



2162A/2

N I Current Winds the Sound" Keweenaw March 8<sup>th</sup> 1860

2	-	SW		
2	-	SW		
3	6			
1	6	ENE		

SW

South  
SE

$$\begin{array}{r} 8 \quad 61\frac{1}{2} \text{ 92} \\ 10 \quad 61\frac{1}{2} \text{ 92} \\ \hline 90 \\ \hline 180 \\ \hline 208.40 \end{array}$$

258

7/2

am 5. Tide falling abt 1/2 mile or more to the west - drift like  
 heavy clouds west to the south. Bad for service. The wind  
 shifted from SW to South. & freshened up - 5.30 wind to  
 fair. Observed the main sail.  
 at 6.10. Weighed - cast on the land. took 2 or 3  
 round on the shore. & mass sail. Observed the  
 shore of the I to be much bent over - the crown -

at 7.15. Wind blowing strong. Hauled  
 shortens sail, took in 2 reefs off  
 mainsail, at 2<sup>nd</sup> jibe instead of 3<sup>rd</sup>  
 at 7.30. Papered abt 1 1/2 mile to the shore  
 of Depart Isl. - saw several low hills  
 to the E? & West? of the low land of  
 the main to the South?  
 at 7.45. bore up SW to round table hill  
 at 8. It's center bore south 1 mile distant  
 the low land of the hill at the back of table  
 to the East? - strong breeze signals weather  
 took in the fore sail, & eased the 2<sup>nd</sup> jibe one  
 third in -

at 7.15. Wind blowing strong. Hauled  
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 third in -

7.45. 5. 1 1/4. 1/2  
 4 1/4. 1/2

at 8. 1/4. 1/4. 1/4



with circumference.  
Bearing,  $\text{S } 4^{\circ} \text{ E}$ : from summit of Pt. Caribby,  
called in last Book: N. S.

The N<sup>o</sup> point visible extreme of Land, — 42. 15<sup>o</sup>  
which is the N<sup>o</sup> end of an island, whose  
is Point-head —

At the back of which, Land is seen — 45. 45<sup>o</sup>

No point of an island — 51. 30

N<sup>o</sup> point of another island, none — 52. 30

A point inside of the last — 53. 45<sup>o</sup>

Another point — 55. 0

A hill of ~~the~~ low land, at the back }  
of which, distant land is seen } — 60. 0

To end of an island — 65. 0

At this side of the last head are several heads 66. 0  
with a reef extending N. South. & breaking —

A rock, west. — (breaks round it) — 68. 0

S<sup>o</sup> end of an island, whose N<sup>o</sup> end is that in }  
by the last set head ~~(at the)~~ } 74. 30

A low sandy point — 75. 0

Center of a sandy Bay formed by 2 heads } 84. 0  
Point

From Summit P. Conestoga -

• East. Sandy bay formed like the last - 89.36

• Bluff of Gove an island (where J. W. Bear 99.30)  
enjoyed A. B. A!

is 97.65. -

• At Sandy hl? (formerly seen with Cnty G. 116.0)

• F. T. Land

177.15

• Mile C - 184 $\frac{1}{2}$  ~~184.5~~

• Center of Q - 186.30

• Pt. inside of Q (before at end of Lewis!?) 189.15

• W. & N. Harbor - from 163 to 100 (running off shore)

Edge of Rocks to 175 $\frac{1}{2}$ . -

• S. Pt. of Gidley hl? (low Wt.) - 188. -

From Gidley S. Pt. to S. appears a spit joining the

• From S. Pt. Gidley hl? Lewis hl? the water

breaks in to 200 - ~~S. Pt. of Lewis hl?~~

• S. Pt. Lewis hl? - 192. -

• Center of I - 199

• Mile I (doubtful) - 211.65

• Point of Mile A (submerged) - 226.36

• Between which, Station, an island from 220 $\frac{1}{2}$  to

• Point of on with flat rock or head - 229. -

• Submerged N. 9 & 7? (Lewis head from after?) 230.15

• Submerged N. end of Crookby's hl? 241.0

• N. S. Thierby's hl? has been called Roseway hl?

• in last Board -



• hl? (winter) — 244.30  
 • Northwest Pt. of Gully: hl? — 258.30  
 • Centre of hl? (de) — 259.30  
 • Over centre of S to hl? extending from 255 to  
 { 263  $\frac{1}{2}$  }  
 { 267  $\frac{1}{2}$  } of lower  
 { 276  $\frac{1}{2}$  }  
 • X a — { 275 from  
 { 312 to

• 1/4 W end of X a a long of Rocks —

• Rock hl? from 299 to Rock way 305  $\frac{1}{2}$ .

• Island —

{ On the East side of which are 2 Bays found  
 by 3 points

• 2 small trees or Rocks. 326

• Centre of the Platters —

348-

• T. H. P. cables go in round the Bluff.

• Arrived on the top of X { from 292 to  
 297.

• 2 Notches in X —

286 to 288

• West point of Bay of X (stand of the  
 Sa. Rocks) — } 294

• Arthur's Mark —

295  $\frac{1}{4}$

8.40 P.M. - Depth of water - 4 $\frac{1}{2}$ . - sunrise S.E.  
Wind N.W. -

10. Depth 4 $\frac{3}{4}$ . - Tide setting S.S.E. 3 fms  
W. horn - Wind increased from West  
with fine mist. - Lightning from West  
to N.W. - weather rather cloudy in that  
direction. - Therm. 85 $^{\circ}$ . -

at 11. depth 4 $\frac{3}{4}$  - No set of tide -

11.40 - - - 4 fms. 4 fms. - - No set of tide -  
Midst - 4 $\frac{1}{2}$  fms. - Wind West. Most of fine  
Therm. 84 $\frac{1}{2}$ . - A Bar on shore with

a party to catch ketch. - this was seen  
2 Boats of them were seen on the sand

From 12 $\frac{1}{2}$  in N.W. Bay - <sup>W. horn</sup> ~~W. horn~~ head

L from Station on Country Head to } 19.58  
The outer point of the Head - }  
L S to center of Platters. - 103.5  
L S to 2 flat Islands - 126.22  
L Center 2 flat Islands to Sa - 37.22  
2 Platters contain an L of - 5.56.0  
L outer S. & N. Center of Bay 95.24  
L S - Station - 76.56.0



Sa of Side N ————— 99.66

Station on Courtney Head ————— 165.308.

March 2. at 2 am Therm.  $82\frac{1}{2}$  —  
at 7<sup>h</sup> Therm.  $84\frac{1}{2}$ .  $8^{\text{h}}$   $89$ .

Depth of water 5 fms.

11. 28 Am. - bright - wind WNW. Current back.  
back - Hauled up to the head - N<sup>W</sup>W. 7

~~7~~ Sa 1<sup>st</sup> Pt. opening Sa ————— 287 W

~~1<sup>st</sup> Pt. opening~~ Sa ————— 188 W

a spit of rocks coming off sandy N.W. Pt.

8 -

1<sup>st</sup> sandy Pt. ~~1<sup>st</sup>~~ + Sa + 1<sup>st</sup> Pt. } 277 W  
of an hill. ~~1<sup>st</sup>~~ with earthen

Sb + Sa ————— 573 W

8<sup>th</sup>.

Sb ~~1<sup>st</sup> Pt.~~ + Sa

Sa; a Pt. on this tide Sb; a faint one. <sup>(Round top)</sup>

162 W

The low sandy part of Sb - in one -

back, to W. of Sa, on with it <sup>1<sup>st</sup></sup> 157 W

A dirt: cut: on with opening below sandy Pt. of Sb.

75/6

View of an island <sup>(de)</sup> on with N. Sandy Pt. 8730  
St. P. Sandy Pt. on with cascade 71/4 158 1/2 W  
at 11.55. 7pm.

going 2 knots N 1/4 W abatein to hawata  
Round head on S. Sandy Pt. — 156 1/2 W  
a dirt Pt. (long) on N. Sandy Pt. — 166 1/2 W

have two <sup>at noon</sup> up river of north. The  
noon. Pres. alt. Mt. King — 76.45. 58

Station on S — 118.

L. B. — t Xa — 93.54.0  
L — H. Bluff of S — 3 29.0

Center of Bluff — N 16 W

2 Flat Mt. — N 39 W

Back — N 60 W

Center of U — N 58 W

N. end of X — N 64 1/2 W

Notches of X — N 84 1/2 W

de Seid — 172 W

N. end Underby Pt. — 164 W

St — 162 W

Bluff head on S. end St — 148 W

Bluff of Sa — 123 W

N. end inside Bluff — abt. 118 1/2 W

Thrust: 89 1/4 - low when

abt. 12.9. filled - N. W. — 6 1/4



Centre of S on Mouth of Canterbury head/S - S10W.

Flat rock on with centre of U. — N 65 W  
S. end of an island <sup>(bottom empty)</sup> on with the N. rocky }  
N. of Sandy h. — } S 55 1/2 W

Breaking the Land between opening between } S 55 W  
Enderby & Lewis h. — }

Subsided extreme of Lewis h. on N. Sandy Pt. S 54 1/2 W

Subsided summit of A on N. Sandy Pt. — S 53 W  
Not A —  
N. on X or S. on U. 6 1/4 N 74 W

N. Pains near open of N. Sandy Point — 7 S 50 1/2 W

at 12.39 Laying on table. 6 1/4. N 31 W  
Centre of Peaks —

Station on S — S 28.

d e — S 85 W

S a — S 178.

N. Sandy Point — S 46 W

N. on Enderby h. — S 61 W

X a — S 73 W

2 Flat rocks on h. — N 54 W

Centre of U — N 78 W

Centre of W — N 68 W

Opening between Enderby & Lewis h. — S 52 1/2 W

a faint survey of Sandy Pt. at NW

Flat hill: compound of limestones of rocks -

at 12.55. Trench to the NW. in  $6\frac{3}{4}$  d. kelt NW NW

Station on S ——— South

. Sa

S 12 W

~~Cent~~ Platers from N 38 to N 52 W.

IXa

S 69 W

Flat rocks above thin joint open of NW.  
Abundance of Platers -

Like this thin lains below.

6...  $5\frac{3}{4}$ ...  $5\frac{1}{4}$ ... ..  $4\frac{3}{4}$ ... .. 1.20

Pler

W. Sandy Pt. on with a pl. having the appearance  
of S. <sup>right</sup> 129 W

1.23. kelt NW

. Cent of Platers ———

N 12 E.

. Station on S ———

S 34 ÷ 8

. IXa

S 78 ÷ W

. Cent of U ———

N 58 W.

. W. Pt. of X ———

N 60 W

at 1.59. Station on S  $4\frac{1}{2}$

. IXa

S 68

. Platers ———

S 77 W

N 108.



Cent of i Flat h? — 2000  
Can ~~U~~ — 2000  
Puck is lighter than in with N. & P. 2000  
of x

5 1/4 - 6 1/4 - 7 1/2

I over low low — 26 1/2 8

8 - 9 1/4  
Puck N. 39 W. } 8 1/4 fms  
Xa - 108 W. }

See on Bluff of S 5 fms - 179 8.

paving N. W. sandy h. 20 or 1/4 inch dist. 5 fms

4 - 4 - Carbon <sup>with</sup> h. and U — 200 W

paved N. W. sandy 10

4 - 4

1.68 m

Xa, a faint sun spring st — 200 W

4 fms - 3 3/4 - 3 3/4 - 3 1/4 - 3 - 3

Traced at 100 or 3 fms. <sup>to</sup> sandy bottom  
hardly in a line between sandy h. & N. & P.

Medwin Son R. H. Sandy h. 2000

Sa

Each

Xa

200 W

To. N. d. c

200 W

200 W

New in Embury 22

164 w

8. and low

1076

P. A

1276

Stand of S. 6

1148

L. H. Lowry Carb of U

1226

A Ready M. between part X - out

a ready m. l.

1366

another ready m.

1270

Part off X a

1270

5 - 6 - 7 -

Round Stone

1270

Bluff Stone

1270

1038.

7 1/4 - 9 1/4 - 6 3/4 -

at 1.55. base of EMs

6 3/4

Sand rising off in a grass desertion from  
Lowry N.P.T.



3.15 bore up 5/4

- Station on S ——— S 36 W
- N. end Lewis Is. ——— S 26 W
- Centre of A ——— S 20 W
- Centre of Q ——— S 17 W
- N. E. C ——— S 11 W
- F. J. Hill ——— S 3 W
- Centre of Peakers ——— N 46 W ~~S 46 W~~

3.26

- S. E. end on ~~the~~ S. side of an } opening } S 29 W
- S. E. end on S. E. I ——— S 32 W
- West side of opening being a little off
- of the Peakers ———

at 3.39

- Centre of Kabanin S ——— S 57 W
- N. E. C ——— S 18 W
- N. S. Pt. of an island ——— S 47 E
- Sandy Is. to W. ——— N 33 E

3. 50

- Station S ————— 863 W
- Platters ————— N 70 W
- X a ————— S 83 W
- Kien C ————— 20 W
- L. S. Land ————— S. 15 W
- South Pt. of I.° at least ————— S 28 E
- at the Sandy h.° at least least — at 20 E
- W. Pt. of I.° ————— N. 39 E.

3. 51. Kowling ~~at~~ up N. 28.

- Station S ————— 865 W
- Hill C ————— S 55 W
- X a ————— 802 W
- S.° Pt. of the isl.° set before ————— 812 E
- Sandy Bay ————— 820 E
- Ance. ————— 837 E.
- S.° Pt. of an island ————— N 75 E
- W.° Pt. of an isl.° set before ————— N 37 E.
- North-west Head ————— N 22 E

- 6. 17 Station S ————— 858 W
- Hill C ————— 823 W
- X a ————— 875 W

• A speckly h.° and pin-stone (1/2 mile) S 72 E  
 extending to the h.° in 3 patches, the W. side of the h.°



by the Mouth of Setarabawa

11 E

Station No 1

N 46 E

Northwest Entrance

N 21 E

Sandy Bay

S 5 E

Barby (1 1/2 miles)

N 89

at 4 1/2 m from Kufusong

Station S

S 5 W

Sta

N 74 W

Sta C

S 25 W

(2)  
at opening of Bay Pt (1)

N 63 ÷ E

4.44 Station on S

N 49 W

Sta C

N 4 W

Sta

N 69 W

S. Pt. of Id?

S 3 W

North Point. Do

N 85 E

P. Pt. of that

N 98 E

An Id? (center of) 1/4 mile

N 20 E

W. Point of ~~that~~ Long Is. —

N 35 E

Other entrance in New Id S. direction

at ~~the~~ lower end of B. Sandy Is. fr. N 55 to 63 E

in center of channel Bay —

at 5.5 Tacked to the NW in 3 fms -

- . h.v. a 1 Mile h 35 to 58
- . Back of a ~~h~~ h 65 1/2 E.
- . B Said to h 736.
- . Point 1 1 1/4 mile h 55 E.
- . Point 2 h 708
- . South P. of hl. South
- . Station S h
- . X a h 636

h.v.P. a on New P. Long. h.v. - h 408

- 6 Tacked to the NW
- . Station on S wrong
- . Hill C h 67 W
- . X a h 7 1/2 W
- . N. 2 h 63 1/2 W
- . N. 1 h 86 E
- . Centre of h.v. a h 79 1/2 E
- . Ranch h 65 E
- h 73 1/2 E

at 6. 25 - 12 1/4 -

- . Station on S h 70 1/2 W
- . X a h 58 W



- Pt. 1 \_\_\_\_\_ 585-8
- Pt. 2 \_\_\_\_\_ 574-8
- Center of a \_\_\_\_\_ 278-8
- Pack of Popit \_\_\_\_\_ 286-8
- Wend Long Hill \_\_\_\_\_ 255-8
- Land about Hill C \_\_\_\_\_ 220-8
- South Point of Hill \_\_\_\_\_ 20-8

11 pms - sand shells. - 12 1/2  
 at 6.29 - kept away N.W. for 2 1/2  
 inches -

13/4. - at 8.32 kept 28 -

6.38. kept 28 1/2

Thin beads taken in the dark are not ~~counted~~ <sup>are not</sup>

Rochon with Pt. 2 - alt 136-8

W.P. a on with Pt. 2 - 155-8

Wt. Pt. of 1. a on Pt. 1 h } alt 134-8

Rochon in skin of Pt. \_\_\_\_\_

8? Wt. of a on with inch - 135-8

6.5-2 Steadins to Elm - Copying

head a

alt 7. Young 33 1/4

7.8 288-75.

head a. abt. 128 W

Track beneath in  $11\frac{1}{2}$  at 7.73.

~~10~~ 11.  $10\frac{3}{4}$  . . .  $10\frac{1}{2}$  . . .  $10\frac{1}{6}$ .

~~10~~ 10. 9 $\frac{1}{2}$  - 6 . . .  $\frac{1}{2}$  at 7.27

Extremities of hd?  $\frac{1}{2}$  at 7.45.  $\frac{1}{2}$  at 7.28 $\frac{1}{2}$

hd? a (Center) abt. 118 $\frac{1}{6}$  8.

mark tide setting 160.

March 3 $\frac{1}{2}$  - AM at 1

hd? of  $\frac{1}{2}$  a. (at time nearly 1000)

2. Row by Pt. of which is a rocky reef.  $\frac{1}{2}$  142.8. to 7.57.8

St. Estrem from island, ~~of~~ 138 E.

(opposite Pt. 1. appears the W. Extr. head) 17 $\frac{1}{2}$  W

(on with and. Pt. to the S. M. of it also made

abt 2 17 $\frac{1}{2}$  W

hd? a from - 132 $\frac{1}{2}$  to 143 $\frac{1}{2}$  W

rising ampt. - abt. thin - head.

179.408

5.47 $\frac{1}{2}$

CON

79.40

48 $\frac{1}{4}$

50

5.48 $\frac{1}{2}$

79.50 as a prob<sup>185.74</sup>



Subpond Station S on W.T.A. S 42 1/2 W

Sandy clay B

116 1/2 to 5 1/2 W

Back of a

S 21 W

Mar. B

Lat 20.23.

79.47 8

18.68.30

April

7.60

10.8

~~7.18.49~~

7.18.38

58

7.17.60

7.28

7.28

60 → 1.4 - 7

7.35.28

7.35

82.24.32 8 1/2

79.47

10.60

648

239.32

7.28

240

60

1666

22.55.10.0

60

608

608

11000

82500

144,82600.0

720

1160

4152

8

58

Very irregular depth, always in, during the night  
from 10 to 4 fms.

Am. 5.55 Urights - Bottom rocky & out  
good L.P. - Mass sail 188 on the wind  
at 8.18 -

2 pts open of ~~P~~ West. Pt. of a. at 8.41 W

Channel to S. of Long Is.? sunrise at 8  
direction

11

At Pt. Long Is.? sand. to 18'. dit } 138 8  
apparently on same Is.?

At Pt. Long Is.? meeting of Mt. King } 136 8  
Hurry

11 1/2

2 surf points near V.P. meeting - 133 8

An Is. opening B.B.T Long Is. - 167 8

P. opening W.P. Long Is. - 155 8

2. opening of Long Is.?

2. B.B.T. opening of B.B.T. Long Is. - 152 8

W. coast of Long Is. rocky. Sea some boats  
sea breaking violently against it. <sup>off</sup>  
the W. Pt. projects a small bay of deep water  
each side of which are some water -



P. 1. Compound of a kind of eurycoloured stonies, with  
a blue repetition, amongst the - & terminating  
in some black rocks -

P. 2. Similar to P. 1. but with more repetition -

W. P. Long hill? low; early & tolerably even, with  
a gradual but trifling rise  
Sandy hill? B a very low flat sandy hill? with Boulder  
rite summit

Rock off a. or with its S. point — S 12 W

Summit of Long hill? or with the W. P. — S 29 E

T. 46  
Paterson, S.

hill? a.

S 36 W

—

S 11 to 16 1/2 W

B

W. P. T.

Long hill.

