,  
 Towed 150 fms, when wire  
 was suddenly released, ← at  
 no depth net came away.  
 Very heavy strain at 900 fms.  
 Wire suddenly released. Last 2000  
 plate net fms & 138 fms deep wire

No. *4628* Date *1 Sept 1907*  
*Lippell* Machine. *1* Reel. *Moby*  
 Turns *326* Cor. + *22* Depth *358 fms*  
 Shot or lead *35*  
 Bottom *Co. vol s. Sh*  
 Bottom temperature *43.9*  
 No. of thermometer *98236* Cor. *-0.2*  
 Corrected temperature *42.8°*  
 Air *77* Surface *77* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2:58.40</i>	<i>3:05.10</i>	0		
<i>57.45</i>	<i>04.05</i>	100		
<i>58.40</i>	<i>03.00</i>	200		
<i>59.45</i>	<i>01.55</i>	300		
<i>3:00.15</i>	<i>3:01.30</i>	<i>326</i>		
		<del>400</del>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Marks end  
 of 101  
 4127

Hanamaulu Whse, S 31° 30' W, 9.0'

OK  
J.C.B.  
/y

2500 S 31° 30' W  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

4310 200  
326 173  
3984 37  
376  
3018

SERIAL TEMPERATURES.

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

REMARKS:



not  
A. K. P.

338

P.S. = 15.5

No. *Δi-4128* Date *1 August '02*

*Sigsbee* Machine. 1 Reel. *Wagon.*

Turns *730* Cor. + *73* Depth *253 fms.*

Shot or lead *35 lbs.*

Bottom *crs. br. co. S. Fr.*

Bottom temperature *48. -*

No. of thermometer *98236* Cor. *-0.2*

Corrected temperature *47.8°* (*N 25° E*)

Air *78° -* Surface *77° -* Drift *0.5'*

Trawl or dredge *8' Blake, "Albatross" N. W. of Apes.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5. 29. 15</i>	<i>5. 55. 25</i>	<i>0</i>	<i>6. 18. -</i>	<i>6. 45. 30</i>
<i>30. 10</i>	<i>34. 20</i>	<i>78</i>	<i>22. 4</i>	
		<i>100 90</i>	<i>6. 31. 10</i>	<i>6. 42. 30</i>
<i>31. 05</i>	<i>53. 15</i>	<i>200</i>		
<i>5. 31. 15</i>	<i>5. 33. 5</i>	<i>230</i>	<i>20 1/2 min.</i>	
		<i>300</i>		
		<i>400</i>	<i>*</i>	
		<i>500</i>		
		<i>600</i>	<i>Trawl on bottom at 68 fms.</i>	
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

Hamamauku Whse, N 44° 30' W., 2.6'

Intermediate depth, N 31° 30' W., 2.5'

*[Handwritten scribbles]*

68-90 fms - 2600

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

230  
27  
253

SERIAL TEMPERATURES.

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

REMARKS:

\* The initial sounding gave 253 fms,  
Sounding at end of drive gave 179  
But Trawl struck bottom at 68  
(cable in angle), towed at 90 fms, and  
a quantity of polygonal came up in  
the net.

Am. Phil.

339

No. *D. 4129.* Date *August, '02.*

*Sigsbee* Machine. / Reel. *Navy.*

Turns *163* Cor. + *16* Depth *179 fms.*

Shot or lead *36 Lbs.*

Bottom *crs co S. For. SL.*

Bottom temperature *59.2*

No. of thermometer *98236.* Cor. *-0.3*

Corrected temperature *58.9°* (*at 35°*)

Air *78°* - Surface *77°* - Drift *0.7'*

Trawl or dredge *8' Blake, "All. New Model, 4 specm."*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6. 49. 40</i>	<i>6. 54. 10</i>	0	<i>7. 01. 30</i>	<i>7. 43. 10</i>
<i>50. 30</i>	<i>53. -</i>	100	<i>04. 40</i>	<i>39. 25</i>
<i>6. 51. -</i>	<i>6. 52. 10</i>	163	<i>10. 50</i>	<i>35. 20</i>
		200	<i>7. 13. -</i>	<i>7. 33. -</i>
		250		
		300		
		400		
		500	<i>20 min.</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*also marks end of D. 4128.*

Hanamaulu Whse N 42° 30' W., 2.3'

~~OK  
510~~

163  
16  

---

179

4310      205

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

SERIAL TEMPERATURES.

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

REMARKS:

Water haul.