Summit

} — {

S 4 1/2 to 13 1/2 E

S 12 1/2 E

S 26 E

Extreme pt. (Peak)

S 48 1/2 E

Extreme pt. of end of Long Hill

S 48 E

T. 58. Somewhat 22 feet - sand, broken shell, &  
the 1/2 of a

S 11 1/2 W

W. P. T. Long hill?

S 12 E

For Chart: nights & days at 8 am

Winds of a ————— S 11 ½ W  
P: 1 ————— S 5 W  
Mound Long he. ————— S 11 ½ E  
Center of he. in dist. ————— S 46 E  
Summit of dist. East ————— S 31 ½ W

9.33  
Night 26

Point 1 ————— S 60 W  
Base of A (at) ————— S 12 W  
Station S (S) ————— S 36 ½ W  
At end of Long Is. ————— S 11 ½ E  
Land ————— S E  
Land at X (X) ————— S 55 0 W

N.E. T. Sandy he. B. Station with } 1 2 E  
N.W. P. Long head —————

at 10.51

Station S ————— S 37 W  
Center of a ————— S 22 W  
Point 1 ————— S 11 W  
N.W. P. Long head ————— S 4 E  
Mileans at. (dist from head) S 66 E.  
S.E. Cells of Long Is., or an island: height at 10.51 E



• Saw about 10 a

586 W

at 11. 23 fms - Saw shells & gravel.

Noon -

76.32.30  
- 25

Center of a ————— 15 W  
 Pt. 1 ————— 11 1/2 S  
 B ————— 111 to 19 S  
 New w Long Is. ————— 122 E  
 Extrem. of Is. ————— 18 - 8 S  
 Highest point Is. ————— 131 1/2 W

3.25 Station S ————— 125 W  
 Center of Is. a ————— 124 E  
 N. Pt. of Long Is. ————— 157 E  
 S. Pt. Long Is. ————— 159 E  
 Rocks ————— 157 E  
 Mound on Long Is. ————— 164 E  
~~Postmark~~ Extrem. of Long Is. — 150 1/2 E  
~~Postmark~~ ~~Extrem. of~~ ~~Long Is.~~ + West side of Channel — 148 S.  
 S. Pt. of Island ————— 12 E  
 Three Mounds of Rosemary Is. — 148 W  
 ————— 150 W  
 ————— 152 W

Center of bandy Hill? B alt - 418

For thin kush light Pole at 4.35

Station S 30<sup>1</sup>/<sub>2</sub> W

L° from Do. to right. to

• S end Rosemary hl? — 20.43

• New end Do — 26.96

L° from Station S to left

• To S. pt. of head — 27.54

• NW pt. of a — 46.10

• NW pt. do — 49.22

• SW end of B — 59.23

• SE end of B — 72.20

• SE pt. of hl? — 74.33

• West. Extension of long hl? — 81.55

• Rocks — 83.50

• New Point Long hl? — 87.3

• Hummock — 94.32

• SE Point Long hl? — 99.66<sup>1</sup>/<sub>2</sub>

5.30

An island opening N.W. pt. of long hl? - 1552.  
East end. - long 1<sup>1</sup>/<sub>2</sub>

alt. long 14 7/8 - Hum. 9 3/4 -

187.10 W at 6.9 P.M. - New End.

88.5

85.45

6.11



NW Pt. Long hl? on Pt. 1 ————— 122W

6.28-

- NW Pt. Long hl? on with rock ————— 133 1/2 W
  - Point-head ————— abt. 138 E.
  - S. E. extrem ————— 146 E.
  - Booy of Rosemary hls. ————— 159 W
  - Station S ————— 140 W
  - Centre of a ————— 138 1/2 W
  - High land over Long hl? ————— 110 E.
- haulies to the bins      Shortens sail  
to stand off soon for the high.

at 7.20 - 20 fms. fair dark brown sand & broken shells.  
8. Ther: 89 1/2

March 4. 1878.

at 1. <sup>00</sup> allowed 1 3/4 - 1 1/2 W - 28 fms. - wind  
- 2 - 1 1/4 - 1 1/2 E. - 26 - SW  
- 2.30 ————— 26 -  
- 3 ————— 1 1/2 - 1 1/2 E - 24 -  
- 3.30 ————— 1 1/4 - 1 1/2 E - 26 -  
- 4 - ————— 1 1/4 - 1 1/2 E - 24

South mt. of 3 hills with summit 1198  
Extremity of head B \_\_\_\_\_

Centre Hill on N.W. mt. B. \_\_\_\_\_ 119½ 8.

9. No. mt. of Sycamore hill? \_\_\_\_\_ 178W

Break \_\_\_\_\_ 157W

Hill D \_\_\_\_\_ 116½ W

Peaks \_\_\_\_\_ 1108

Centre of B \_\_\_\_\_ 1108.

Hill between B \_\_\_\_\_

W. part of hill? C \_\_\_\_\_ 1548.

E. extremity of high land \_\_\_\_\_ 122W

9. 58.

Hills clear of the W. end of hill B 1188

Hill D \_\_\_\_\_ 119W

No. mt. Sycamore hill. \_\_\_\_\_ 177W

Break \_\_\_\_\_ 170W

Hill C extending from S. to N. 1688

10. 50.

No. end Sycamore hill? \_\_\_\_\_

Break \_\_\_\_\_

167W  
at N. end



• Hill D

125½ W

- E! Extrem of high land beyond -

142 W

from whence it takes a southerly direction

towards Hill D

• 2 Peaks

120½ W

• S! end of B

133½ E

• West end of B

124½ W

• N! end of C

169 E

• S! end

157 E

• Peaks

160 W

11. 4 am.

• N! end of Sycamore Is!

166½ W

• Hill D

132 W

• 2 peaks

120½ E

• S! end of B

134 E to alt. 28 E

• N! end of C

120½ E

• S! end

160 E

• S! extremity of high land

145 W

11. 40

• S! Kalkoche on S.W. Synonim Is.

119 E.

Peaks on New Is!

167 W

Peaks

16½ E

Hill D

153 W

We end of C

1728.

Blacks on with opening at S.E. pt. } 1798  
Lynxore R.

noon. West. alt. W. King - 76.3 50  
- 50

• Mile D

134 W

• Peaks

11½ W

• B

S 32½ to 148.

• S.E. pt. of the hd. Lynxore

1128

• We end of C

172½ E.

• We end

463½ W

• High Land

160 to 46 W

• Land visible from the deck as far as 540 E.

Rate - 16½ - 15¾ - 15, 16¾ at 12. 50.

kept ~~17~~ 188 to the 12. 40 then landed up 180. 1. 1.  
to the 12. 54 then steered 188.

S. pt. hd. B on with an island - 127½

Sandy pt. N.W. Lynxore

lands with an opening

13½ W



Mile D highest part above 2 Peaks, S 39° W  
NW Pt. S. L. Lyndon — S 61° W  
No Pt. S. C — S 77 E  
Dist. Kila on with S 8 pt. Lyndon S 18 W

Center of  
Kila on over S: N of B —

at 1.18 kept. S 8 - Spring 3 knots —

Kila on S 8 pt. — S 35 1/2 W

S 8 pt Lyndon on 1/2 S 8 Kila on D — S 37 W

Center of Kila on or Pt. of Ruby in lat } 200.  
off B —

Kila on S 8 pt. S. Lyndon S 43 E.

Kila on center of Ruby to — S 48 W

S: on open Mt. <sup>(H)</sup> on N: on B — S 39 ~~W~~

9 3/4 at 1.40

Ruby on S 8 pt. B

S 8 pt. Lyndon — S 94 W

S 10 1/2 S

I on the end of B  $10\frac{3}{4}$  SW

South of D the land trends in to a thicket  
in N direction -

10 $\frac{1}{2}$  - Alling course occasionally to round  
thick as B -

at 1.69 lands up from S.W. to S.W. to  
with an appearance of thermal water, extending  
from S. N. of B.  $10\frac{1}{2}$

Reaching Don New end of B  $10$  S.W.

1.53. Lands up S.W. to S. & then East. 9

at 2 feet. 97

~~at 2 feet~~

of the Reef. 48" end of B. on } - 168  
with Miracles -

7 $\frac{1}{4}$  - 7 $\frac{1}{4}$  - up to Emb. 7 $\frac{3}{4}$  -

8. - : Remains off to E. 5 by degrees at

2.9. - 10 feet - 10 - then E.

10. . . . .

I over center of B.

1526



At 235  $9\frac{1}{2}$  with canal and ground stone

Down south Center of B ————— S 5610

$9\frac{1}{4}$  -  $9\frac{1}{2}$  -  $9\frac{3}{4}$  - 10 -  $9\frac{1}{2}$  - 9 -  $9\frac{1}{2}$  - 10  $\frac{1}{2}$  - 9 - 11

11  $\frac{1}{2}$  .

Lower S. end of B. ————— S 5810

11  $\frac{1}{4}$  11  $\frac{1}{2}$

Down S. end of B ————— S 6113 solo

11  $\frac{1}{2}$

Down with entrance of inlet off S. end B ————— S 6110

Peak of D on west rocks S. W. S. end of B S 6110

C. & S. S. B ————— N 6110 & S 6110

C. & S. S. of S. end B ————— N 6110 & S 6110

Down M. C. ————— S  $7\frac{1}{2}$  W. & N 7110

C. & S. ————— N 6110 & S 6110

Thin Kelp at 4.52 N 47 E

Center of C \_\_\_\_\_

Center of B \_\_\_\_\_

D \_\_\_\_\_ N 72 W

Point N of G \_\_\_\_\_ N 78 W

Theming between G & H \_\_\_\_\_ N 87 1/2 W

H \_\_\_\_\_ S 58 W

Between \_\_\_\_\_ 123 E

Theming between H & Land to the South. S 39 W

S. end of C \_\_\_\_\_ N 55 E

Land apparently similar \_\_\_\_\_ S 63 E

A point \_\_\_\_\_ at S E

at G \_\_\_\_\_

3 Miles \_\_\_\_\_ S 57 1/2 E

H \_\_\_\_\_ S 55 W

I \_\_\_\_\_ N 12 W

J \_\_\_\_\_ N 5 1/2 W

minor light with cloudy weather  
South by West 7 1/2 fathoms. wind N.W. No ship of  
line - true. 88 -



In Redwiler Book for Neen<sup>er</sup> of Jays

March 5. Am  
found here opens of 1. P. H.

166w

For Keeper - at 7. 34

N 37 1/2 W

See D

N 40 W

Three blackish

N 46 W

Full G. I.

N 54 to 166 W

H from

N 30 1/2 E

Island C

N 23 1/2 W

Robert Geoly's

" { 25 } W  
   { 30 }  
   { 36 }  
   { 42 }

4 Hells. No. 1. 2. 3. & 4.

P. R. out the extreme -

S 74 E

water S. 1. No 3 (M)

S 01 1/2 E

hill of N: C

N 332. NW

~~N 332. NW~~  
N 332. NW

8. 38. kept E. N. E. 8. 50. Wind very light.

Shuffled to the west - 9. 7 1/2. beyond and  
scarcely steering - for Gallows - 2 E. N. E. west  
S. E. N. E. S. E. N. E. S. E. N. E.

N: C on side 1  
8. 8. E.

{ N 34 1/2 E  
   S 34 W



10-20 fairly 2 knots -  $8\frac{1}{2}$  -

B & Killochs in a line - alt N  $18\frac{1}{2}$  W -  $118\frac{1}{2}$  L

$8\frac{1}{2}$  -  $8\frac{1}{2}$  -

at 11. fairly 2 knots - emb stem 8 38. -

$8\frac{1}{2}$  -  
11.

Center of Killochs

$114\frac{1}{2}$  L

P. I.

$132\frac{1}{2}$  8

O. K.

$147$  8

Extreme of land

$169\frac{1}{2}$  8

Center of NI

$189$  8

Mouth of C

N 198

New end

N  $15\frac{1}{2}$  8

S end

N 248

Center of B

N 244 W

NB end Gudeys he

N 65  $\frac{1}{2}$  W

North D

N 66  $\frac{1}{2}$  W

G

N 70 W

HE from

N 76  $\frac{1}{2}$  W to S 68  $\frac{1}{2}$  W -

Wh 1

S 42 W

— 2

S 43  $\frac{1}{2}$  W

— 3

S 45 W

— 4 - striking in behind 3

S 46 W

Ed<sup>n</sup> in Bay ————— N 27 W  
Slight in sight of the Bay ————— S 31 W  
8 fms —————

D on with ~~center of~~ NE Extension N 67 $\frac{1}{2}$  W S 67 $\frac{1}{2}$  E.  
8 fms

Center of B on with 0 ————— N 31 W S 31 E  
8

I on with Kiliwicks ————— N 5 E

Summit C on Kiliwicks ————— S 4 $\frac{1}{2}$  W N 67 $\frac{1}{2}$  E  
11.47 kept Wn

No. end of ~~Center~~ C heard ————— N 2 E

ht<sup>t</sup> extension from N 5 W to N 9 E.

A reef running off it to the east as far as the

D heard ————— N 76 W

West. alt. under Kiliwicks ————— 75. 30. 30  
— 50

Center of Kiliwicks —————

Center of NE

No. end C

— S 11 W

— S 74 E

— N 20 W



- C. Cent B          ✓ N 66 W
- D          ✓ N 77 W
- G          ✓ N 80½ W
- Opening in hills in dissection N 83 W
- H          from N 84 W to S 68 W
- Isles - 1. ~~E~~ ✓ S 46 W
2.          ✓ S 48 W
3.          ✓ S 57 W
- Dull of Bay almost open ✓ S 12 E
- Evening of the Land ✓ S 57 E
- K          ✓ S 30 E
- M contains an L of about 9 Dykes
- Spring 4¼ - 7¼ fms - ~~Mag~~ 0½
- on blue see bears E & N and
- Miracle Cornith. S 8 ft. bears - N 22 W
- P Rocky Island <sup>Cape Lambert</sup> on N 8 E by 45 from K  
between ~~S 8 E~~ <sup>Cape Lambert</sup> & M is a reef among  
amongst & therein shell half way  
among
- M is a low sandy S. c. with  
grad. highest at its North end {
- 12.33 also comes to East -
- P on with rocks between M & main S 35 E

W. end C on <sup>Cape Lambert</sup> ~~off the~~ main sea K { N 29 W  
10 1/2 pm - regular in sailing - { S 29 E

S 1/4 C. no end — 931 W

M Centre — 146 E

Killicoaks — 126 W

2 hrs to 9 1/2 - 9 3/4

No end C & Rocky S° P — { N 32 1/2 W  
S 32 1/2 E }

I shut in S. end M

P 4<sup>th</sup> - No. end M. — 129 E

No end M a reef of rocks sum of 2 of which  
are above water -

~~Point~~  
Point

of C in a line with centre of P. N 76 1/2 S 38 E

a point

Sea Id. opening of the W. end of K S 20 1/2 E

Point of S. Y

A point, on with N. end of K — 119 E

W. end of hl. P. opening K — 115 1/2 E

W. N. M on K — 116 E.

Breakoff M on with Rocky P — 126 E



Shoal coming in N. direction from NE  $\frac{1}{4}$  c  
mch

at 1.25

Center of M

S 23 W

Shoals & Rocky N. on with it -

S 42 W

C

N 44  $\frac{1}{2}$  W

D

N 83 W

S. end of H

S 92 W

F

S 20  $\frac{1}{2}$  E

Head of  
Mch

S 28 E

Rocky off NE

S 9 W

Rocky E.

$\frac{1}{2}$  mch

Anchor

$\frac{1}{2}$  mch

S 2 W

Sandy Pt. (which has a long ledge of  
rocks)

S 11 E

Southern  
Bastard

S 14  $\frac{1}{2}$  E

Shoals on with anch, between ND & R ~~S 44 W~~  
S 44 W

W end M on ~~at the~~ hills

S 63 W

Amulet

S 73 E

Approx true center M

Act D

S 58 W

N 75 W

Rock on with S. end of NE

S 70 W

Center of S. end of H

Line 3 on No end M ————— N04W

No. end M on G ————— N01W

No end M. o D ————— N77½W

2.28.

Center of M ————— N62½W

P ————— S108.

P extends in mags from the stone to S.E.

3.25

Center of -ME ————— N67W.

Hyd law of D ————— N78½W.

P ————— S30½W

Rock S.E. of it ————— SW

Blanch Hill ————— S35W

Bluff ————— S108

Round Hill to the S. of it ————— S178

Center of Dist. Mass. ————— S83E

Low land extending to about S008

Island Hill —————



Rock P or Black Hill

S 66 W

6.42.

Island NE

N 80 W

P

S 75 1/2 W

Black Hill

S 83 W

Bluff

S 9 W

Round Hill

S 4 E

Nearest part of the low land (alt. 200) S 8 E

Center Delambre Id.?

S 78 E

High land

S 67 E

Low land extending to about

EH

5.15 -

Black Hill

S 70 1/2 W

P

S 79 1/2 W

Bluff

S 113 W

Round Hill

S 5 W

Delambre I.?

S 80 1/2 to N 88 E

Low land as far as

S 80 E

High distant land

S 64 E

Now marked - as N. on with height of

Delambre Id.

N 79 E

6.8 - hauled up. Wt. 6 1/2

Delaware I? from 2792 to 2792.

Extent of Main land from 2772

Right land on the Main — 2565.

Nearest part of the Main 2588 to Point  
at a width of 3/4 cut? —

4 1/4 . . . 4 1/2 . . . 6 3/4 . . . . .

. . . 6 21. . . . . home up end - 4 3/4 . . . 5 -

. . . 5 1/4 . . . 5 3/4 . . . 6 . . . 5 3/4 . . .

5 1/2 . . . . . being 4 3/4 - 5 1/2 . . . 5 1/4

5 1/4 . . . at 6.37 & in 5 1/4 feet

brown sand. . . . . went to 18 fms.

Delaware E by - S by - 1 3/4 Wick -

From 27? at daylight March 6th.

Extreme of Delaware Pt. 2718 - 2872

A low int? — 257 to 766

2718



March 5th 1878

5 am. Tide setting about  $\frac{1}{4}$  mile an hour  
to the NE. - depth  $4\frac{1}{4}$  fms <sup>standing</sup> bend  
slight round from SW to South (end) <sup>end</sup>  
cloudy - 5.30 hour in to 8 p.m. &  
crossed the Mainail.

Keenys Gun Laze

{ East low end of Delamater 1. 48688  
West end. 473  $\frac{1}{2}$  8

{ S. end of low he: 4808  
W. id 464  $\frac{1}{2}$  8  
West of rocks off Do 4598

Breakers among off Do from 457 to 47 8

Subant Low high 456  $\frac{1}{2}$  8

Nearest part of the Main low abt. South

Extending in an S. E. West direction

System from Delamater Id? abt 2 miles  
westward

March 6.

at 6.10 bought. carbon lathe took  
wore round to the N.E. - at 6.18 laid  
up E.N. - went from J.E. - heavy cloudy  
thick weather to the S.W. -

4 3/4 - 4 1/4 . . . . . 5 . . . . .

thick in X on Brit? A - L 1378

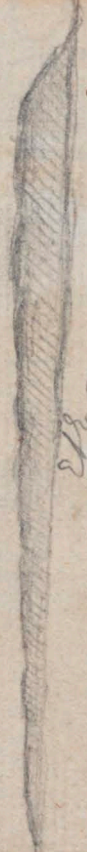
8' in X on 1' in Delaware - 1548

6.60

low land area 8' in Delaware } 8 1/2  
heavy alt. -

thick East, directly on for the opening  
between Delaware R. & D. -

thick Delaware R. is pretty high when mined  
from the water? has the appearance of a long  
ridge, sloping off to a fine point then.



5 . . . . . at 7. 6 1/4



Dist. Land area center of an opening } 120  
between 2 hills? (land) } 5 ft.

Low land opening of new Pt. of } est. 187 E  
Delaware h. } 5

7-17 = 5 1/2 - being above? East 1 1/2.

8: no Delaware — 1478  
W. end — 178

Island ~~Y~~ Y, with dist. land below, at 1150  
W. end of X. — 1370

W. side of Delaware runs north

W. side of Delaware a bluff side

Island, to East. — 1818 to 1878  
The Eastern side of Delaware runs  
in NE to W direction

~~Low land extending to the East~~

~~Low land extending outside of East~~  
W as far as  
I know farther —

Rings off I. Westward of Cape Horn ~~1818~~

(Detached)

On the river S. Delamater was Bay the  
P<sup>ts</sup> of which on with into the bay  
about SE. by estimate

44<sup>th</sup> and Delamater brought a land  
bank

7.13 Cross pointing following story

shortened sail took in 2 reefs. opt. Mainst.

Had 200 pounds of the 7<sup>th</sup>

7.30 Had about the sized main sails

7.37 - Cape Horn pointing motion. Alt

18<sup>th</sup> Delamater 10<sup>th</sup> 21 $\frac{1}{2}$  1

8<sup>th</sup> end

498

High end

127 $\frac{1}{2}$  8

18<sup>th</sup> and Delamater 10<sup>th</sup>

1200

12<sup>th</sup> - 11

1230

12<sup>th</sup> end X

1622 to abt. 1818

young 1818

1460



for 7 allowed  $\frac{2.0}{2}$  Ebb  
Sat.

We. end Delambre on Dist. hpt low. 1288

W. low soundings by a reef of Rocks, above  
water on many places - sea breaking over  
them very heavy - extends upon 1/2 of mile  
from head

at 7.45. 3/8 East towards E.M. -  
tried at 8 3/4 of morning -  
going 8 3/4 - . . . . . 4 3/4  
4 1/2

A. Brechin going 1/2 from S. W

4 3/4

1 mile from W =

W. end of Delambre - 1136 4 1/2

Chain of water running North from above  
W =

4 1/2 - 4 1/4

at P. - Center of W South 1 1/2 miles

Spring 8 3/4 -

low land behind W extending to the

Earths? abt. 2 miles from it -

Strong brown Argillaceous -  $6\frac{1}{4}$  -

Took in presence, found the 2nd job  
a third in -

High land clear of d. in Wat. 188 ft

for 8 allowed  $\frac{3.6 \text{ East}}{1.6 \text{ ENE}}$

$4\frac{1}{4}$  - winds SE -  $8\frac{1}{2}$

at 8.15 bore up No.  $4\frac{1}{4}$  -

Center of ~~W~~ - abt. - 112 W

Highers part of ~~W~~ abt. 170 E.

~~at 2 1/2~~ No. in Delaware (detached) - 150 W

~~abt. 1.5 on X~~

abt. 1.5 on X - to abt. 123 W

abt. 1.5 on X - 155 W

Answer strong Argillaceous - probably as  
the same core - with thick heavy water

$4\frac{1}{4}$  at 8.20 -

Center W on S. in Delaware abt. ~~125 W~~  $125 W$

5. 6. 6 d 5. - at 9  $4\frac{1}{2}$



at 9. grey / hand.

83.6 East  
3.4 ENC.  
95.6 WE.

The low tides abt 3 miles within  
V to the East at the back of the  
distance of 8 or 9 miles the sand hills  
mound are very irregular in their  
shape. Many abt 400 of Henrys  
had from our knowing the low  
Coast of the main to be so near to us  
I the very shallow water we are in  
4  $\frac{1}{2}$  to 5 fms - make no conjecture  
that no opening to land exist  
After weighing this morning we looked  
a day 1<sup>st</sup> about 100 yds on the shore  
called Salsandra. Henry I I have no  
idea but it is a high - rocky  
off to the NW from the highest part  
SW. The height are 3 islands &  
to the East of it abt 2  $\frac{1}{2}$  miles is  
the main W - to the land of the

along low sandy N.W. V.

at 9.12 -

V Center

South

Delambur (depth)

NW

Right hand of V

at Sack's

Cent of high low on the main - 188

for 10 alluvial silt & sh.

at 10.6

Center of V low South -

Center of Delambur (depth)

NW

Low low on face on ENE

Dist<sup>n</sup> of present part 4 miles. 188

trending in an Ebb direction -

at 11.60 attend cause to height

Low low being. East from

present low - a ~~shore~~ assembly

from N.W. to East - present part

1/4 mile off



noon - Went all - 75.24.30

at 12.45 lost sight of the land from  
the Deck bearing 182 $\frac{1}{2}$ .

at 1.10 lost sight of the <sup>off the</sup> land to the  
S.E. from the Mast head -

at 6th

for 5 allowed North 6.5. View 20p

- 6

6.4 New 85 $\frac{1}{2}$

strong breeze to equally cloudy weather -

AM March 7th -

1 3 0 North 18.

2 2 6

3 3 -

4 3 4 -

AM - moderate with  
heavy clouds with  
a drizzle from the South  
at 2.48 pm. found  
to make spare stores -

83 $\frac{3}{4}$

6.30 weather with  
lighting from the N.  
at 8. Saw for  
land. In the distance  
with to find him -

88

82 $\frac{1}{2}$

5	am	7 <sup>th</sup>	North	East
6	5	4	"	"
7	5	6	"	"
8	6	"	"	"

Fr. Meyer & Co.  
light 6 in east  
at 8. Fr. Meyer  
H. City -

83  
84

Dec. 7<sup>th</sup>

1	4	2	North	East
2	2	2	North	"
3	2	4	"	"
4	1	4	North	"
4	1	2	North	"

Fresh breeze with a swell  
from the East -  
1.30 Altitude w. to N.W.  
at 3 o'clock to 1.30 pm  
breeze with 55 pm - note

86  
82

9	1	6	North	East
10	1	6	"	"
11	1	4	"	"
12	1	"	"	"

4 Fred. from below

East

Moderate & heavy dew  
with light breeze  
wind - at 8. 20. 4  
from  
this forenoon & on  
Columbus -

83-85

83-85

at midnight light breeze  
delivered, but clear  
overcast - 2 miles



Day	Time	Course	Wind	Sea	Remarks
1	6	N 6 E	E 6 N	$\frac{1}{4}$	1 am 60 fms NW Bottom - 2.65 mo
2	1	-	-	-	Bottom - Light water and cloudy at 3 - 60 fms NW Bottom 3.40 wind shifted to E. at 4 - Light winds and cloudy with lightening from the NW 65 fms NW NW Bottom
3	1	-	-	-	
4	1	-	E 6 S	-	

Apr - 8 <sup>th</sup> -					8.40 Rain cloud over a brown spray of fog N. East? - bit main 12 <sup>th</sup> jkt.
9	2	from NW			
10	16	N 6 E	<del>81</del> 81 $\frac{1}{4}$		Caught a blue shark measuring 10 feet in length -
11	2 2	-			83 $\frac{1}{2}$ fms. No wind Cloudy but fine - Performed similar dive.
12	3 4				

Plu 8th March

7 - 1 - NW - EM -  
8 - 1 - 2 NW - ? -

S. Light breeze & cloudy  
with the horizon, with  
faint lightning to the S.  
NW?

Am 9th March -

5 - - SE to East  
6 - - SE to East  
7 - - South to East  
8 - - S to East

Am - Calm, & cloudy  
breeze to the East?

79%

Employed in the hold -

84 S. Calm & fine, but  
cloudy near the horizon

Plu - 9th

5 - 4 SE to East  
6 - 6 ENE -

at 5.30 hrs forenoon, with  
100 fms of rain - no bottom  
at 5.30 hrs S. Light breeze & cloudy  
weather.

1 - 4 SE

Am 10th: Light airs inclining to calm  
with the breeze blowing west - to double  
from the S. at 11. - No bottom  
at 2.30 with 100 fms -  
4.30 with 115 fms - Light breeze  
& heavy cloudy west, with lightning  
to the North. 10th

2 - 4 SE

3 - 6 SE

4 - 6 East



Beaufort.  
Sitting Camp. March 10<sup>th</sup> - 1888.

586 W 6. 1-20 J M  
86. 15 6-2-10  
89 6-3-15  
87- 6-4  
86 6-5

Pkts.	10 <sup>th</sup>			
9	1	4	W <sup>1</sup> / <sub>2</sub> N W <sup>3</sup> / <sub>4</sub> .	Light breeze, with cloudy mist, near the horizon, & clear ahead. —
10	1	4	—	83 <sup>3</sup> / <sub>4</sub>
11	1	4	—	
12	1	2	W.	Mount. — Light breeze, cloudy to the NW & West? — water to the East? — No bottom with 80 fms.
Am.	11 <sup>th</sup>			
9	1	2	EWS	Light breeze of fair. — Clouds hanging on the horizon but broken altering wind sail
10	1	—		
11	—		Calm.	
12	—		—	88. Noon. Calm & fine weather.

Plk. 11 <sup>th</sup> Match	at 6.30 - 175.
7 - Madrasd the	
8 - Compas. East? - 88	8. Light baffling air in - clearing to calm, with firm weat. to late down the horizon -
am 12 <sup>th</sup>	
5 - - Head	Calm.
6 - - from	82 $\frac{1}{2}$
7 - - W to	
8 - - NW.	86 $\frac{1}{4}$

Ring amp. on hemisphere -	Kniff's syphs -
83.60 2. at 5.50 $\frac{1}{2}$	Madras NW
84.5	5.52
89.5 Wat	5.57
87.55	WMA. Mad
88.10	
87.45	6.0
852.55	
888.13.45W	
am 12 <sup>th</sup>	
1 - S. to 858	Calm
2 - 2 unno	83 $\frac{1}{2}$
3 - 6	
4 - (unno) to NW	Calm. 83

am - Calm thery  
1.30 cloudy m. with a little to  
NW? P.S. - a light breeze spring of  
from NW, more to the N.  
at 2 $\frac{1}{2}$  - 110.  
4 $\frac{1}{2}$  - 110 - Calm. & cloudy heavy  
weather.



Dec. 1<sup>st</sup>  
 2 4 East - South.  
 2 2 4  
 3 2 S.W.  
 East

Light breeze from clear west -  
 a long swell from the westward  
 at 2. 210.

4 2 6 - 89 at 4. Disturbance

Taking up on barometer - March 13. 1818.

189. 30 W at 5. 58  $\frac{1}{2}$  Mad 2th -  
 89. 30                          b. 1  
 89. 0                                2  $\frac{1}{2}$   
 88. 10 (next to pond)

Dec 13<sup>th</sup>  
 9 1 - East. 198.  
 10 - 4 W. 88.  
 11 - Head to Calm -  
 12 - W. 19.

16. Light airs evening to calm, with  
~~light~~ west to the NW. Took in the  
 pt. to tail of gaff to sail, stored at  
 the tail of the main sail -

18  $\frac{3}{4}$ , 12. Calm. Thick heavy mist -

Dec 14<sup>th</sup>  
 9 2 2. East. 140.  
 10 3 2  
 11 3 2  
 12 4 - -

at 9. Freshening breeze from west - set  
 the square sail, courses to main yard, set  
 the sail, took part sail -

86  $\frac{1}{4}$  - -  
 12. Calm. Mist. of fine -  
 46 53. 2

at 4.30 saw breakers from West head, West. East... very high  
at abt. 5.20 P.M. March 14. }  
West. abt. C? U.L. }  
Ra. 46. 20. 30  
Beaufort 21.30

at 5.30. Breakers bent. from S.S. to N.W. -  
hanks to the wind, at S.W. three two.

Three fountains with 180 fms. no bottom.

at 5.45. Breakers from S.W. to N.W. about 3  
miles dist. descending. And falls in a long &  
narrow ridge. - No point was visible.

Why: but for it would appear that the rocks  
could not be much below the level of the  
sea, by the continuation of surf - East

from our situation, but from 2 to 3 miles  
to the East. of the reef, some striking rocks above water  
is ~~seen~~ <sup>seen</sup> and <sup>was seen</sup>.

then from S.W. to S. to O.P. then tacked to the  
West.

at 16th

7 1 4 10th

8 1 4 10th

at 8. Light breeze from West.  
at 8.50 S. Lightning to the S.W. S. and  
a double from the S.W.

being and 10th

186.10<sup>th</sup> at 5.50 am. Head 168

95.30 - 5.51

171.40  
85.50 or 5.50 am



Jan 19  
5 - 1/2 Wadsworth - 1/2

6	2	8 1/2
7	6	8 1/2
8	4	8 1/2
9	4	8 1/2

at 5.10. Filled. Started to the South. 5.53. bore up. 20 ft. hole. 1/4 lateral.  
 at 7.13. Allowed course to East. 7.50. Saw water from the West. bore from N. to S. - headed up. 1.5 ft. measured water - 8. North to spine out.

18th. West. alt 0' 22.5. W. Ky - 74. 27. 20  
 Ann. Barren 74. 34. 0

Barren hunt. from ~~SS. W. N. to N. 20~~ <sup>Ran</sup> 74. 37. 0

- at 12.16. bore up. W. N. - 1' extreme of the head
- 1.24. - Paper through ripples. 1' patch of greenish soil
- 12.35. The middle of extreme of the head bore 1.2' W.
- 1.5. 1/2' extreme of the head bore 1.2' W.
- 1.16. headed up to East -
- 1.35. bore to the South. 1/2' end of the head bore -
- 1.58. filled. 1' head East -

1884 15<sup>th</sup> March

5 3 4 East. 10-11.

6 1 4  
4 2 E.H.

at 5.15. Saw Breakers from the  
West head to the E.S. at 5.20 the  
Breakers extending from S. N to North.  
2 Miles dist. Hauled up E.H.

5.50 Took in the top sail - 5.58 Took in  
the spinnail - 6. Most of them hauled  
to the wind those two st. took. had  
for down. - my bottom with 175 fms.  
No. end of the sheet over the aft. 1/2 mile, &  
S. end 1/2 mile, S. 2 miles dist. 1/2 mile, &  
Sun at 5.15, at 5.22 miles

at 5.20 The Breakers  
dist. extending from S. N to North, in a  
direction - hauled up E.H. 5.58. in square sail.

188. 10/10 5.50 Has Ebb } bottom good  
87.0 5.0

at 6. No. end of sheet North at 7 miles. S. end  
at 8 1/2 2 miles dist. - Same too, then for S. 1/2 175

went. alt. 6° 22' W. by 44.58. 0 or 58.20

at 6. 20 Filled, took in gaff top sail, &  
stood on starts. took under main sail  
with tack triced up, jib. fore sail



1 / 4 16<sup>th</sup> March  
 2 2 2 2 - 84  
 3 2 - collected  
 4 2 2 4 8. 1000 84

1 / 4 16<sup>th</sup> March  
 2 2 2 2 - 84  
 3 2 - collected  
 4 2 2 4 8. 1000 84

at 3. Tacked to the South?  
 4. Fresh brown. Heavy with  
 with a clear sky washed  
 dark from the SW.

9.10 am. 1<sup>st</sup> end of breakers bore North  
 Wt end - (2 miles) W. N.  
 From the West end, the shore extends in a line  
 of breakers to the East, from where they  
 appears to be a Westly direction. On the  
 1<sup>st</sup> end an 3 small rocks above water  
 the of which being nearer to us than the other, appear  
 much the largest. - Several other smaller ones  
 made their appearance in different parts.

at 9.37. 1<sup>st</sup> end of Shoal bore West.

1	7	noon.	
2	7	4	89
3	7	2	
4	6	6	

4. Fresh brown. Heavy with  
 a haze on the horizon.

16<sup>th</sup> March

9 3 10.00

10 4

8 3/4 10 Wind falling away.

11 3 4

Moonlight. Moots here cloudy

12 3 2

8 4 1/2 water

Apr. 17<sup>th</sup>

9 5 4 10.00

10 4 2

at 10. Set even topmast shroutrails

11 3

11.50 Set topmast shroutrails

12 2 4

8 1/2

noon: light winds from, but rather heavy. —

17<sup>th</sup>

7 3 4

10.00

at 6.45 Shortened sail to the mainw. with back trices up of jib

at 10.00

6.50 set forestay rail & hoist too with topmast head to the W. —

8 3 6

8 5

for sound. 1.50 — 7.7 killed stopped the main rail to starboard side.

7.40 Tack in the fore sail

8. Moots & heavy but fine weather.



5	am	W	at 5.35	Wm. Home up RR. set squaresail, & cast. stop sail. Took in the foresail. Mist thick / cloudy heavy mist.
6	2	W	84	
7	6	W	85	
8	5	W	85	4.45 Tanned sails. - 5.30 In tanned stepping sail. - 5. Light breeze & cloudy mist.
9	4	W	86	at 5.30 Took in lower studding sail top sail stop gall. sail. - 5.45 rounded to, <del>on</del> on start? took. tried to round with 210 fms. no bottom. - 7. Yellow. & lone ad. <del>RR</del> RR 7 S - and on Main sail, <del>RR</del> squaresail, gaff topsail, & jib. -
10	3	W	84	Darkening breeze, with heavy cloudy weather. Lightning - at 2.30. Home to, with head to the <del>west</del> Westward - fuchs the squaresail - stay haul for the
11	2	W	83 1/4	at 4. Fresh breeze, <del>RR</del> by cloudy weather, with much lightning to the <del>west</del> Westward. - Sailed for bound. 160.

1	19 <sup>th</sup> March				at 1.30 hauled up the square counts to. Head for bands
2	6 4 3 0 1 - 1 -	W 80% NW 20%	85%	1.50	at 2. Paper through a flock of brown coloured sea birds
3	6 4				4. Fresh breeze and thick cloudy weather -
4	6 2	WNW	85%		
5	19 <sup>th</sup>				
9	6 2	ENR. WNW			
10	6 6	NW 80%	83%		at 11. Home too with furnished be winds. - Fair for bands
11	6 4			55	as before
12	6 4	WNW	86%		at 12 Midnight. Fresh breeze 50 fms. - Fair for bands 4 fms. - equally cloudy with
13	3 4	ENR. From			
14	3 2	WNW 80%			
15	3 6				
16	4				



7 6.	EMR	WNW	83	8	Fresh Breeze blowing unsettled weather.
8 6.		WNW			
AM 21 <sup>st</sup>					
5 4 2	EMR.	WNW		5.10	hooked the jib of the Mainsail, & filled the jib.
6 5 6			83%	5.30	set spinnaker. Hoisted out all slips of the Mainsail.
7 5 6				7.	let go top sail.
8 6.		NW-	83%	8.	cropped to main. hauled up the <del>main</del> spinnaker, rounded to. & bounded in 1/2 of green mud. 8.20 filled Held greenail.
9	up NW				
AM 21 <sup>st</sup>					
5 5 6	EMR.	NW.		5.45	took in stays of main, furler the topgallant, & took hauled up the spinnaker. Hoisted top. Hounded in 60 fms, coral fine sand, & shells. - at 6. filled. hove up EMR. Huk greenail.
6 3 2					
up NW					
AM 22 <sup>nd</sup>					
1 4 2	EMR.			at 1.20	filled coral sand shells -
2 4.				2.45	2.45
3 4 6				2.50	2.50
4 4 4				3.00	3.00
				3.20	3.20
				3.30	3.30
				at 3.26	4. Moderate blowing with lightning all said time round.
				at 4.24	

Feb 22	March			
1 3 4	East NW			at 1. attend Courm to S <sup>W</sup> of S 1. 10 wind shifted to WSW
2 6 4	8 <sup>1</sup> / <sub>2</sub> S	W 8 <sup>7</sup> / <sub>4</sub>		1. 10 wind shifted to WSW 3. a dark squall with rain rose in the WNW, & poured into to the S. at 3. 30 a pouring shower of rain. - 4. Most green & cloudy. a South windy as H. Margin. Look in extent lower than usual a swell from the SW.
3 5 4	W 8 <sup>3</sup> / <sub>4</sub>	at 4 25 Cool		
6 5 2	W 8 <sup>3</sup> / <sub>4</sub>			
9 4 -	8 <sup>7</sup> / <sub>4</sub> S	W 8 <sup>3</sup> / <sub>4</sub>		
10 4 6	—	at 10. 37 80 <sup>+</sup> greenish the main.		at 8. 40 wind shifted to the S. with much rain, now lightning, & thunder - Gyps looked at the main. - took in foremast sail - 9. 10 set fore stay sail. - weather clearing up - light windy. - 10. 50 wind shifted to W. - thinning sails. Down windward to stowage - at 11. 30 a heavy squall of rain - sawaburats Mont. Most cloudy - fine sails as requirts. —
11 4 -	W 8 <sup>3</sup> / <sub>4</sub>	at 11. 34 sawaburats		
12 4 6	—	81 W 8 <sup>3</sup> / <sub>4</sub>		
Feb 23?				
2 5 2	8 <sup>7</sup> / <sub>4</sub> S	W 8 <sup>3</sup> / <sub>4</sub>		at 8. 40 set topmast & lower mast sails - at 9. sawaburats sawaburats EBN - 9. 50 attend Courm to S. - 10. 40 pump started topmast sail. sprayed. flowers in topmast. - 9. 33. The of the foremast to take a sail as before - attend to S <sup>1</sup> / <sub>4</sub> S. thick sails - most squally with rain
4	8 <sup>6</sup> / <sub>4</sub> S	83		
10 2 0	8 <sup>6</sup> / <sub>4</sub> S			
2 2	8 <sup>7</sup> / <sub>4</sub> S			
2 5 4	—			
1 2 6 -	—	82		at 7. Employed drying sail.
		W 8 <sup>3</sup> / <sub>4</sub>		at 11. 35. a squall from the W 8 <sup>3</sup> / <sub>4</sub> - Montens storm sails - most squally with rain



28

74 - N8 - West

at 8. Allowed course to  
82 1/2 27 fms  
82 1/4 ground East - Most frequent  
cloudy near the horizon

842 -

9m 24 1/2

4.19 - 11 1/2

at 5. Saw low land to the  
10 2 1/2 1/2  
108 abt 3 miles dist. low

542 808 -

abt 4.55 13

threw to on land? track  
at 6. Filled in land? track. at  
10 1/2 1/2 1/2  
108 abt 3 miles dist. low

6 up W on ground 82

abt 5. 16 fms

at 6. Filled in land? track. at  
10 1/2 1/2 1/2  
108 abt 3 miles dist. low

7 2 corner 100W

27 - abt 5. 23

Center of the oil? 4 1/2 1/2 1/2  
abt 2 miles dist. 19 1/2 1/2 1/2  
108 abt 3 miles dist. low

8 2 1/2 1/2 1/2

abt 7. 18, 18

Center of the oil? 4 1/2 1/2 1/2  
abt 2 miles dist. 19 1/2 1/2 1/2  
108 abt 3 miles dist. low

8 2 1/2 1/2 1/2

abt 7. 18, 18

Center of the oil? 4 1/2 1/2 1/2  
abt 2 miles dist. 19 1/2 1/2 1/2  
108 abt 3 miles dist. low

93 -

103.4

am 24<sup>th</sup> March

at 6. Filled on land? track. - 23 fms -

ht? a prom. 17 to 38 1/2 W -

Center of patch of sand apparently on ht? 138.