340

*Stetson*

571

No. *4130*

Date *1 Aug. '02.*

Sigsbee Machine. / Reel. *Kary*

Turns *257* Cor. + *26* Depth *283 fms*

Shot or lead *36 lbs.*

Bottom *gy S.*

Bottom temperature *46.3°*

No. of thermometer *98236.* Cor. *-0.2*

Corrected temperature *46.1°* (*X10°E*)

Air *78° -* Surface *77° -* Drift *1.4'*

Trawl or dredge *Blake, New Model with apron.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.45.40</i>	<i>51.50</i>	<i>0</i>	<i>7.56.00</i>	<i>04.40</i>
<i>46.30</i>	<i>50.45</i>	<i>100</i>	<i>8.00.50</i>	<i>01.15</i>
<i>47.20</i>	<i>49.40</i>	<i>200</i>	<i>05.30</i>	<i>57.30</i>
<i>48 -</i>	<i>49.00</i>	<i>257</i>	<i>09.40</i>	<i>54.30</i>
		<i>300</i>		
		<i>400</i>	<i>14.35</i>	<i>51.00</i>
		<i>500</i>	<i>19.15</i>	<i>47.25</i>
<i>Marked end of</i>		<i>550</i>	<i>21.50</i>	<i>44.00</i>
<i>N 4129</i>		<i>600</i>	<i>30.00</i>	<i>8.42.00</i>
		<i>650</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>	<i>20 min</i>	
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

Hanamaulu Whse, N 61° W, 2.2'

OK  
JTD.  
in

45  
47  
48

4310

205

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

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	24			
200	23			
300	22			
400				
500				
600				
700				
800				
900				
1000				

\* Bottom

REMARKS:

*Station*

341

57.

No. *4131*

Date *Aug 1<sup>st</sup>*

Sigsbee Machine #1 Reel. *Navy*

Turns *281* Cor. + *28* Depth *309 fms*

Shot or lead *36 lbs.*

Bottom *fm gy S.*

Bottom temperature *43.9*

No. of thermometer *98236* Cor. *-0.2*

Corrected temperature *43.7°* (*N 18° W*)

Air *79* Surface *77* Drift *1.9'*

Trawl or dredge *8' Blake, New Model with apron*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-09.25</i>	<i>15.40</i>	<i>0</i>	<i>9-20.25</i>	<i>25.10</i>
<i>10.10</i>	<i>14.30</i>	<i>100</i>	<i>24.40</i>	<i>21.55</i>
<i>11.05</i>	<i>13.30</i>	<i>200</i>	<i>28.30</i>	<i>18.35</i>
<i>11.50</i>	<i>12.30</i>	<i>281</i>	<i>32.40</i>	<i>15.01</i>
		<i>300</i>	<i>36.30</i>	<i>11.40</i>
		<i>400</i>	<i>38.00</i>	<i>08.00</i>
<i>Marker end of</i>		<i>430</i>	<i>46.25</i>	
<i>54 4130</i>		<i>500</i>	<i>59.30</i>	<i>10-06-35</i>
		<i>530</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*28 min*

*\* Bottom*

Hanamaulu Whse, S 81° 30' W, 2.2'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
<hr/>		3600	
		3700	
		3800	
		3900	
		4000	

OK  
J.L.O.  
J.L.

281  
28  
309

SERIAL TEMPERATURES.

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

REMARKS:



*W. H. ...*

No. *N<sup>o</sup> 4132* Date *Aug 1<sup>st</sup> 11*

*Sigsbee* Machine. #1 Reel. *Navy.*

Turns *234* Cor. + *23* Depth *257 fms*

Shot or lead *36 lbs.*

Bottom *gy S. M*

Bottom temperature *47°*

No. of thermometer *98236* Cor. *-0.2*

Corrected temperature *46.8°* (NE)

Air *80* Surface *77* Drift *(1.7)*

Trawl or dredge *'Blake, New Model, with spec'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-28.25</i>	<i>33.50</i>	0	<i>10-38.15</i>	<i>12.14.30</i>
<i>29.20</i>	<i>32.40</i>	100	<i>42.50</i>	<i>09.10</i>
<i>30.05</i>	<i>31.30</i>	200	<i>47.05</i>	<i>12.04.30</i>
<i>30.30</i>	<i>31.05</i>	<i>234</i> 300	<i>51.20</i>	<i>09.30</i>
		400	<i>55.45</i>	<i>03.30</i>
<i>Marks end of</i>		500	<i>11-00.40</i>	<i>49.00</i>
<i>N 4131</i>		600	<i>* 04.40</i>	<i>43.45</i>
		700	<i>13.50</i>	<i>38.35</i>
		800	<i>21.40</i>	<i>32.40</i>
		900	<i>28 min</i>	
		1000		
		1100	<i>* Bottom</i>	
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hanamaulu Whse, 837° W., 2.7'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
4310	205	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