Land distinctly thin in patches on ht? - 146 1/2

6.20. Track to N. South? 78

Mount ht? a from 120 1/2 W to 142 1/2 W.

P. N. of a opening N. N. E

- 126 W

6.32. Extremes of Sand (to N. South) - WSW to EWN

For term "kicker" lights. at 7 -

Center of ht? 12

(2 1/2 miles) 159 W

10

N. end of f on with N. end a

N 55 W

The S. end of h<sup>low</sup> a is a steep red cliff. I address to be the highest part of the h<sup>l</sup>. — when viewed from the East the lowest part is in the middle. but the soil has a brownish level alluvium. It is covered with vegetation, with trees standing all over — a sandy beach lines the shore —

The *Mesosternum* on with N. end of h<sup>l</sup>. a — 179 W  
a ~~batch of~~ <sup>tree</sup> ~~herb~~ <sup>on</sup> ~~island~~

18

Center of a. & h<sup>l</sup>. g in a line — N 60 S E 68 W

S. pt. of opening of N. of a — S 57 W

S. pt. of c on with h — S 8 W

S. pt. of f on with N. pt. of b  
18 — S 81 W

S. pt. of opening of S. pt. b  
S 55 1/2 W

c a on with h — S 9 W

Center of b on with g — S 60 W. N 60 E

b. a small low sandy isle covered with wood.

W. pt. of c on with h — S 12 W

7. 60. None too thick the following bearings

Center of a bore

*Mesosternum* N 78 W E 73 W

to from S. 71 to S 69 W

that



kt. 9

1857 78

from S 15 to 21 E

c  
blow off NW end of c.

d

h

cb

c.

ca

branches in 19<sup>i</sup> green mud hard -  
7.53 line up Ebb.

ca

on with center of i <sup>to point</sup> E of h

Center of ca on with S.E. pt. of c

c is a low sandy bl? covered in most places with vegetation and small wood. It is smaller and higher than a. & has a sandy beach. ca is a very small inlet covered with wood. - gets 23 end in a small creek or tidal ground, at 20.300 yards from it.

at 8.20 tide at low

at 8.40

Center of g. d. c

g. g. & h in a line at N 34 1/2 E S 34 1/2 W

SW end of e & inlet of i -  
at 2.15 water vent.

off this inlet is a reef running to a mud bank breaking - for half a mile or more.

9.26 NW end of c line South -

South

N 47 E S 47 W

N 34 1/2 E S 34 1/2 W

S 15 E

about S 17 W.

~~SE 1/4~~

S 10 W to

S 8 W

S 11 W

S 5 E

S 9 E

~~SE 1/4~~

at 9.30.

at on with Center of g —

{ N 25 E  
S 25 W

h

S 37 W

Center of a

West

9.35.

Sole of e on with k

S 21 W

Barney 3.2

9.41.

g. on with k

{ N 22 E  
S 22 W

9.45.

Sole of e on with d

S 29 W

9.50 lost sight of a heard West  
a large heavy cloud on to the north

at 10.12

at on with New low horizon of e

S 33 W

Sole of e on with h (a little dark).

S 30

South E. end of e.

S 3 E

at 10.38.

Center of g

North

Extreme of e

N 6 E ± 6 W

Extreme of e

S 8° to 42° W

Sole of e

S 49 W

h

highest part of c

S 60 W



at 2000. shaped acc.

77° 30' 0

Center

Extremity of g.

45' N 29 W

is bearing of e. (McClure's?)

155° W 21 32 W

idea of e. 182° W

at 4 30 P.M. Center of ~~the~~ New Year's Id? (g.) N 39 W

Center of hl? e (McClure's)

Dist. land open abt. 1/2 aft of 1° W. 182° W

Rk. 26<sup>th</sup> March

5 - 6 ESE

6 - 4 - NW 1/4 83<sup>rd</sup> <sup>at 6. 28 p at 6. Light winds, with</sup> ~~new~~ <sup>new</sup> ~~and~~ <sup>new</sup> cloudy heavy westerly near the horizon. Center of the new year.

Land. hl. <sup>(new year's)</sup> hl? 181 W. ~~at 4 or 5 miles.~~ <sup>at 1/2 or 3/4 W.</sup>

(det)

Wt. and ~~of~~ <sup>of</sup> opening 8° W of ~~the~~ e 161 W

8° W of e opening a N. of land - 169 W

at 8. Center open hl? e 181 W. 4 or 5 miles

28<sup>th</sup> <sup>no</sup> Center of land ~~at 1/2~~ <sup>at 1/2</sup> ~~of~~ <sup>of</sup> ~~the~~ <sup>the</sup> ~~lower~~ <sup>lower</sup> - <sup>though</sup> ~~at 1/2~~ <sup>at 1/2</sup> ~~W.~~ <sup>W.</sup> ~~at 1/2~~ <sup>at 1/2</sup> ~~W.~~ <sup>W.</sup>

In the Bearing taken today; the following Bearings

Answers answer to the Id? written against them -

a. Priley's hl? -

1 Fowlers' hl? after Collr.

c. Sawtons' hl?

Flanders' 1<sup>st</sup> Lt.

e. Mc. Clure's hl?

g. is supposed to be New

years' hl?

Apr 25 <sup>th</sup>	Abli	at 1. Tanned sails -
1 22 858	WNW	Cloudy west & winds slightly
2 32 -	-	west 82-27. ground
33 -	-	variable breeze -
42 4 -	SW	Light winds & cloudy Tanned sails -

Plu 25 <sup>th</sup>				Pik. Light airs inclining to calm with hazy weather - sailmakers altering the Quete but arriving some about the rigging -
1 - 4 55W				
2 2 South	North 88			26. From 3. a breeze sprang up from the NW. - <sup>1000</sup> 2.8. - 82 <sup>nd</sup> - steered SSE -
3 4 58				4. Variable Light breeze. of fine
42 - 858	Abli			but hazy weather -
	NW	88-25. sand 89-26. rain mud 90-27. salt water		
92 4 SE.	PL	23. fine		Moderate of fine -
102. SEB.	EB.	22. fine		Light breeze -
11 14 858	NW.	21 sand		
12 12 -	-	82 <sup>nd</sup> 19. fine		Midnight Lighthouse & fine with clear & by anchor Tacked to the North

Apr 26 <sup>th</sup>	Lot	at 9. 10. 12. 4. 12. 8		104. 13 hours to fort Point. P. K. K.
1 6 868	SEB.	11. 8 1/2. 7. 6. 6. 4		at 15 W. - alt. 2 miles. P. 1. Breadwest
9 22 868	SE.	9. 9 3/4. 10. 9 1/2		at 10. - 9 1/2. 10. 9 1/2
10 42 87 W		8 1/2. 7 1/2. - 9. 9		at 10. - 9 1/2. 10. 9 1/2
11 6 868	NW.	10 1/2. at 10. 15. 11. 9.		at 10. 15. 11. 9. - at 10. 18. Bore up west. - 10. 18.
12 6 868	NW.	11. 8 1/2. 7. 6. 6. 4		and at 10. 14. 11. 9. 11. 9. 11. 9.
13 6 868	NW.	5 1/2. 5 1/2. 4 1/2. 4 1/2.		low Plateau. 11. 11. 11. 11.
14 6 868	NW.	5 1/2. 5 1/2. 4 1/2. 4 1/2.		at 11. 11. 11. 11.
15 6 868	NW.	5 1/2. 5 1/2. 4 1/2. 4 1/2.		at 11. 11. 11. 11.



26<sup>th</sup> March. AM.

at 9.10. 12 fms. 12 $\frac{1}{2}$  shelled sand & broken shells

10 $\frac{1}{4}$  fine shelled sand - 9 - 9 $\frac{3}{4}$  - 10. at 9.10. 9 - 9 $\frac{1}{2}$

9 $\frac{1}{2}$  - 9 $\frac{1}{4}$  - 8 $\frac{1}{2}$  - 7 $\frac{3}{4}$ . at 9.55. 7 $\frac{1}{4}$  - 9 - 9 $\frac{1}{2}$  - 10.

10 $\frac{1}{2}$  at 10.13. here too for Beards?

P<sup>r</sup>. Pratherite ——— 1108

P<sup>r</sup>. Kalk (at 2 miles) ——— 115W

Land extending to the beach? as far as 1308

West extremity of land ——— 1796W

Center of the Bright (a point) ——— S-S-W

11 fms. at 10.18. Base of Beards ———

8 $\frac{1}{4}$ .

W. P. Kalk. Breakers projecting in a NWS direction at

1 mile --

7 $\frac{1}{2}$  - 6 Brown sand & broken shells - 5 $\frac{3}{4}$  - 5 $\frac{1}{2}$

5 - 4 $\frac{1}{2}$  hard bottom. 4 $\frac{3}{4}$  - 6 $\frac{3}{4}$  - 6 $\frac{1}{2}$  - 4 $\frac{1}{2}$  - 4 $\frac{3}{4}$  - 4 $\frac{1}{4}$

5. 5 $\frac{1}{2}$  - 6. 5 $\frac{3}{4}$  - Brown sand & broken shells

hard bottom -- 5 $\frac{1}{4}$  - 5 $\frac{1}{2}$  - 5 $\frac{3}{4}$  - 6 - 5 $\frac{1}{4}$  - 5 $\frac{1}{2}$

P<sup>r</sup>. Pratherite is low, with tall slender trees close to its extremity.

P<sup>r</sup>. Kalk, to the NW. of it, is the sandy extremity of the highest land thereabouts; which is covered with bushes, & composed of lumps of sand. The shore to the westward is a bright sandy beach - & extends here & there by clumps of

Measurements taken close to the water

26th

Proximity of the beach off P. Hale mouth } 138 1/2 f.  
P. Mouthwait 5 1/4

5 1/4 - 5 - 5. Popoia. South.

5 - 5 - 5 1/4 at 11 - 5 1/4

P. Hale on with P. Mouthwait - 163 3/4

5 1/4 - 5 1/4 - 5 1/4

Beach off P. Hale, on with Eastert land to }  
the East? (From West head) } 858 at

5 - 5 1/4.

a P. opening off E. Eastert

166 W

5 1/4

11.15 About of a bright before set. head - South -  
5 -

P. Hale on with ~~beach~~ Eastert land to the Eastert. 151 8

4 1/2 - 4 1/2 - 4 1/4 - 3 1/2. 3 1/4. at 11.25.

P. Hale

155 8

Extreme P. Mouth? Eastert

161 1/2 W

3 3/4 - 6 - 4 1/2 - 6 1/4

at 11.26. a bright sand head. South.

6 1/4 - 6 1/2 - 3 1/4 - 3 1/2. 3 1/4. 2 3/4. 2 1/2 - 2 3/4. 2 3/4. 2 1/2

2 1/4 - 2 1/4 P. Hale

157 1/2

Extreme P. Mouth? Eastert

155 1/2 W

2 1/2 - 2 1/2 - 2 1/2 - 2 1/2 - 2 1/2

at 11.31 above



P. Hale

1598.

3<sup>rd</sup> extremity  
W. pt. of right

P. 1. P. Culthbert

1571W

2 1/2 2 1/2 2 1/2

South

3 1/2

2 3/4 - 2 3/4. 3 3/4. 3 3/4. 3 1/2

3 1/4 fine sand with black shreds, 1 or 2 fine pieces of Anisopus

shells - 3 1/4 - 3 1/4. 3 1/2 - 3 1/2. 4. 4 - 3 3/4. 3 1/2

11.65 Saw breakers on the start? how bearing <sup>abt</sup> NW 1/2 W

4. 4 - 3 3/4. 3 3/4 - 3 1/2 - 3 1/2 -

The water was 6 minutes too slow for app. 1/2 min at noon

West. all. 0

76. 11. 10

P. Hale

1608.

P. Culthbert

137W

West pt. of right

1188

West pt. extremity

150W

Beaker

Now

3 1/4

3 1/2 - 3 1/4 - 3 1/4 - 3 1/2

Now

5. 5. 5. 4 3/4. 4 1/2. 4 3/4. 4 3/4. 4. 4. 4 1/2 - 4 3/4

5. 5. 5. 5. 5. 4. 3 1/4. 3 1/4. 3. 2 3/4. 2 3/4

at 12.40. Looking again in air - The shadows  
of clouds ahead born the appearance of shore  
water - 2 3/4. 2 3/4 -

12.45. hauled up now.

Breaker

14168.

P. Hale

157 1/2 8

P. Culthbert

1588.

12.47 kept away - WSW -

3. 3. 3. 3

12.50 Allowed to west

Extreme of Island

WSEW

P. Culthbert

1598

Mar 26<sup>th</sup>

P. Kake — 158-8  
Breaker — 155-8

The above Breaker is not of great extent, but can  
a small cluster of black sharp pointed rocks  
showing thin beds above water only at  
times —

3. 3. 3 1/2. 4 4. 4 1/2 4 3/4. 4 3/4.

at 1. Breaker — 162-8  
P. Kake — 162 1/2-8.  
P. Culthbert — 1 1/2-8.

1.42

Paint Kake (dead) — about 170-8

P. Culthbert — 134-8.

Sand Hills — NW 1/4

Broken Estero — NW 1/4

Low part of K Lake — SW 1/4

A Point — 128 W

2.18

A. Point of N. extremity — WSW

2.25 P. Culthbert — 165 1/2-8

8 1/2 fms S. E. extremity — 178-8.

Point Hills — 158 W  
Point — 120 W



337  
Muehlenbergia 539 to 497 E. ~~497 E.~~  
Clump of Muehlenbergia on beach - 198  
P. Cuthbert - N 85 1/2 E  
Sand. Muehlenbergia - N 83 1/2 W

at 3.56. banks of RR  
A low rocky Pt. near in. - S 55 E  
Cuthbert - N 77 E

Cent. of a patch of scrub entering R.R. } S 66 W  
S: on with a Point - }  
A clump of Muehlenbergia, at. - S 55 E

4.3 Tackles to the North:  
at 4.5

E! extreme

~~Point~~

Clump of Muehlenbergia (P. guinea) - S 87 E

A Point to the West? - S 87 W

Point. from N.W. to N.E. at 1/2 or 2/3 of

Western extreme ~~Point~~

N.E. extreme from West head - N 87 W

Large  
Muehlenbergia on with East N. extreme - N 71 E

Point too on each. Be -

N 75 E.

No Lycopod leaf or ash saw holes

1869 W

at 4 43

2 shafts

4 44 - 2 shafts on with 8" extreme

4 52

For Green paper -

Elm whs

1853 E

8" extreme

1855 1/2 S

W. ash <sup>1 1/2</sup> (2 Removable round holes present)

176 1/2 W

Clump of Maryland (P. guion)

163 1/2

159 1/2 W

Point Z

142 W

An enlarged print seen from North ~~to~~ N 60 W

5.68

~~at~~ Kithover N. Z

165 1/2 W

Checks

8" extreme abt. (Northward)

174 1/2 W

8 3/4 E

Clump of Maryland (P. guion) abt. 172 E

A. Bright carbon between 205 - 116 W

new independent sketch ampl.

N 87.50 W 5.58. Pk. Area 188 - on Removable

gave last 19. 16 Eastern -

The 8" Pt. of an opening or by itself, - } 161 1/2 W  
tending in to the 8", on with ~~land~~ ~~shale~~ }

P. Z on with sand shale,

169 W



at 6.8 P.M. - 8<sup>3</sup>/<sub>4</sub> - 9<sup>3</sup>/<sub>4</sub>

6.12 - 10 fms.

NW extreme - abt. (northward) NW

Center of Sand Hills

Long backed Hils - 849 W

Checks - 865 W

Opening - 870 W

Pl. Low with S. end Sand Hills - 812 W

S.P. - of the light. bands. to 88° - 846 W

The last point about 2 mi. between Sand Hills

to S. point of Round Backed Hills. - 865 W

10 fms. soft muddy bottom. at 6.36

6.32 S in 10 fms. soft mud. - rises to 25 fms of chain

Lead running to the WSW abt. 1/4 mile N. horn -

PL 215th

8<sup>3</sup>/<sub>4</sub> 9<sup>3</sup>/<sub>4</sub> 8. EAR.

8.

8 <sup>3</sup> / <sub>4</sub> 9 <sup>3</sup> / <sub>4</sub>	at 6.10	Soft in 9 ft top soil.
soft mud	at 6.12	The NW extremity of land
10.10.24	about	about NW - a distant
6.32	double hills	870 W - P. Turner
soft mud	on with the S. end of some capped	
	hills 846 W.	at 6.64 5 miles with
	an opening in the land	812 W.

at 6.32. Shortened sail & came too, with the best bowen to chain in 10 fms. muddy bottom. - rises to 25 fms of jules sails. - struck the topsail yard. - 8. Most of fun - cloudy over the horizon, with lightning to the South. Found a lead running to the WSW abt. 1/4 of mile N. horn.

March 27<sup>th</sup>. 1818.

↓ 5 am. Depth of water 9 fms. Sea running at  
1/2 of mile W. from the S. E. H. Wind S. E. blowing  
a fine moderate breeze. <sup>Breeze</sup>  
very swift. abt. 4 m. - 4 m

206.458 at 5.55 206.3/68

86.55

87.25

86.30

5.59

same boat 49.19 8 a.m.



at daylight on 27<sup>th</sup> Feb at 8 near P. Turner

(P. Turner. — from 121½ to 42 W.)  
 P. Guion — 159 L  
 Eastern Extreme (P. Cuthbert) — abt 800  
 Opening — 11½ W  
 P. Turner — 131 W  
 Sand Hills — from 160 to 67½ W.  
 West Hill to the West. — 155½ W  
 Long Barbed Hill — 159 W  
 Checks — 109 W  
 A Point — abt 190 L  
 Nearest East of the Sand from N 42 to 57 W.  
 Last of gulches is: abt 100 L.  
 North Extension of Land — Mrs. &  
 (No. 100 Boulton N. 2.) — Arthur C. Bowdler

at 7.30 Depth of water 9¾ fms. flows taking away water  
 scarcely perceptible to the S. Weighed & kept to  
 the N. close to the wind on land? each. — 10.10  
 9¾. 9¾. 9¾. 9¾. — abt 8. allowed 1 knot  
 11 W ¼ W — Bone up West. — 83¾  
 P. Guion — abt 100 L (guys)  
 Centre of Opening — 18 W  
 Centre of Sand Hills — 165½ W  
 West Hill to West. — 155½ W  
 Long Barbed Hill — 159 W  
 Checks — 171½ W  
 Nearest of the Sand <sup>(abt 100 L)</sup> from N 34 to 42 W  
 Sand about P. Turner: 112 to 33 W

9 9

274

Log for Morning Watch - March 27. 1818.

5	at 5. 9 fms	at 5. 9 fms	at 5. Depth greater 9 fms. Flood Tide running abt. 1/2 of mile N. from to the S. of P. -
6	SB	SB.	at 1/2 m. in. out. 49. 192.
	8 1/2		at Daylight P. Linnæus bay from S 2 1/2 W. to S 42 W. P. Linnæus Bay
	P. Linnæus	7. 30. 9 1/4	Extremes of land from P. Linnæus Bay S 9 1/4. 10. 10 of the beach N. before out. S 9 W
		9 1/4. 9 1/4. 9 1/4	how short. 7. 30. Depth along shore 9 1/4 fms. The next flood tide, probably at 8. 9 fms. perceptible. S. to the S. S. bay
	SW 1/4	8 3 1/4	off mt. - (Imagined on a wind to the S. W. - at 8. 30. Mt. been 4 fms. together. The Land off P. Linnæus from S 2 1/4 to S 33 W. The double hills S 7 1/2 W. center of an opening between 2 Margarine P. S 38 W. Near up best thinness sails. -

a P. to S. of P. Linnæus on with a Pt.  
in S. part of Bay (tending to be like?) } 119 E

The extreme on with what has been before } north  
called the nearest part of the land  
(to on with S)

9 30 8 fms. soft bottom.

- Point Linnæus ————— 167 1/2 S
- Land Hills ————— 121 1/2 W
- Next hills to the North? ————— 164 W
- Long bushes N. hills ————— 150 W
- Chalk ————— 165 W
- Point A ————— 180 1/2 W
- Another Point ————— 147 N.

(P. D)



N. E. Extreme

(S)

N 8 1/2 E

Point (S. P. Lewis I.) N 60 W

at 10. Run up beach.

P. P. Run

N 76 E

Sand Hills

N 10 1/2 W

Long Beach's Hill

N 45 1/2 W

A Point (Q) on with Miles

N 66 W

S. P. of opening (S) D.

N 71 W

Centre of hl. in opening (S. Lewis I.)

N 60 1/2 W

N. S. point of opening. (S. P. of pulchrum I.)

N 53 W

N. E. Extreme (S. P. of pulchrum I.)

N 27 E

P. Q is a low sandy projection (pointing to the N. P.) covered with long grass. Deciduous trees - See the terminations in some small creeks lying the beach. These are very hardly dry projecting from it in a N. W. direction -

Checks over N. Q

N 65 W

Sand Hills on with N. N. of a Bay

N 6 1/2 W

Off this point which is rocky low. Found with mariposa, a bed of rocks runs across the Bay - soon after the beach together above water -

4 points on with Q: Q

N 47 W

Centre of sand Hills on with P. Q

N 3 1/2 W

P. Swam on with S. stream (S. P. of pulchrum I.)

N 9 1/2 E

19. 40

sinus, <sup>Antalya</sup> ~~Antalya~~

Chpt. of ~~the~~ S. P. of Bay isom. N 52 W S 52 E.

19. 40. hauled up ~~to~~ N 6 E. — 4 1/2 — S 58 W

at 10. 55. kept known.

P: ~~S~~ D — 278 W  
Center line h: — 258 W  
<sup>W 1/2 of the 100° of</sup> Sand Hills — 222 W  
Checks: — 257 W  
S: Extreme (bottom) O: Tension — 268 S

a Cairns like to the west of P. <sup>D</sup> Opening of it — 286 W

alt

The ~~S. P.~~ S. P. of Yellowm. S. on } N 59 E  
with the ~~S. P.~~ East P. S. (bottom) }  
Center line hd. — 463 1/2 W  
Sand Hills — 110 1/2 S

S. N. line hd. on with a very dull P! — 220 W

P: <sup>D</sup> Spring <sup>water</sup> and <sup>low</sup> P. (with P.) — 274 W



S.S. 8 pt. of Galbourn S. — 1698

S. W. of Galbourn S. on White Rock - c — 1206

N. W. Lewis S. on Main Low Estone - 1636

The South W. of Galbourn S. on P. Lumber — 1658

10 feet above to the rocky SW W. pt. of Galbourn S. — 1107

S. pt. Galbourn S. on White S. W. of Key — 1398

S. P. of Galbourn S. on White Post pt. to N. — 1358

White Pt. + Chubs — <sup>to S.</sup> Packed just before this head. can on - at N. 45

S. P. of Galbourn S. on White S. W. sand hills — 1168

On on white sand hills — 9 feet

Byes P. on White r — 1978

at S. - Galbourn S. —

Extremes of the way -  
Rock of the extreme  
white Point a little to N. of Chubs  
Cent. of specimen S.

N. 1/2 W. of S. 5 W  
20  
N. 1/2 W  
S. 1/2 W  
1747 W

In a boat from Cudde pulling to

5. 5.  $4\frac{3}{6}$ .  $4\frac{3}{6}$ .  $4\frac{3}{6}$ .  $4\frac{3}{6}$ .  $4\frac{3}{6}$  hard pulling  
bottom -  $4\frac{1}{2}$  -  $4\frac{1}{2}$  -  $4\frac{1}{2}$  -  $4\frac{1}{2}$  -  $4\frac{1}{2}$ .  $3\frac{1}{4}$ .  
hard sand -  $3\frac{1}{2}$ .  $3\frac{1}{4}$  abt. to 1/2 way from  
the head - 3.  $2\frac{1}{2}$  - 2.  $1\frac{1}{6}$ .  $1\frac{1}{6}$ .  
 $1\frac{1}{2}$ .  $1\frac{1}{3}$ .  $\frac{1}{2}$  fms

amp. abt. abt. in

87. 35 W at 6. 2 Rh. New

88. 35

Wts.

88. 20

6. 4

87. 25

6. 4 $\frac{1}{2}$

high water at 4 P. about 7:30. - depth  $5\frac{1}{6}$  fms

28th Rh.

at 8. 30 - depth -  $5\frac{1}{4}$  nearly -

- 10 -

- 5 -

wind - moose at 10. - Like abby to the NW?

~~4 - depth~~ - fine water - New 83.

most depth  $4\frac{3}{8}$  fms - \*

very weak. - wind light from the W &  
bright fine. - that.  $8\frac{1}{2}$

\* In a boat pulling from Lewis abt. to



within abt. 74 fms of the cutter, when it began to sled to the SE. Calypso was flowing in

has departed  
March 29.

N 88.15 W at 5.57 P.M. Head No. 1

88

87.50

88.0 — 6.0

at 6.30. 6<sup>3</sup>/<sub>6</sub> fms west of 88

at 6. Depth 6<sup>3</sup>/<sub>6</sub>. Low tide by 88 ~~88~~

Flowing - that 85<sup>3</sup>/<sub>2</sub> - wind NE.  
No. 1 fms

29<sup>th</sup>. High water abt. 9 P.M. - depth 5<sup>1</sup>/<sub>4</sub> fms.

30<sup>th</sup>. High water at abt. 11.30 P.M. (<sup>think</sup> ~~46~~) 5<sup>1</sup>/<sub>6</sub> -

Not made to the NW.

31<sup>st</sup> at 2 AM. Depth somewhere 6<sup>3</sup>/<sub>4</sub> fms. - abt. 10<sup>th</sup> at 1<sup>1</sup>/<sub>6</sub>

spoke an hour to the NW <sup>to the SW</sup> -

Light airs & cloudy - Head. 83. Wind ENE.

at 3.30 a heavy spring up from the SW? variable.

4. Moderate & cloudy to the S. H<sup>2</sup>, but clear overhead - wind SW. Therm. 82.

Depth of water 4 fms - Tide abiding to the NW?  
very weakly -

31<sup>st</sup> March

P.M.

10. P.M. Wind NW. Light. with fine mist.  
Depth of water ~~4 3/4~~ 4 3/4. Sailing to the ~~SE~~ SSE  
Ther. 84 -

at 11. Depth 4 5/8. Sailing west to N.W. S.E.

12 } - same Depth. no wind set, rise or  
at Mont. } fall of Tide; therefore conclude it is  
high water.

wind NW. Light breeze & fine mist.  
Ther. 83 1/2 -

April 1. 4.20 P.M. - 4 1/2 fms. <sup>No set.</sup> Ther. 89 3/4. Wind North  
a moderate breeze with fine weather. -

5. 8 3/4 Ther. Depth of water 4 1/2. No  
set of Tide. - wind NW. <sup>No set.</sup> Ther. 89 -  
at 8. Moderate breeze. Sailing to the  
South? - Depth 4 1/2 fms. -

April 2<sup>nd</sup> AM. About Mont. a breeze Springing  
from the NW. -

1. Depth 4 3/4. No set of tide. - Cloudy to the  
SE -

2.30 Wind shifted to the S. heavy cloudy with in  
hot descender. - 3 - a squall passed out with -

~~at~~ a fair prospect of rain

3. 30 Wind shifted to the S. heavy cloudy with in

at 4. 8 3/4 Ther. 89 -  
at 6. Breeze & Cloudy. No set  
at 8. 87 1/2 -



8.47 AM. Wierpes from S<sup>W</sup> h<sup>o</sup>. 2 in Sticks Bay  
Gaulthorn h<sup>l</sup>? - abt low water. 4 fms. - by  
the marks on shore, the tree was at very low  
ebb - light breeze from the South.

Remains of Round Hill on S. Pt. King's M<sup>t</sup>. S 57  $\frac{1}{2}$  W

Summit Do. - on Do. - 556 W.

$\frac{1}{4}$  9.8. bore up for the paper between Ranke  
& Gaulthorn. h<sup>l</sup>? -  $\frac{1}{4}$  -

P. h on with a - 22  $\frac{1}{2}$  W

S. Pt. Chalky one White Point  $\frac{1}{2}$  142 W

$\frac{1}{4}$  h<sup>o</sup> based bottom -

h<sup>o</sup> end Sand h<sup>l</sup>ies on W. Pt. of Bay's Point S 9  $\frac{1}{2}$  E.

$\frac{1}{4}$  - 4 - 3  $\frac{3}{4}$  - S  $\frac{1}{4}$

Summit. Round Hill over N. Pt. King's M<sup>t</sup>. - 154 W

3 fms. -

3. 2  $\frac{3}{4}$  -

W. Pt. Round Hill over N. Pt. King's M<sup>t</sup>. - 146 W

2  $\frac{1}{2}$  -

W. Summit. Chalky one S. Pt. King's M<sup>t</sup>. - 143 W





Run on P. h to ab  
9. 16 hauls up to 100 ft.

Reaped P. h

Summit C

Summit a

117 1/2

143 1/2

110 1/2

Swath

7 fms S-hand faking bottom

8 fms left bottom

7 1/4

~~116 1/2~~

P. h to just station by 10 h

116 1/2

Large bag on with New P. h. 10 fms, h. 10 fms 5 1/2 m

7 fms

New P. h. 10 fms, h. 10 fms, h. 10 fms - 1159 1/2

P. h. 10 fms, h. 10 fms in one

16 1/2

6 1/4 m

at 11 am 7 fms mnd stocks

Summit of d

129 w

Summit C

14 1/2

P. h. 10 fms

15 1/2

P. h. 10 fms

18 1/2

P. h. 10 fms

167 1/2

P. h. 10 fms

16 1/2

then on beach in center of Bay

187 1/2

after noon - 7 $\frac{1}{2}$  - 7.00 - 7 $\frac{1}{2}$

at 12.50 P.M. 20? <del>7<math>\frac{1}{2}</math></del>	7 $\frac{3}{4}$ 1099 <del>1099</del>
Sansom Head	<del>144 W</del>
Rugged Point	120 $\frac{1}{2}$ E
Point Top.	114 E
Point C	141 E
Seymour Loey	133 W
Round Hills	146 $\frac{1}{2}$ W
Tree in the Bay	N 88 E
Point i	N 68 $\frac{1}{2}$ E
k.	N 33 E
S. P. of No. 10 Mt. of Abolley Mt. (1)	N 55 E
New P. of Goulet Mt. (1)	N 23 E
Church	136 W



Oct. 20 Tackles to the Pacific

Back c

2678

Lansom's Head

2860

Winged Print

2348

h 1, 2, 3 in one

2548

h on with fl k

h 1 on with Lip of fl

at 1.55, 10 6 1/2 hand sandy bottom  
Lansom's Head

241 1/2 W

Summit. C

2838

7 3/4 - 7 1/2 . 7 . 6 3/4 . 5 3/4 ~~hand~~

5 wounds

too at 2.6 1/2 in 5 1/2 - sand some

piece of shale - wind to 15 fms - chain

shunt of c

2226

W to h

267 1/2 W

pt 6

at 2 1/2 8.

Ruffed Print

at 1 1/2 8.

sand shales

from 19 to 16

P's Pops

14 8.

~~Summit~~ - Super bed

19 W

Summit to Summit Head

14 1/2 W

P. e

Lansom's Head

24 1/2 W

Summit Chalks

25 1/2 W

Summit a little to right of Lansom Head - 25 7/2 W

4 Pk. ~~Apr. 2.~~ Apr. 2. Depth 5 1/2. High water  
Ebb made soon after 3 to the NW. -

April 2. Land. Side Nunnach. - V. McKay

Land out.

add. tin

N 86. 25 W. at 5. 52 1/2. Head East

86. 35 -

85. 35 -

86. 50 -

86. 20 - 56 1/2

86. 35 - 57 1/4

518. 20

86. 23. 20 - at 5. 55 Pk.

at 6. Most of cloudy near the horizon.  
wind NW. Ther. 87. - Depth of water  
5 1/2 - Side ebb. -

April 3. 5 am. Depth 5 1/2. Ebbing to the NW.

6. Depth 4 3/4. Ebbing to NW. how to NW.  
Wind NW. Light breeze & cloudy. Ther. 82 3/4.

Side up. Start? side S. East

N 85. 10 W at 5. 5 Pk. Head S. E. -

85. 25

86. 45

86. 50

5. 54.

Wind S. E. Most of cloudy. Side S. East



5.60 wind shifted to the S.E. -

April 4 -

1 am. Depth 5 fms. Tide flowing to the S.S.E.

2 - - - 5 fms 9 fathoms - Do - - - Wind S.E. - light & fine - Clouds gathering to the East? accompanied by thunder & lightning. - New. 82 -

- 3<sup>h</sup> - 5<sup>h</sup> 10 -

3.30 - 5 fms 1 $\frac{1}{2}$  fathoms - Answer fresh wind whist from the S.S.E.

3.60 wind shifted to East in a heavy black squall with rain - hurried to refuge of Cherrin. -

4 - Squally weather with moderate rain -

Wind S.E. - 5 $\frac{1}{2}$  - No set of tide -

P. h on with the opening below 200 - - - 200

h on with - 200 of 22 - - - 210

h on with 50 in at day below - - - 222

h on with 50 in at day below - - - 247

Layan bay on with W. Etat. Janis - N. 2.

~~##~~

S 35 1/2 W

P. hi on with S. E. of back in Norway - N 62 1/2

96m.

h 1 on with three in the Key - N 67 8

16.22

E on with NW end of long Backed Hill - N 80 W

P. Pagon with W. end Sand Hills - S 13 8

e on with E. end long Backed Hills - N 14 W

Green. Mount. alt. W. Key - 72. 67. 10

Summit of d - 115 1/2 W

--- Back e - 156 8

New P. Absley Mt. - N 21 1/2 8

k - N 30 8

S. M. Absley Mt. - N 52 8

pt. c - alt 263 8

Round Hill - S 68 1/2 W

Superior Loop - S 36 W

at 12. 10. 8. 7. 7. 4. back e

Lansons Mt.

S 57 8

S 26 W



Plate 9 <sup>th</sup> Sec.			
4	Red	8 1/2 - 8.7%	Rd Light air rising to carb.
4	Red	8 1/2 - 8.7%	Flows. In falling to the south
		8 1/2 - 8.7%	12 48.0. Mm. - Heavy up from H.
		9 - 9 1/4 - 9 1/2	N. - Tacked - Jamson has had Red
		9 1/4 - 9 1/2	10 - 10 1/2
		10 1/2 - 11	10 1/2 - 11
226	White	8 1/2	Variably light brown from the N. & E. - pending attention.
33	White	3.40. 11 1/2	

at 4. 100<sup>th</sup> - delending to the SE

4.12 Tacked to the ESE - Jamson  
had 500 - white rocks, 08.

Resolution Point on map 34 1/2

P. Upon with center of base kil. - - 3108.

8. 8	8 1/2	9	9 1/4
9. i. Mud. sand. hard. pebbles	10 1/2	11	12
P. Resolution - 36 1/2 - W. i. 2762			

W. on Linn. S. open of the Cent. of Miles 118

Lay on long. on with S end of checks -

✓ 307W  
299 1/2 W

9 3/4 - 0 at 2 1/2

at 2.50 - 10 1/2 muddy bottom.

Summit of d.	---	118 E
Backsc	---	157 E
Round Side	---	141 W
Summit Club.	---	297 W
Cent. of Long Banks side	---	17 W
P. Cap.	---	at 29 E.
Relaxation Point	---	141 1/2 E
P. i	---	188 E
S. P. Ashley hl?	---	163 E
N.W. P. Ashley hl?	---	138 1/2 E.
Thin in the Bay	---	181 E.
West Extreme	---	about 172 W
<del>Back</del> that in behind the checks	---	
10 1/2 - 10 1/2 - 1100ft mud - 3 28	---	189 1/2 E
at 13th N. opening of N. i	---	
3.40 - 11 1/2 mud	---	
Back C	---	154 E
Summit of d	---	121 E.
P. i	---	188 E



P. l \_\_\_\_\_ 2718

K. alt. \_\_\_\_\_ 2678

New P. Abney ht? \_\_\_\_\_ 267 1/2

Checks, Summit \_\_\_\_\_ 2256

Round table \_\_\_\_\_ 2376

alt. 12 fms soft mud \_\_\_\_\_

at 4.12 Tackles to the S.E. \_\_\_\_\_

1 1/2 fms, nearly bottom \_\_\_\_\_

Roche c \_\_\_\_\_ 28

Summit of a \_\_\_\_\_ 2208

P. l \_\_\_\_\_ 2758

at 5<sup>1/2</sup> Roche c \_\_\_\_\_ 251 1/2

P. Pops \_\_\_\_\_ 226 1/2

P. i \_\_\_\_\_ 2279

l \_\_\_\_\_ 252

New P. Abney ht? \_\_\_\_\_ 253

S. Point \_\_\_\_\_ 258

Sugar Loaf on with S.E. end of checks \_\_\_\_\_ 230 1/2 W.

P. Popon with S. end Sand Hills 242

at 6. 8 P.M. 11<sup>o</sup> in

Reeds ————— 466

Point i ————— N 81 1/2 E  
————— N 25 E

New Point Apsley H.?

N 34 E

Point Pops

S 22 E

S. end of land. Much a little open of Point Pops

Checks ————— S 33 W

Land Nith

————— S 44 W

Antic Long backed Nith

————— S 11 W

West Entrance

————— N 75 W

at 8. Therm: 84 —

at 8. 50. Depth 9 f.

10. ————— 9 f. Sailing west 1/4 mile from  
wind N.E. fine breeze & clear water  
mont. + 9 1/4. Wind E.S.E. - Proofs, slowly  
Ther. 80.

obs: 6<sup>th</sup> Draught of water above — 8. 6  
74. 4

Bottom: — By the stern — 1.7  
Sound: — 6.9



2<sup>1/2</sup> am. 5<sup>th</sup> in 6<sup>1/2</sup> fms muddy bottom.