3500 No strain 775 fms.  
 Net slightly torn - Much  
 mud in net.

343

507  
Sally

No. 41133 D Date 17 August 02

Machine. 1 Reel. Navy  
Turns 284 Cor. + 28 Depth 3 1/2 m

Shot or lead 36 #

Bottom M. gy S R

Bottom temperature 42.4

No. of thermometer 98236 Cor. -0.2

Corrected temperature 43.8° (68.1° W)

Air 81 Surface 77 Drift 1.0'

Trawl or dredge 8 ft Blake 1 m, 1 pin

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.20.00	12.28.00	0	12.57.30	34.00
20.55	29.10	100	1.01.30	31.00
21.40	25.10	165*	<del>06.00</del>	28.00
22.30	22.00	284		25.00
		300		
		400	24 min -	
		500		
		600		
		700		
		800		
		900		
		1000	* ON bottom	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Boys end  
41132

Hanamaulu Whse, 840° W, 4.4'

OK  
 1000  
 11

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

280  
 278  
 ---  
 312

SERIAL TEMPERATURES.

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

REMARKS:

Net come up collapsed and  
 torn, visibly covered away,  
 caught in bottom and  
 got a piece of about  
 2000# lost nothing  
 much mud in net.

No. *4679* *Hy* Date *17<sup>th</sup> August 1902*  
 Machine. Reel. *1715*  
 Turns *37* Cor. + *1* Depth *41* *ms*  
 Shot or lead *30*  
 Bottom *br. Co. S. Corals, Gr.*  
 Bottom temperature *75.3*  
 No. of thermometer *98231* Cor. *-0.1*  
 Corrected temperature *75.2*  
 Air *80* Surface *78* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>36.50</i>	<i>47.10</i>	0		
<i>37.20</i>	<i>41.30</i>	<i>37</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*4133*

Hanamaulu Whse, S 30° W., 38/10'

OK  
J.B.  
2/21

4310 208-

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

SERIAL TEMPERATURES.

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

REMARKS:

507.

344 P.S. 17.5

No. 4134 Date 1 Aug. 02

Machine. Reel. Navy

Turns 295 Cor. + 29 Depth 324

Shot or lead 36 #

Bottom fine. Co. V. S.

Bottom temperature

No. of thermometer 98236 Cor. -0.2

Corrected temperature 43.3 {N 12° E

Air 82 Surface 78 Drift 1.0'

Trawl or dredge Blake, 76 ft. Special.

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2:11.30	18.50	0	2:25.00	2:31.30
12.30	17.50	100	29.10	27.50
13.30	16.50	200	33.30	24.00
14.20	2:11.50	295	37.00	20.00
		300	42.30	16.15
		400	45.50	12.40
		500	50.10	3:10.05
		550		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

29 min.

On bottom

Hanamaulu Whse, S35°30' W., 5 2/10'

OK  
 500  
 24

295  
 29  
 ---  
 324

4310

205

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

SERIAL TEMPERATURES.

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

REMARKS:



345

for *Frank*

No. *4135* Date *1st Aug 1907*

*Rigbee* Machine. Reel. *Navy*

Turns *205* Cor. + *20* Depth *225*

Shot or lead *36 lb*

Bottom *fine co S.*

Bottom temperature *51.2°*

No. of thermometer *98256* Cor. *-0.3*

Corrected temperature *51.4°* (*N 33° E*)

Air *83* Surface *78* Drift *0.7'*

Trawl or dredge *8' B - Albatross, and apron.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>33.50</i>	<i>39.10</i>	0	<i>3.48.40</i>	<i>4.26.30</i>
<i>34.40</i>	<i>38.10</i>	100	<i>52.25</i>	<i>21.30</i>
<i>35.40</i>	<i>37.10</i>	200	<i>3.56.50</i>	<i>4.17.10</i>
		<i>205</i>	<i>20 1/2 min.</i>	
<i>Also marks end of A. 4134.</i>		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hanamaulu Whee, S 31° 30' N., 6 2/10'

OK  
H.W.  
1/2

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

SERIAL TEMPERATURES.