P.<sup>c</sup> h ————— abt. S 19° W  
Centre of Long Banks N.W. ————— S 18<sup>1/2</sup> W  
Sugar Loaf ————— S 32 W  
Chicks ————— S 36<sup>1/2</sup> W  
Round N.W. ————— S 64<sup>1/2</sup> W  
Point i (seen over the  
low land) } ————— abt. — S 32 E

P.<sup>c</sup> k — S. W. of Bay of J.V. ————— S 10 W

P.<sup>c</sup> on (over the land) ————— S 51 E

Isle in the Bay ————— N 46 E

Corner Point ————— N 1 W

Come Point ————— N 12<sup>1/2</sup> W

Rocks in the Bay of J.V. extending from the

Shore in a West direction, from S 33 to 45 E —

~~The~~ ————— The Sea seen over the low land  
as far as S 50 E & extends no more  
further to the Eastward

at noon. Wind East. great breeze from west.  
ther. 84. — abt. 1/4 to 5/8. Tide setting  
to the SW.

April 6.

0.45 Am. Depth  $5\frac{3}{4}$ . Sea flowing to the SW.

1. 30. —  $5\frac{5}{8}$  — — — — —  $\frac{1}{2}$  inch from

a thick bank rising in the East, with lightening  
at 2. a squall from the E. with heavy rain  
lowered the forenoon, & spread to midnight  
coming down — Depth 6 fms. — flowing to  
the S.W. — — — — — used to 20 fms — Ther. 79-

2. 30 Squall subsided —

3. — Depth  $5\frac{1}{2}$ .

4. — — —  $6\frac{1}{4}$  — setting back to the  
S.W. — Squally, heavy cloudy weather  
with much rain — Ther.  $75\frac{1}{4}$  —  
wind E.N.E. —

Apr 6

at 4-40 - 637, abt high water  
a thick foggy light breeze with  
with frequent showers

at 7. wind N.E. — Depth  $5\frac{1}{2}$  —

8. Ther. 77 — Depth  $6\frac{1}{2}$  — wind

variable — Thick cloudy weather

at 9. wind showers of rain —



9.50. Depth -  $6\frac{1}{2}$  - Starts working party on tow.  
at 11 A.M. 8. Net.  $81\frac{1}{2}$  - Light air sailing to  
Calm. with heavy cloudy weather. Depth.  $5\frac{3}{4}$   
noon light breeze & cloudy. - S.S. - Ther.  $86\frac{1}{2}$   
Depth  $5\frac{1}{2}$  - Sailing made to the W.S.W. - Rain  
a boat-load of oars. -  
Saw 7 Natives at the working place -  
2. Cleared the boat, sent party on shore again  
3. Depth  $5\frac{5}{8}$  - Ther.  $87\frac{1}{4}$  -  
4 - - -  $6\frac{1}{2}$  - - -  $87\frac{1}{4}$ . Wind E.N.E. Most  
of fine weather.  
5.30 -  $6\frac{2}{3}$  -  
5.45 abt high water -  
8.  $6\frac{1}{2}$  - Ther.  $84$ . Wind E.N.E. Most of heavy  
near the horizon -

April 7<sup>th</sup> AM

at 5 -  $5\frac{5}{8}$  -

5.30 begins shifts from N to South in a squall, with rain. -  
No set of tide - ~~thunder~~ the

- Ther.  $81\frac{1}{2}$  - Wind S.E. -

7 - -  $81\frac{3}{4}$  - - - Depth  $6\frac{1}{8}$  -

April 8. am

at 1. Depth 5 $\frac{1}{6}$  fms. sally west to the S.

2 — 5 $\frac{1}{6}$  \> \> Wind East. Ther. 82.  
Tide rising to the South? — Moste breeze &  
cloudy weather. —

at 2. 10 abt. low water, Rough tide running to S.  
 $\frac{1}{4}$  mile ft. horn —

3. 30 Depth 5 $\frac{1}{2}$ . Tide flowing to the South E.

4 — 6 $\frac{1}{6}$  m. Do —  $\frac{1}{2}$  mile ft. horn  
Moste breeze & cloudy wat. — Wind shifted to S.W.  
Ther. 82. —

abt. 8.  $\frac{1}{2}$

Noon. Wind alt. W. key — 71. 27. 30  
— 50

Cone Point —

P. a — 868

P. beyond it. open at abt. — 858

Off this pt. Breakers extend. —

Oct. 13. 12 $\frac{1}{2}$  soft green mud. ~~with~~ well  
sand & shells — 14 $\frac{3}{4}$  —

By the lead, the eye appears the drifting  
to the N.W. — at 1. 30. 15 fms — Cone Point  
abt. 8 $\frac{1}{2}$  m. P. a — 843. 8 —



13. at 3.30 4<sup>th</sup>. Extremes of a paley ht.  
 11 $\frac{1}{2}$  - 15 at 1.37 Tacked to the S.E.  
 bottom. from S 36 $\frac{1}{2}$  W to S 70 $\frac{1}{2}$  E.

at 1.37 Tacked. 15 fms. -

Core point - - - S 1 $\frac{1}{2}$  W  
 Point a - - - break. off b on with it. S 63 E.

15 $\frac{1}{2}$

A low point opening of h. a - - - S 47 E

Core P. ~~off~~ on with h (bottoms) - - - S 14 W

13 at 3 $\frac{1}{2}$

at 3.30 - 11 $\frac{1}{2}$  soft muddy bottom -

Checks on with Core Point - - - S 32 W

P. a - - - S 66 E

3.40 - 9 $\frac{3}{4}$  - 4 $\frac{1}{2}$  9 $\frac{1}{2}$  soft bottom -

4<sup>th</sup> Core P - - -

Extrem to S?

- S 36 $\frac{1}{2}$  W  
- S 78 $\frac{1}{2}$  E

7/6.

at 4.30 for Tarkly & Pine Point - 9 hrs  
Cone Point - 171W  
Point a - 278E

(b)  
a point a little to S. of a. opening at - 167 S  
a reef running off point -

10<sup>+</sup> fms sand bottom - at 5.14 P.M. - 131E.

at 5.25 P.M. 10<sup>+</sup> fms.

Cone Point - 158<sup>+</sup>W

Point a -

138

- G

16<sup>+</sup> E

- C

138

158 -

West end of the Bay -

at 5.30 Tarkly in 12<sup>+</sup> fms bottom of sand  
Point a

Cone Point

13W

158W

Point a on with Cone Point - 172W

Point a on with Cone Point - 172<sup>+</sup>W

a little N. open of Pt. c -

15W



at 600 fathoms  
Point a

swallow  
solvent

about {

11.26  
133.32.50

100 - 8 1/2

924 m.

12 1/2 - 10 1/2 at

8.30 -

9.40 - 1/4

7. 6 1/2 at 9.

6 1/2 - 9 1/2 - 12 1/2

at 9.20 - 12 1/2 at 10, same too on the deck.

12 1/2 mud. track.

12 1/2 till 10

then hunters

at 11 1/2.

soft bottom

mint 15 1/2

100 - 8 1/2 - 83 1/2

11 - 6 upper

12 - 6 upper

83

Mittnacht Nacht. 1/2

am 9 1/2

92 - 3 1/2 1/2

1024 1/2

12

26 am

1264

852 - 86 1/2

8.55. Tacked to the NW

extremity of Apology N. from

S. to South.

10.30 Tackled to the SW

a mile from the South

some bottom SW to

round Apology N. - Cor

P. head. Nov. 18. 1878

noon. Tackled to the NW

heavy but fine sea.

Extremity of Apology N.

1588 + 15818.

12.30 P.M. 1878

1 1/2 miles off

at 8.55 Tarpis

AM. 9<sup>th</sup> April

Corn Point

South

East Extension of Apsley hl. alt. 88

10.30 Wore to the South.

Corn Pt.

How

E. Extension

Prob.

Stems How

noon

W. alt. W. Kj. 71. 2. 0

Corn Point

1158

E. Extension (a)

1818

12.20 hauled up S<sup>1</sup>/<sub>2</sub> W.

at 12.39. hauled up South.

Corn Point

25078

South Point

1338

Sugar Loaf junction with E. Ext. of H. hks.

12.45. hauled up S<sup>1</sup>/<sub>2</sub> E.

12.58

Point l. on with P. m

1628

Corn Point

278

W. Corn Point there is a reef



at 2.45 - 9

P. Popon with W. P. Lewis. hl? - 1358

Retaliation P. of W. P. Lewis. hl? - 1668

P. and Lewis 'hl?' on with P. Popo 1478.

Lewis Lewis 'hl?' on with W. P. Lewis. 1578

P. P. Lewis 'hl?' on with Retaliation P. 1772

P. Popon with P. Basely - 1808

at 3. Stems West -

Sansom Head

1668

Point Popo

1648

Retaliation Point

1828

Chutes

1896

at 3.40 Stems NW

Sansom Head

1818

Chutes

1266

Point Popo

1416

Center Long Beach Side

1708

Center Long Beach Side

1778

Point a (Boysen)

9th Apr  
N45W

For other specimens of Chunks

N8W

For, clear of the NW-end of Chunks range S17W

at 4.22 10 fath Munsdy broken

Sanson Head — S76E

Center Longbeaked Hill — S20E

Summit Chunks — S47W

Loe — S117W

Point Hill — S18W

Immalle — S19W

Point Boysen — N46W

Point b — N43W

4.50 - 70

Sanson Head —

N45E

Longbeaked Hill —

S23E

Chunks —

S3E

Loe —

S6W

Point Hill —

S8W

P. Boysen —

N45W

Point c —

N42W



5.8. 11  
For on with S. end of Chicks

— South

At same time

A point on with Bluff b

— 240 $\frac{1}{2}$  W

Makers on W. side of Bay on with }  
P. Proppen }  
<sup>Proppen</sup>

5.25 Altars Course to North

Chicks ————— S 12 E

Round Hill

— S 2 $\frac{1}{2}$  E.

P. Proppen

— 265 $\frac{1}{2}$  W

Long Backs Hill

— S 25 E.

Backs in Proppen Bay on with P. Proppen — N 58 W

A point in same Bay ~~on~~ with P. Proppen N 69 W  
<sup>same</sup>  
top.

South of Bay to NW. of P. Proppen — N 77 $\frac{1}{2}$  W

Darkest Bay bends from P. Proppen (which  
from a round head) NW. for about a mile,  
then S.

Round Hill on with Green S. W. of P. Proppen S 8 $\frac{1}{2}$  E

5. The top of hill with Green S. part of P. Proppen. N 11 $\frac{1}{2}$  E

Bluff on with a point to W. — N 42 W

9 A Point in Bathurst Bay on north of 14 ?  
 Chicks -

at 5.48 - Pt. 5 - bore alt. 400 ft.

6.50 Shortened sail, hauled to the  
 wind on stanch? tack -

16 fms - 16. sand, gravel, shells  
 at 8. 17 1/2.

Rh 9 ft.

7 46 NWN SWN  
 4 WNW

8 2 - - 10. 84 17 1/2 -

AM 10th

5 3. 5 1/2 W. 28.

6 3 2  
 2 2 NW  
 7 1 6 WNW

8 5 - 1000 ft.

twice lightning to the south?

6.50-16 at 6.50 took in gaff top sail  
 16. gaff hauled to the wind on the  
 sand? tack? tack? at 1 1/2 mile  
 16. observed 3 terns, 3 gulls on the

shore, head. South. 1000 ft.  
 1600 ft. at 8. Most bread  
 cloudy west.

4 30-20 at 4.30 p.m. 5.5 saw land on  
 5. 18 fms the low low ground - Extensive  
 mud flat the main head from 188 to  
 470 W. - an island 9.20 W. east.

5.30-18 at 5.30 W. on tide 12 W.  
 6.30 1/2 at 6.30 from the nearest part  
 8 1/2 1/2 5 miles. at 6. observed 700 S. Bay  
 6.50-16 1/2 from to the S? coming down before  
 wind. 1600 ft. the wind.  
 16. at 6.60 Dr. Propper 102 ft. to the S.

at 7.17 1000 ft. west. Near at 1000 ft  
 1800 ft. 1000 ft. - 7. saw 1000 ft.  
 groups of 10 to 15. 9. 1000 ft. - 7. 2000 ft.  
 at 7.30 1000 ft. from a rocky bluff point

8 5 1/2 7 fms. 7.50 hauled in 1000 ft. for a duck Bay on  
 sand stone, light on the land. 8. Most bread  
 shells. 1000 ft. 1000 ft. 1000 ft. 1000 ft.



at 4.30 am - 10th - 20. 5. 18 (Wed) of June  
land, - 5.30 - 10.

at Daylight - 5.55 - stream of the River  
runs from N 88 to S 70 W (di)

An island abt. - N 28 W

and. - from N 35 to 42 W

a hile (1) - about S 12 W

Distance of shore abt. 5 miles -

a Point (c) - S 58 W

highest lights, signal being too much  
dim. abt. on March = motion -

N 79. 45 S. at 6.5 am. Head  
77 30 SW.

at 6.30. 16 pm. Broken shells. totons.

at 6.38

O<sub>1</sub>c (abt 40')  
O<sub>1</sub>c 1 d, on with east of p. - west -

6.40. None up. NW. 16 fms. mud, strong tides  
P. Prop. - (doubtful)

O<sub>1</sub>b - (Black from which on dep. was taken)  
yesterday evening about 10th. at 6.50 AM. 22 S

Main 1

Point c

Large hll. 1 Centre

Valencia

abt. West

Each mountain abt. 1  
N 29 W  
N 10 W

10/ At 6.50 - 16 fms. - gravel shells, fine sandy mud -

17 - at 7 1/2

Saw from the Mack head an island long pt. S.W.  
at point opening of d - S 75 W

P. 100 fathoms on with Pt. b - S 38 E.

at 7.20 Paper N. e. <sup>Delaware N. e.</sup> about 1/3 of mile dist. } 18.

at 7.20 P. e on with a projecting point in the Bay }  
formed by it to the East? } S 40 E.

at 7.40 P. e are some small Black rocks, upon which  
the sea was breaking heavily - the land thereabout  
forming several small Bays with intermediate rocky  
high points between

P. 100 fathoms of N. e - S 60 W

The 2 Bluffs of c on with each other S 52 E -

P. 100 on with e (P. 100 run some f from dist.) S 62 W

Land ahead extremely fine - about N 50 W

Break on with N. e - S 50 W

200 Break on with N. e - S 50  
at 7.45 - carry 50 fms.



at 7.48.

Point e

S 39 W  
S 63 E

Island from NW to SE

An island

at S 86 W  
S 35 W

Bluff pt on with e

Center of Harding's group of M. S.

on

N 11 E

And.

N 6 E

And.

N 18 to 20 W

And.

N 9 W

7 to hauled in SW W.

The faint opening of bluffs of e

S 20 W

at 8. going S 1/4 N 20 E.

See on Four Point

P. 1

S 68 1/2  
S 68 1/2

Brown red sand to holes.

at 8. 8' for Jimmy's pits... 6 fms. - then sand stones -  
see on Four Point

P. 1 c (Bluffs - entrance)

S 14 1/2 E  
S 85 E

at 8. 11 course to the NW.

See

S 20 E

at or with N. E. of it -

S 20 E

9 summer of 1848 of water in S

S 57 W

10/7 pm. - Scales 1 stone - 9 1/2 - 12.

~~c d g supposed to be the Bluffa Hill h. of the  
Hindon group near No. 1.~~

16. 16. at 8.50 -

For ——— NW  
P. c ——— SSS

at 9.33 -

b ~~de~~ ——— 139 f  
L b de ——— 59.37  
L e dg ——— 24.20

9.35. went to the SW.

after morning

On island ——— from N 11 E to N 19 W

than the low part of D. ——— N 3 E.

For point ———

~~at 10. -~~ Com with b. ——— S 43° E  
Com with d. low Bluff ——— S 50 E  
Com with P. to base ——— S 35 E.

at 10. For base ——— South -

P. c ——— S 62 E.



at 10. 15 attend same to S. 1 W

10. 16

An opening round a bluff on with Entr of } alt. 2658  
New Point

d on with c (shubin) alt. - Earls

con with d \_\_\_\_\_ 2868

a reg of rocks, dry at this time, runs off N. e & d.

hole & open to the S. of opening round bluff - alt 2658

edg - alt. \_\_\_\_\_ 2628 - 2620

Bay trends in a S.E. direction alt. 7 miles

~~alt~~ 2610. 38 - 2610. 38  
over the Centre of the Entrance

alt 2610. 38 -  
alt 1 over a point \_\_\_\_\_ 2828

a bearing \_\_\_\_\_ 2488

SW W. of Entrance of the Bay. 2388

\_\_\_\_\_ 2786

a track W. (2 1/2 miles) \_\_\_\_\_ 2450

alt. 2610. \_\_\_\_\_ 4 miles - 2570

10.41 - 6<sup>3/4</sup> (10)

Copeland Mt.?

Cliff A. open of. end layer h. 1. S. 3. W.

I think 1 is a line bag at. St. 1. 1. 1.

10.53

W. Layer h. on with pit of }  
New end of a hole - } - S. 6. 6. W.

at 10.53. Red Bluff born East - ~~A. S. 3. E.~~

10.57 Red Bluff on with h. 1 - N. 8. 0. 8. ~~A. S. 3. E.~~

10.58. None up W. 1. W.

Cute g. - N. 5. 8. 6. W.

Small h. ? x - N. 1. 1. 1. W.

e - N. 3. 0. 8. W.

h - N. 7. 4. 2. W.

A point of large h. on with its 1. 1. 1. W. N. 7. 8. W.

11.3

Cute of small h. on with 8. 1. 1. W. (N. 1. 7. W.)  
Large h. 1. 1. 1. W.

Heavy breakers of the 8. 8. W. of large h. 1. 1. 1. W.



11.8 white cliff on with hills 2 ————— 1457W

11.14 O<sup>r</sup> a of white cliff is in ————— 1458W

W. W. large hill on road ————— 1459W

the white (h) ————— 1470W

S: P. b. Large hill ————— 1480W

11.15 W. d. new pts. of large hill ————— 1482W

11.16 3/4

S: P. Large hill on with d ————— 1488E.

11.17 hill on with g ————— 1488E.

at 11.27 hauled up 1600 ft. W. ————— 7/16

hill y ————— 1417W

P. h ————— 1488

white cliff hill? ————— 1470E.

cliff ————— 1484W

————— 1408.

11.35 ~~there~~ hauled by the wind 1600 ft. —  
for 3 minutes then 1488.

10 moon West abt. N. by - 70. 30. 30

Centre white clay bl. head - W 48

Cliff on with P. to W. of h. - N 48 E

Summit white Cliff bl. - N 83 W

P. g. - N 5 E

d. - N 36 E

at N. 3. were found to be high

a wooded and cliff on with pt. to W. of h. - N 34 E

P. Crown.

Rocky Point - N 6 E

Summit of Cliff bl. - N 83 W

Shal P. of as a terrace from N 8 E

N. 8. abt. 250 yds. distant



Beach from E. in Mt. Morris Bay. Apr. 10.

hd. g —————

N 16 W

— 9 —————

N 18

Low part of large Is. —————

N 15 1/2 E

SE end of large Is. —————

N 21 E

e —————

N 35 E

Cliff Point —————

N 36 E

Rocky Point in the Bay Dr. South —

To pt. Bay of E. —————

S 31 W

Is. 2 —————

S 55 E W

Summit of Island —

S 77 1/2 W

Long Hill (Center) —————

S 79 W

Dist. Right in Bay of E. or town } N 70 W

low land —————

S 6 W

W. visible between from } — N 35 W

the deck —————

Measure in Bay of E. — East

---

AM. 11<sup>th</sup> at 12.30 - depth 5 3/4. No tide  
at 2. 5 3/4 - No set - 8 1/2 then  
at 3.20 ~~depth~~ depth. 5 2/3 -  
- 4' Depth - 6 1/4 - No set. Wind S.W.  
Mostly fair. — then 8 1/2 -

April 11th. am.

8<sup>6</sup> end of y on with y — Row  
Center D<sup>o</sup> — — — R 29  $\frac{1}{2}$  W  
back end D<sup>o</sup> — — — R 30.45 W

8.55. 5 fms Muddy  
1<sup>o</sup> end white ch<sup>t</sup> he<sup>o</sup> on with h<sup>t</sup> 2 — R 29  $\frac{1}{2}$  W.

Inside he<sup>o</sup> on with int. of meadow off. R 19 W.  
R. in Salvia he<sup>o</sup> — — —

at 9<sup>o</sup> — — —  
P<sup>o</sup> ~~to~~ on with h<sup>t</sup> & — — — R 22 ?

Center of y on R. in Salvia he<sup>o</sup> — — — R 39 W.

9.5 Center of y with meadow off D<sup>o</sup> — — — R 41 W.  
P. & — — — R 8.

5 fms sticky bottom.

W. h in a line with y — — — R 43 W & S 28

10<sup>th</sup> Annulet on with h<sup>t</sup> 1 — — — R 83  $\frac{1}{2}$  S.

White ch<sup>t</sup> he<sup>o</sup> on with h<sup>t</sup> 2 — — —

From P. 1. The Bay, thence abt S  $\frac{1}{2}$  W. then  
west to ch<sup>t</sup> Point — — —



at 9.10 6 pm. med.

Cliff P' shaly in a point

S 32 W.

Cliff P' shaly in L. Point of Bay of P.

P. k. a woody bank, terminating in low flat rocks, apparently a split projecting a *crin* *chitana*.

Shale 2 over Centre white sh. N. W. ? — S 47 1/2 W.

P. k in a line with x — S 37 8 + N 37 W.

9.28. 6 1/4.

ry on with N. Ammerley — S 48 N 51 W

hill 2 on with summit white clay h. — S 46 W

~~white~~ cliff N. on S. P. Bay of P. — S 35 W

hill 1 in a line with N. P. of <sup>Palencia h.</sup> S 88 1/2 E. + N 88 1/2 W.

9.30. 6 pm. med. P. Ammerley on with a pt. — alt. S 8.

N. P. 2 white clay h. ? on with hill 2 — S 46 1/2 W

at 9.37. 6 pm. med.

N. P. 3 Palencia h. or with N. W. — S 84 1/2 W.

Manxham P. on with trace of } — S 26 E  
N. P. 4 Bay } — S 26 E

hill 1 over a pt on N. P. of <sup>Manxham</sup> ~~Palencia~~ } alt. S 83 E  
Bay, tending to East. } — S 83 E

11<sup>th</sup> April cont. 9.51 am. 5 pms mud.

White cliff in a line with Pt. of L. Carbon. <sup>(c)</sup> N 35. S. N 35 W

W. end of  $\alpha$  on with S'. end of  $\gamma$  — N 62 W

9.55 hills over a Pt. on Albert side of Bay — S 61 E

9.59. 5 pms heavy fog over Pt. end ~~of~~  $\alpha$   $\gamma$  N 68  $\frac{1}{2}$  W

at 10.1 Sailed to South  $\alpha$ .

$\alpha$

N 73 W.

$\gamma$

S 60 W.

W. Pt. of Carbon. <sup>(c)</sup> on with a Pt. to S. N 44 E.

Two on the Point — N 35 E

Ex. beam Grand S. — N 4 to 14 E

Piece on land? do — N 9 E

Ref. of Two P. on with N. of  $\alpha$  — N 30 E

9.5. Two S. on with Pt. of  $\alpha$  — N 24 E

10.17.

Point  $\alpha$  on with cliff Point —

N 42 W  
S 39 E to

10.20

Bay open of W. point of Grants hill — N 30 W

Point  $\alpha$  on with a Pt. on N. side of Bay — S 86 E



at 10.26 - 5 ft down  
P. i on with hill 2. — 899 1/2 W

P. i on with dimmit whitchock hl? — 851 1/2 W

10.28 - 5 pm. <sup>bad</sup>  
West end of Grant hl? on with EXT. of }  
! Low Point — grassy.

10.34. 8 on with pt. i. — 860 W

P. amnely on with P. k. — 870 1/2 W

10.38. 6 1/4  
8 on with center of Long Hill — 867 1/2 W

10.41 <sup>valencia 30'</sup>  
End of 8 on with P. amnely — 886 W

10.39 - 6 1/4 pm <sup>young</sup>  
8 on with hill 1. — 881 W 881 1/2 W

P. amnely on with Dist. from plan — 881 1/2 W

at 10.45 <sup>6 pm.</sup>  
Chk of Valencia hl? on with Panorsly - N 79 1/2 W

At 10.47. Tacked in 3 1/2. to the NE

P. amnely on with 9 — 877 W

P. e — 850 W

he: x — 868 W

Sandy high — 870 W

at 11. Tacked in 3 3/4. to the ~~SE~~ South

P. amnely — 860 W

P. e — 870 W  
Hill 1 — 888 W  
9 — 888 W  
Ja — 888 W





6% clay and 88%  $\text{CaCO}_3$ . Copying at 1/2 at 1/2 of mile  
them 5 3/4 - 4 3/4 - 4. 3 3/4 - 3 1/4 3 1/4  
low Pt. on with cent. white chff - 300.

37  
at 12.52 65

N. end white chff 80% or with cent. longhite 80% W  
5 1/2 5 1/4 - 5 3/4

The S. end of white chff 80% terminated in a very  
low sloping point of sand dunes, which run out  
nearly even with the water edge for a considerable  
distance.

5 3/4 at 12.56. A cliff of blue clay here. 88% 1/4 of  
mils. 5 1/2 - 5 1/4 - soft bottom

12.57. 5 1/2.  
Center Long. North of low Pt. low eastern of } 80% W  
white chff 80% }

12.58. Attention to S 1/2 W - 4 3/4.  
6 3/4. Sandy bottom - at 1

The last patch of blue clay in a line with 80%  
Cliff of white chff 80% - 80% W

P. Clay patch in a line with } 60% S +  
Long thin } 80% W.

12.60. Attention to S 1/2 W 6 1/2. Sandy bottom - (at 10 1/2 S +)  
Cliff of P. on with S 1/2 W and Helena h. } (at 10 1/2 S +)  
80% W. }

April 11. Pk. continued

6 1/2 - sandy bottom

at 1.7. At end to NW - 5 fms Murray. 6

6 1/4 - Cliff 134 8. 6 1/2 - 6 1/2 - 6 - 5 1/2 - 5 1/2 -

Soft mud -

at 1.17. rounded to, to point in 5 1/4 fms.

1.20 E. in 5 fms. mud.

Beasts from E<sup>1</sup> 2<sup>o</sup> 2 in Mt. Morris Bay.

Cliff Point - N 39 1/2 E.

L Dr. + Pt. e. to left abt 3.24.0

L Dr. to E end Valencia hl? 11.12.0

L Dr. to low part of Valencia hl? 15.20.

L Dr. to - 25.9

L Dr. to W end white cliff hl? 58.24

L Dr. to Summit Dr. 81.30

L Dr. - to ends Dr 66.40

L Dr. - to Dist. pier of land 71.38

L Dr. - 1 N. o. pt. of opening 86.60

L Dr. - 1 S. o. pt. of opening 96.25

- Dist. Hill 104.28.

- Long hill (Summit) 126.16

L Summit white cliff hl? to hill 2 (to left) 96.50

L white cliff 1 S. o. pt. of land right to Bay of Dr. (15.19)

- 1 N. o. pt. Bay of Dr. 2 25.56



For the log - 24. h. 2. Mount. Ararat. May

Crossed Point

Summit of Copeland h.:

2.39 1/2 h.

2.22 W

at 4 P.M. - Depth - 5 fms. - wind NE - Th. 88 1/2  
 Subtension of fine

10 P.M. - Depth - 5 1/4 - Whing - no wind at  
 wind SE -

11 - Depth - 5 1/2 -

Midst. - 4 3/4 - No wind at - Th. 82 -

Slight breeze of fine - with a haze over the  
 horizon

In a Boat from Cutler at  $\$1.00$  2 in  
Mount Morris Bay. to W. C. Colwell Jr.

---

at 200 yds from Cutler -  $5\frac{1}{2}$  fms mud

$5\frac{1}{2}$  . . . 6 . . .  $6\frac{1}{4}$  . . . . .  
6 . . .  $5\frac{3}{4}$  .  $5\frac{1}{2}$  - .  $5\frac{1}{4}$  . 5 . 5  
sand shales. hard bottom -

Shale 2 or with a point, nearly in  
a line with Cliff Point -

$4\frac{3}{4}$  . . .  $4\frac{1}{2}$  . . .  $4\frac{1}{4}$  . . . 4 . . .  
 $3\frac{3}{4}$  . . . 4 .  $4\frac{1}{4}$  . 4 . cliff Point  
in a line with Shale 2 - 4 fms -

4 . coarse sand shales -  $3\frac{3}{4}$  .  
 $3\frac{3}{4}$  - fine shales sand shales shales

$3\frac{1}{2}$  .  $3\frac{1}{2}$  .  $3\frac{1}{4}$  -  $3\frac{1}{4}$  - 3 .  $2\frac{3}{4}$  .  $2\frac{1}{2}$   
 $2\frac{3}{4}$  . Dark brown sand - hard bottom

3 . . .  $2\frac{3}{4}$  .  $2\frac{3}{4}$  . . .  $2\frac{1}{2}$  . 2 . . .  
. . .  $1\frac{3}{4}$  -  $1\frac{1}{4}$  brown sand sh  
also W. from the Mt. 1 . 1 . . .



No. 1000 Coleridge to on Custer Bay hills

1. Sand layers stones -

hanging up to the level to land

The blue clays to head - 1. . . .

... sand steamed - level below

...  $\frac{5}{6}$  .  $\frac{5}{6}$  . . . 1 .  $\frac{5}{6}$  .

Stems out: no of C. he. on water

hill 2 -  $\frac{5}{6}$  - abt 600 ft from

The cliff  $\frac{2}{3}$  -  $\frac{2}{3}$   $\frac{2}{3}$  -  $\frac{5}{6}$  . . . .

- covering the cliff abt 500 ft off -

$\frac{5}{6}$  - sand d'coral - 1 . .  $\frac{5}{6}$  .  $\frac{2}{3}$  .  $\frac{2}{3}$  .

3 1/2 feet 5 - 4 - 4 -

West point / Blank on water hill 2 - 5 feet

~~all the rocks from the P. to level  
Cute to the extent of the of the~~

From summit of Copeland Hill? with Kater

Mile 2 ————— 226.15

L<sup>o</sup> from Mile 2 to the right —

To Long Hill ————— 36.10

--- Dist. N. N. ————— 61.33

- S. point of opening — m —

- West point to west of Do — n — 72.50

- N. E. point of opening — o — 78.0

- W. end of large Hill — p — 82.8

- West patch of land — — 112.34

————— 115.14

L<sup>o</sup> to left of Mile 2 —

Mile 4 ————— 54.65

Cutler ————— 67.15

No. Mt. Bay of St. ? ————— 92.20

Barby Point ————— 127.0

L<sup>o</sup> from summit of Valencia Hill? to the right

The summit bearing ————— 24.30

L<sup>o</sup> to low part of Valencia Hill ————— 10.55

S E end Do ————— 15.58

— Pie ————— 17.36

— Pie ————— 27.7

— P. Coombe ————— 37.35

— white cliff ————— 43.23



L. from summit to level in N. E. to the left

to West test. off point hd? — 5.65

Center of E — 7.24

(E contains an L of — 1.16)

To East end of G — 25.31

West end G. — 28.45

To a very dist. mark on the horizon. S. 6.0

Land in patches, apparently an island,  
or is  $\frac{1}{2}$  from 37.37 to 44.2

Another from 46.7 to the N. point of the  
Large M.

---

<sup>line</sup>  
A very burning off the hd. in  $184\frac{1}{2}$  direction  
head from the summit 180. —

A point to E. of this 2 head — 218.0

---

From Culverat E - 2 in Mt. Ross's Bay.

L. Side 2 + 4 — (left) — 65.84

— Mt. L — (right) — 65.50

L. Mt. L Heronmit copeland hd. — 82.5

12<sup>th</sup> April.

8<sup>th</sup> P.M. Depth 5 1/4 - No set of tide - Weather  
breeze & cloudy - Ther. 83 -

Apr 13 <sup>th</sup>	at 5. Depth 5 1/4. No set of tide
5	5.30 Brought in to Spang Chain. Hoisted sails... 6. Mast. & cloudy - 8.15 weighed & made sail West.
6	6.30 Summit of Copeland M. height 6.55. Spent bottom. 5 1/2 6 1/4 at 7. 5 1/2 and bottom: 6 1/2. at 7 1/2 to West. 6.52 to West - 7 pm. reflection at 7.59. Shading water very poor, haul took 7 1/4. 5 1/4 6 1/2 5 1/4. 5. 4. 3 2 1/2 - 2. 1 1/2. Tightly touching for 5 minutes - the deck and water - at 7.52. 8. 7.59. Tacked on the 85 feet. upper tacking a 2. 2. 2. 1 1/2. 3 2 1/2. 2. 1 1/2. 8. Mast & cloudy. 8 <sup>th</sup> . Tacked to the N. in 7.59. Tacking on 6 1/4 pm. time - 8.18. Tacked to South in steep - 2. 2. 2. 2 and - 2 1/2. 3. 3 1/2. 4. 5 at 8.8. 7. 8. 7. 5. 4. 5 4. 7. 5. 3 1/4. Shad. at 8.18. 3. 2. 1 1/2. 1 1/2. 1 1/2. 1 1/2 3 1/4. 3. 2. 1 1/2. 1 1/2. 1 1/2. 1 1/2 5 1/4. 5 1/4. 5 1/4. 5 1/4. 5 1/4. 5 1/4
7	In the South part of S. of Mount 8
8	Summit Bay -

April 13<sup>th</sup> 1818. - Am

at 6.15 weighed. & completely buried in the mud  
made sail West.

5 pm. 5. 5. 4 3/4.  
at 6.30. Attain coming to NW.  
Summit Copeland M.

Cliff P.

Site 2

5 pm - 5. 4 3/4. 4 1/2. 4 1/4. 4. 3 3/4. 3 1/2

North  
2468

1570



6.58 - 52 above

W. end of on with New and Copeland hls. - N 5 1/2 W

Cliff Point - N 33 E

3 1/2 : 3 3/4 : 4 : 4.

alt. 42 - 4 fms. soft bottom - Attan. to NW -  
8' end Copeland hl? on W. end }  
Palencia hl? }

N 24 E

Camp Pt.

N 52 1/2 E

6.66 - 6 1/4

E opening of W. end Copeland hl? - N 18 1/2 E

6.69 - 6 1/4

low part of Palencia hl? on S. end Copeland. N 38 E

6.50 1/2

Summit of low W. end Copeland hl? - N 28 E

8.51 1/2 - 6 1/2

1 1/2 thick 2 in a line - N 51 E - 851 W

5.52 - 4 3/4

2 on with ~~45~~ 55? hnd of Copeland hl? N 43 E

5

Cliff 6.56 3/4 - 5 1/4 - N. of Copel? hl? N 59 E  
on with low 8.5 N. of Copel? hl?

6.55 - 5 fms. hard bottom -

W. end Copel? hl? on low part of g - N 36 1/2 E

Arb 5

N 29 W

Cliff Point

N 59 E

N 4

N 22 1/2 E

6.50 - 5 $\frac{1}{4}$  hard bottom

Wt. part of Copel? he. on S. Pt. of E - 2638

at 6.59 $\frac{1}{2}$  - 6 fms Summit of on O. S. in Bay. 13/W. 2638

mean hole 2

6 $\frac{1}{2}$  - 6 $\frac{3}{4}$  - fms. hard bottom

6 $\frac{1}{2}$  - 7 fms soft bottom

7.3 - 7 fms soft bottom

7.7 - 7 fms soft bottom

7.15 - 7 $\frac{1}{4}$  fms

7.15 - 7 $\frac{1}{4}$  fms

7.17 - 7 fms soft bottom

7.17 - 7 fms soft bottom

7.17 - 7 fms soft bottom

7.17 - 7 fms soft bottom

7.17 - 7 fms soft bottom

7.25 For Tain. Tapers rights Am.

Summit Copeland hl? - 2858

Mean 2 - 2660

Cliff Point - 2770.

1. . . . 6 $\frac{3}{4}$  . . . 6 $\frac{1}{2}$  . . . 6 . . . 5 $\frac{3}{4}$

. . . . 5 . . . at 7.45. 5. 4 $\frac{3}{4}$  . . . 4 $\frac{1}{2}$  . . . 4 $\frac{1}{2}$

4. 3 $\frac{1}{2}$  . 3 . 2 $\frac{1}{2}$  . 2 .



7.49 - 2 fms. (hard bottom) landed at 8.8  
 Summit Copeland H? 8720  
 Mch 2 8560  
 P. 1 8560

1 3/4. 1 3/4. upel bumping over the ground.  
 7.52. 1 3/4. Bumping over the ground.  
 Mch 5

Summit Copeland H? 8708  
 Mch 2 8700  
 Log Mch 8550  
 Mch 4 ~~8538~~

2<sup>nd</sup> and large H? from Dick - 8160.  
 Deepend water standing to the 28.° point  
 after this to 2. 2 1/2. 2 3/4. . . . 3. . . hms  
 sand - 3. nearly 3. 2 3/4. 2 1/2. 2 1/4. 2 1/4.  
 2. 2. at 7.58. nearly 2. - nearly 2. -  
 heading to the west to track -

at 7.59. Tacked in 1 5/6 fms. backwiping sand.  
 Summit Copeland H? 8638  
 Mch 2 8620  
 Summit 9 8548  
 Mch 5 8250  
 P. 1 8590

Dist. Min ————— N 77 W  
Long Branch Hill ————— S 53 W  
Extremes of large hill ————— N 17 to 47 W  
P. m  
measures N 17 W. at 1/5 of mile ————— N 54 W.

after Cony road. 2 fms. 2 - 2 - 2 1/4 - 2 1/4  
2 1/4. 2 1/2 - 2 3/4. 2 3/4 . . . 3. sandy hard  
bottom. 3 . . . 3 1/4 . 3 1/2 - 3 3/4 - 4 tops.  
6 1/4 mud - on this track laid S 1/2 E.

at P. 8 - Tacks in 4 1/4. Mud to the N. W.  
Summit Copeland Hill: ————— S 85 E  
Hill 2 ————— S 12 W  
P. 1 ————— N 57 W

4. S 1/4 3 1/4 | S 1/2 3 1/4 | 3 . . . S 1/2 at S 18 . . . S 1/2 m. hand to the  
Summit Copeland Hill ————— S 92 E.  
Hill - 2 ————— S 14 W  
Summit Copeland Hill ————— N 54 E

3. Sand Knob: 3 1/4 . . . S 1/2 mud 4 1/4. 4 1/2 4 1/2 . . . . .  
2. 39  
part of Copeland Hill: on the hill 4 - 960 ft S 60 W

S . . . 5 1/4 . . . . . 5 1/2 . . . 5 3/4 . . . 8. 35 - 5 1/4  
4-5/16



at 8.47. 6  $\frac{3}{4}$  pm. misty.

Hill 2

S 18  $\frac{1}{2}$  W

Summit Copeland Island - S 83  $\frac{1}{2}$  E

at 9.0 Hill 2 S 20  $\frac{1}{2}$  W }  
at 9.57 No 6  $\frac{1}{4}$  Summit Copeland? S 83  $\frac{1}{2}$  E }

at 9.23 Steep North. 7 fms

Hill 2

S 22 W

Summit Copeland Is. 2

S 88 E

at 9.38 5  $\frac{1}{4}$  fms -

Hill 2

S 19  $\frac{1}{2}$  W

Summit Copeland Is.

S 61. E

Point 1

N 75 W

On with a sound hill to be noted.

Hill 5.

N 33 W

Then changed bottom from sand to mud.

N 10 E

Course of 4 (Point to corner at 9.48)

at 10.21 Hill 2 The wind N 60  $\frac{1}{2}$  W. 6  $\frac{1}{2}$  fms.

Summit Copeland Is.

S 9 W

at 10.33. 5 fms head bottom of sand.

Hill 2

S 39 E

Summit Copeland Is.