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

REMARKS:

Initial sounding 225 fms.; Trawl struck bottom when 125 fms. of cable were out from on bottom for 20 min. at 200 fms. Terminal sounding 244 fms. Very little in net as it came up; water haul almost. Net evidently on bottom but short time; not on bottom when thought.

H.W.

no.

No. Dr. 4136. Date Aug. 02.

Sigsbee Machine. / Reel. Wray.

Turns 267 Cor. + 27 Depth 294 fms.

Shot or lead 36 Lbs.

Bottom fine co s.

Bottom temperature 44.4

No. of thermometer 98236. Cor. -0.2

Corrected temperature 44.2° (N 31° E.)

Air 83° - Surface 78° - Drift 0.8'

Trawl or dredge 8' B. - Albatross, and Apron.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 29.20	4. 35.35	0	4. 40.10	5. 28.00
30.15	34.35	100	44.05	23.45
31.10	33.35	200	47.45	19.40
4. 31.45	4. 33.-	<del>267</del> <del>300</del>	51.10	15.50
		400	55.20	11.50
<u>Also marks end</u>		500	4. 57.30	08.-
<u>of</u>		515		5. 06.20
<u>Dr. 4135.</u>		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7 min.

Hanamaulu Whse, S 21° 45' W., 6.9'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
267		3600	
27		3700	
294		3800	
4310	205	3900	
		4000	

SERIAL TEMPERATURES.

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

REMARKS:

at 390 fms. trawl struck bottom. While  
 towing on 500 fms. a strain of 2000 lbs.  
 occurred out to 515 fms. At 500 fms. when  
 heaving in, there was a sudden release  
 on the accumulator.

*Arktik*

No. *H. 4630.* Date *Aug 1<sup>st</sup>*  
*Sigsbee* Machine. #1 Reel. *Navy.*

Turns *320* Cor. + *39* Depth *352 fms.*

~~Shot or lead~~ *36 #*

Bottom *Co. mang. S. For.*

Bottom temperature *42.8*

No. of thermometer *98236* Cor. *-0.2*

Corrected temperature *42.6°*

Air *82°* - Surface *78°* - Drift

~~Trawl or dredge~~

*OW*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-30.35</i>	<i>5.46.10</i>	0		
<i>31.30</i>	<i>38.55</i>	100		
<i>32.30</i>	<i>37.40</i>	200		
<i>34.40</i>	<i>36.30</i>	300		
<i>5.35.-</i>	<i>5.36.10</i>	320		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Also marks end of*  
*5.35.4136.*

Hanamaulu Whse, S 31° 30' N., 7 7/10'

OK  
 11/18/14

4310  
 320  
 3990

205  
 173  
 332  
 320  
 352

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

SERIAL TEMPERATURES.

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

REMARKS:

347

PL. 27.3

0071  
H. S. Schuman

No. 4137 Date 1 Aug. '02

Rigbee Machine. / Reel. Navy.

Turns 375 Cor. + 36 Depth 411 fms.

Shot or lead 36 lbs.

Bottom 607 Vol S. Fr. R

Bottom temperature 41-

No. of thermometer 98236. Cor. -0

Corrected temperature 41.0° (N 5° W)

Air 79. - Surface 78. - Drift 1.4'

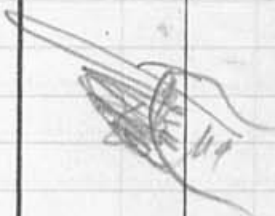
Trawl or dredge 8' B. Albatross, with apron

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.22.-		0	7: 39.30	17.30
22.50	29.35	100	44.40	13.50
24.-	28.30	200	49.30	09.55
25.-	27.30	300	55.30	05.50
7. 25.40	7. 26.40	375	8. 00.30	9. 01.50
		400	05.40	57.40
		500	10.40	53.10
		600	18.00	49.10
		700	23.50	44.50
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Surface Net  
7.450, 8.06 AM

1 haul 21<sup>m</sup>  
net torn by  
seas.

21 min



Cloudy, Misty, Gentle  
E. N. E. breeze, ~~Smooth sea,~~  
light sea with occasional  
short quick surges.

Hanamaulu Whar, N 65° 15' W., 4.0

4310	-	295
375		<del>169</del>
<u>3935</u>		38
		<u>375</u>
		412

Bridle parted from one  
of the runners, net  
and spruce slightly  
torn.

Course  
N. E.