S 8  $\frac{1}{2}$  W

S 35 E

at 10.38 - 6 1/2 top of wind -

P. m. H. point Long hill at. - N 73 W

Summit Colerain h. - 1348

hill 2 - 18 1/2 W

Center 2 - 2558

Center 3 - 2268

hill 5

237 W

W. E. summit of h. - abt. N 17 W

Carx Jy on with Long hill 2268 & 2266

N. 6. 6 3/4

Summit Colerain h. 2 - 2258

hill 2 - 22 W

hill 5

258 1/2 W

at 12.10. being stered NWN time last

head, stered North

2<sup>nd</sup> Feb 5 -

{ 286 1/2 W  
286 1/2 E

12.54 - 9 1/2 fms

2 on with 1: end of 2y - abt. 2908

12.56

Round Nelson with opening between } N 21 W  
2 Islands -

hailed up to the wind - NWN



2.57

Mch 2 ————— S 2° E  
 Mch 5 ————— S 64 W  
 Round Hills ————— N 22 W  
 N. P. C ————— N 50 W  
 N. W. B ————— N 28 W  
 B ————— from N 23 1/2 W to N 11 1/2 E  
 Part of Grants Hl. ————— N 50 W  
 Body of Salween Hl. ————— S 67 E.

1.35. 1st run.  
 N on with h: end of g ————— S 61 E  
 Mch 5 ————— S 49 1/2 W  
 Mch 2 ————— S 1 W  
 S. P. B ————— N 39 W  
 S. W. B ————— N 43 W  
 N. P. C ————— N 78 W  
 N. W. B ————— N 9 E  
 Body of Grants Hl. ————— N 88 E  
 Body Salween Hl. ————— S 41 E.

This on P: on with 2 P.5 ————— N 25 W  
 This on on with h: end of g ————— N 22 W

Hypomete made on sandy S. W. of B. on with h: end of g N 26 W

Round hill on north side of Mill Pond C N 20 W

Round hill on north side of Mill Pond N 19 1/2 W

Two Eastern Pt. of Bon with ea. of. N 50 E

East of M.E.

East of M.E.

North 5 to Run of S.W. B - S 20 W N 23 E

N.W. Pt. H. Pt. B - N 49 E

West of C N 10 1/2 W

2 1/2 miles from S 1/2 - 4 - 5 1/4 - 5 3/4 sandy -

S 8 E. Mt. of B (2 bluffs) - N 77 E

S 8 W. B on with Entry of Breaker of S. Pt. S 1/2 S

S. Pt. on S 8 W. B

S. Pt. on S 8 W. B - S 67

ht. ? center on with S. low sandy Pt. of B - S 69 E.

Round

Two bluffs in one part of low rocks of bluffs N 20 W of M. C

642.

Two on S. N. B on with bluffs S point B - S 63 E.



S. 12. Tacked on 6 1/2 to the R.A.C.

SS Pt. (Black) of B — S 59 E  
Mile 5 — S 17 1/2 W

S. 30 Tacked to the SS —  
Black Pt. of B — S 44 E

Mile 5 — S 15 W

Round Mile Point on with Pt. to W. — N 18 W

4. 35 E. in 11 3/4 fms. Shales. Stones &  
sand. — used to refurn chain. — S 5 1/2 W

Mile 5 —  
Point off D — S 7 W  
Bottom of Bay — S 20 E

N. Black of C — N 14 1/2 W

Reefs off D — N 13 W

Breaker off D — abt. N 9 W

No. Pt. B — N 50 E

S. P. D. (True) — S 52 1/2 E

S. E. Ext. of (with Valentignol) — S 52 1/2 E

S. Point (Vandygott) — S 52 E

W. Pt. East. — S 28 1/2 W

N 28 1/2 E.

April 14<sup>th</sup> AM. Wind S.S. fresh again -  
 at 1. Tide running 1 1/2 knots N. hour to South.  
 2. Depth 12 fms. Do. - Ther. 81 1/2  
 Fresh breeze of fine mist. Wind S.E.  
 3. Depth 11 1/4. - Same set of tide -  
 4. - - 12 fms. Do. Wind S.E.E. Fresh  
 breeze delovely, with lightning to the Eastw. &  
 Westw. - Ther. 80 1/4. -

12 fms at.

noon on 14<sup>th</sup> Merit. alt. writing 69. 39. 30 "

Cash Crocker \_\_\_\_\_ on 2888.  
 M<sup>rs</sup> J \_\_\_\_\_ 85 2868.  
 Sand Hills \_\_\_\_\_ 7. 2808.  
 Miles out to Sand Beach \_\_\_\_\_ 2868.  
 P. C \_\_\_\_\_ 218.  
 Centre of the 2 Id<sup>s</sup> \_\_\_\_\_ 87 W

Extremity of Ids from West head. alt. 260

at 12.22 = 9 1/2

A green faint opening sound N. C. (extremity). 280 1/2 8.

Centre of the P. C. summit <sup>head of</sup> Centre of the Bay. 2482.

A small Id. or cloud opening sound <sup>part</sup> 2388



Sand hills <sup>not to the S. hills</sup> over

Center of North <sup>of 2 hills?</sup> — 1398

Sand hills on west Center of North <sup>of 2 hills?</sup> of the 2 hills? — 1398

12.60-

Hills not low peak on with bases on } East  
North point of C

A long low flat running off the h. <sup>end</sup> of the West end  
of the 2 hills? The 2 hills joined together by  
a low rocky sandy spit —

12.61. 10 fms ~~to~~ muddy bottom —

at 12.63. 10 fms

C. Crocker's Hill on with Bushes on the } 1366.  
S. end of North end 2 hills? —

Jan 3 fms 12.46  
S. 3 peaks on with North Bushes of c. 1375 b.

12.52 8 fms  
C. Crocker (h. c. stream) on with h. <sup>(rocks)</sup> N. of c. 1368.

7/4 - 7/6.

12.52. 7/6 havers to the wind on land. trees —

Center of 2 hills?

1368.

N. c. — 1376 8

C 1

1382 8

14th Oct.

7 fms mud —

ced. of S. 20 ft

7 fms f. a with 1 c1 — S 70 E.  
a with c1 — S 70 1/2 E.

7 fms on N. c. on with traxon S. c. — N 40 E.

6 3/4 do — on with thickets-clump of S. c. — N 36 E.

6 1/2 — 6 1/2

6... at 1.40 5 3/4 .. 5 1/2 .. 6 1/4 ... 6 ... at 1.30

at 1.57. 6 fms. mud

N. Clump C. a with a high N. 2.

5 3/4 ... 5 1/2 ... 5 ... 4 3/4 ... 4 1/4

{ N 2 1/2 E  
N 2 1/2 W

7 fms on S. to side C. a. a deni — N 6 E

at 2.17 Packed in 4 1/2 cotton rocks & traxon.

High Point —

S 10 W

~~7~~ Windmill —

N 25 E.

c1 island —

N 35 S.

c1 Point —

N 5 E.

2 h. 77 —

North

9 1/2 fms + sides open to S. of c1 island — ~~at~~

N 87 1/2 W  
N 45 1/2 E

5. 4 3/4. mud. 5. ... 5 1/4 ... 5. ... 5. ...

S. 7 fms of C. a. rim with low side N 5 W to S E.



Feb. 14<sup>th</sup>

26 LW  
31 South  
4 16:20

226  
36 11

at 12.30 papers a very low  
windy day with a few bushes on the ground  
1 hauler in South for a duck light in the East  
7/10 ... 7 ...  
5/4 ... 5 ...  
6/4 ... 6 ...  
8/2 ... 8 ...

at 12.40 ...  
at 1.40 ...  
at 2.17 ...  
at 3.4 ...  
at 4.16 ...  
at 4.34 ...  
at 5.17 ...  
at 5.52 ...

at 6.14 ...  
at 6.52 ...  
at 7.10 ...  
at 7.52 ...  
at 8.17 ...  
at 8.52 ...  
at 9.10 ...  
at 9.52 ...

a rope of low skinned rock, seen off ~~some~~ <sup>at 2 miles from</sup> the windmill  
point, which is, so named from ~~the~~ <sup>stone trees</sup> with summit being the  
appearance of one ... This surrounded by shoal water, touching  
near the shore -

at 2.45 - 5 fms <sup>green</sup> soft mud -  
L Island on water South c 9 15-20

5 fms mud at 3.5 sand & broken shells  
5 fms 5 sand & Island 100° E - P! c 4 18 hr  
non  
at 3.7 &

Pole 1.4<sup>th</sup>  
at 9. Depth 5 fms - No set of tide -  
- 10.30 Same depth. Tides rising very much to the  
W. W. W. - Squally & cloudy with rain at times  
11 - 5 fms - 80 - Fair weather -  
12 - 80 - 90 - The 81 - bound S S S. Mod.  
& cloudy -

In a Boat, from Cutter at 1' in  
Bay - tow<sup>d</sup> Red x

5. . . 4 1/12 - . 4 5/6 . . . Shells & stones, 1'  
or 5' depths from the Cutter - 4 5/6 - . 4 2/6
- 4 3/4 hard bottom - 4 5/4 - dark coarse sand.
- 4 1/2 . . . 4 1/4 . 4 . 3 5/6 . 3 3/4 . . . 3 1/2 . . .
- . . . 3 1/4 <sup>hung on</sup> Sandy point c. on with New
- Bay 4 1/2 - f c 1 on with its rocky bl. -
- 3 1/6 - 3 1/6 . 3 1/12 - . hard bottom . . .
- coarse brown sand . . . 3 . . . 2 3/4 muddy  
bottom with sand & shells - hard - 2 . . 1
- 1 1/4 Braided corals & stones . 1 . 2/3 . 2/3
- 5/6 att. 130 yds. off -



From rocky island station

W. (with knots comp.) — 292.15

L. to right from W. with pocket sextant

To extremity of rocks off New N. of Bay — 47.58

To Point — 51.9

— Zoopry mound — Summit — 64.20

L. from W. to the left —

To Pt. 9 — 19.55

— High point — 71.20

— Windmill — 84.0

— Range of trees S. of Windmill — 100.6

Bottom of the Bay at — 118.0

L. from Windmill to left

To Red cliff in a line with a rocky isle 59.22

From rocks at 30.40 to S. of the above  
situation — W. (with knots) — 273.20

W. C. 1 — ~~to left~~ D. — 574.30

P. next to it — 89.0

P. f — 106.0

From pitch of Pt. C1 - with Water Comp

Pt. G	289.50
High point	252.45
Windmill	201.45
Ramp of Tower	189.65
As slope before set	174.30
P. F	abt. 129.65
P. next C1	abt. 109.30
Center of rocky island	102.0
	258.0

In Boat from a Bay to S. of next Pt.  
to C1.

2 1/4 fms - S. Pt. of Rocky Is. on with NW  
W. of the Bay - 2 1/4 - 2 1/4 steering for  
the center - 2 1/4 - 2 - 2 - 2 - 2 1/4  
2 1/4 - 2 1/4 - Rocky Is. open about its own  
length to the N. of C1 - about 300 or 400  
yards distant from C1



Cutter as before - on pulling from her -

From 2<sup>nd</sup> - P.M. April 14<sup>th</sup> - Palm Bay. 1

Bees of 2<sup>nd</sup> station on Rock X }  
with Acemitt Comp. - } 18 3 2 2.

C. from D. to the left, with pocket skant -

% P. next to C. 1. 56

- C. 1 - alt. 6. 20

- Grassy mound - 58. 55

- Clump of Grass on South C. - 113. 18 -

- Extremity of the Land - 114. 30

- Supposed bush on N. C. - 106. 45 -

C. from same place to the right.

% Point f. - 7. 20

Rocky Island in a line with red cliff 25. 18

Range of Trees - 71. 20

Windmill. - 84. 55

High Point - 103. 16.

Extreme island from Deck g. - 170. 6

- Westward - 178. 6

Pell. 15<sup>th</sup>

Employed staying the most -  
at 4. Depth 5 fms note of tide - wind S. E. 8.

Moderate breeze & cloudy near the horizon -  
Ther. 84.

5. Depth 5 fms - Sea settling very much to the  
W. W. - Ther. 82 $\frac{1}{2}$ . Most breeze from S. E.

with cloudy heavy weather to the South. ? S. E. 8.  
8. Ther. 81 $\frac{1}{2}$ . - Squally with much rain -

Am. 16<sup>th</sup> April. Wind S. E. 4.

at daylight observed 4 Malay boats to the South  
standing to the N. W. -

5. Prose of water depth 5 fms - Light wind. Ther. 79

7 weighed the Best Broom & set the stream 5.

8. Sea running  $\frac{1}{2}$  of wind N. W. to the S. E.

Moderate breeze of fine weather - wind S. E. Ther. 81 $\frac{1}{2}$ .

8. 40 weighed with the wind moderate at

S. E. 1, east on the bar. took 1 at

8. 61 stored S. E. W.

5 on with wind mild 0' - - - 198

9. 25

6 $\frac{1}{2}$

S. W. of opening on with wind mild - 308

Wind mild on with Centre of Bay of winds

Running off of it



9.27. 6 = - east-bottom.

P. 101. on with trees of Windmill, c  
center of any of rocks along cliffs -

outer Bank of Bay off Windmill Pt. on  
with Windmill - 1369

P. 0 on with Bay of Rock-Masonry d. w.  
from Windmill - } 1338

9.29. 5 fms ~~1338~~

Int. point of view of Windmill - 1358.

9.32. 5 1/2

outer Bank on with Bay of Bay - 1308

South c

1358

Windmill

1348.

High white <sup>Bank</sup> point opening of a Bay Bank - 1468

Small outer bank on with sea bluff - 12518.

9.51. Allens to 1 1/4 mi - 7 fms. mid. -

c

1408

Windmill

12788

High Bank

11962

9.54. Allens to 1042

Windmill Bank

Outer P.

12721

P. c

12648

1208

Continued -

g - N 63 W

at 10.7 hauled to the wind showed on sails  
tack - for some Malay canvas.

Wendover Paint - N 63 E  
Outer Paint - N 55 E  
Paint c - N 10 1/2 E  
g - N 59 W

White Blank - 861 E

Sherry - 546 E

P. S. - 539 E

Te: K - 522 1/2 W

High Paint - 518 W

Red Chiff - N 46 E

Range of trees - alt. N 70 E

10.35: jibins started to the N. - home too -

at 10.49 jibins started work.

c - N 9 E

Wendover P.

Outer Paint - N 53 E

Outer part of sails. (not substituted) - N 46 E  
N 26 E

g High P. - N 59 W

K - 520 1/2 W  
525 1/2 W



628

838

862

White Bluffs

Beard? from 2 1/2 in Palm Bay -

Bartholomew C1. ~~at 1000~~ throw

C1. ~~at 1000~~ 838

Nest W. to C1. ~~at 1000~~ 838

C. f. ~~at 1000~~ 838

Rocky Is? ~~at 1000~~ 838

Red cliffs ~~at 1000~~ 838

Range of trees ~~at 1000~~ 838

Outer point ~~at 1000~~ 838

Windward Point ~~at 1000~~ 838

High Point ~~at 1000~~ 838

~~at 1000~~ 838

Taking up 16th on Bermuda. Ave.

N 81.10 W at 5.50 P.M. 838

81.20

81.0

81.10

81.10

5.54

April 10<sup>th</sup> Palm

at P. Mostly cloudy but fine. Ther. 89 $\frac{1}{2}$ .  
Wind E.S.W.

April 17<sup>th</sup> AM - Mostly cloudy -

at P. Heavy cloudy weather to Mr. Parker's.

2. ~~PM~~ Wind E.S. Mostly Ther. 81 $\frac{1}{4}$  - No tide -

2. 30 Squally with ~~light~~ black cloudy weather &

rain - breeze to 25 <sup>km</sup> hr

4. Squally with heavy rain & storm of P. each cloudy weather.

Wind E.S.W. Ther. 80 $\frac{1}{4}$  - No tide -

Rearings of Anchorage - No. 3 of Palm Bay.

Center of 2 Islands. ————— N 12 E

Pt. C ————— N 20 E

Point of Trees ————— N 10 E

Point of Trees ————— S 37 $\frac{1}{2}$  E

Point of Trees ————— S 38 E

Monsieur ————— S 25 E

Side of land near Pt. C ————— S 20 E

Height Pt ————— S 7 W

Pt. of North West side of Bay. S 22 W

g ————— S 75 W

c i ————— N 76 $\frac{1}{2}$  E

rock off c i ————— N 73 E

Pt. g ————— S 75 W

height ————— N 22 $\frac{1}{2}$  E

Pt. g ————— N 23 $\frac{1}{2}$  E

Pt. g —————

Pt. g —————

Pt. g —————



17<sup>th</sup> April .am

at 9. Wrights from S. N. 3. Address ~~18~~ 18.

9.14 attens to S $\frac{1}{2}$ W.

9.37.

9. \_\_\_\_\_ N 89 W

High Point \_\_\_\_\_

10  $\frac{1}{2}$  W

Red Point - (windmill) \_\_\_\_\_

14 S.

9.57 windmill P. \_\_\_\_\_

at 78

C

N 128

g

N 82 W

High P. \_\_\_\_\_

N 11  $\frac{1}{2}$  W

S

N 20  $\frac{1}{2}$  S

at 10.28 16  $\frac{3}{4}$  - banking to wind to Webb's Stand East

Wendmills Point. \_\_\_\_\_

S 81 E

High Point. \_\_\_\_\_

S 9 E

Point opposite to it. \_\_\_\_\_

S 11 W

L

N 69 W

C

N 28 E

S

S 79 E

r

N 34 E

k

N 37

Bushy Point \_\_\_\_\_

S 38

Nearest part of the land (at 2 miles) S 83 W

at 10.48 6 3/4 muddy bottom

& shuffling in with s — 147 1/2

& on with dist. No. 0 — 1488

6 1/2

& on with plat of high land on S. w } 1608  
of ashore he }

at about bearing we were abreast of a  
point head. Dist. about 1 1/2 or nearly 2 miles  
off. W. H. of which are 2 Sainy Bays — the  
S. one trending in to a faint Pass. N.W. at  
same dist. "

at 11.5. 5 1/2

Centre of 2 W Bay on with a reef in shore — West.

Low with pt. to E. end of reef — 1728

No. 1 of C on with White Blk — 1828  
in line with corals in 2nd Bay.

Centre of outer small Is. on with he? C. 2688

Centre Mahouta Is. <sup>low</sup> on with ~~bottom~~ 2668  
below

Centre of Mahouta Is. <sup>low</sup> C on with opening 2628  
between C & P. C

P. g on with littoral of reef — 2298



Centre of Mangrove be? mouth opening below } N 56 E  
L N 2 L

Centre Mangrove be? mouth centre of l - N 33 1/2 E.

1140. E. in 1/4 fms. top of same mud -

Noon. West. alt. W. King - 68. 20. 10

Beauf. for E. P.

High Land of C - N 23 E

South Submerity - N 20 E

Low on W - N 30 1/2 E

No. N. of M. L - N 36 1/2 E

N. L - N 42 1/2 E

High point - N 55 E.

Sandy patch in Bay - S 28 E.

Barby point - N 4 E.

S. end of Bay - South.

A N. - S 18 1/2 W

N. end of Bay - N. with a point - S 30 W

Ship 1 - S 78 W

P. h - N 33 W

Low sandy Point - [Extremity not visible] - N 28 1/2 W

Bay of Rocks off Bay 2 - N. W. W

from West head -

L' from ~~point~~ 9 to the eight

To outer extremity of rocks - 2. 58

To E. Bank of Island - 42. 20

Continued

1° To west end of K ————— 56.10  
To Pier on K ————— 58.57  
East end of K ————— 60.54  
Outer Windmill Point ————— 62.36  
NW Pt of W. ~~1~~ ————— 66.0  
Opening between W. & W.P. 1 ————— 70.15  
Ship Point ————— 83.20

1 between 9<sup>th</sup> ————— to the left 5.0  
————— 10<sup>th</sup> ————— 74.54

1° from hole 1 to the left.

To Point 1 ————— 64.60  
NW end of Bay & Point ————— 67.24  
To a point (M) ————— 59.12  
SE end of Bay on with stone hole? — 77.20  
NW end of Bumble Point ————— 89.40  
8<sup>th</sup> end Do ————— 93.40  
Sandy patch ————— 108.20  
Pt. North of sandy patch — 115.39



17<sup>th</sup> Feb. at 10. Light breeze spin wear. <sup>Wind SWS. Hk. 8 1/2</sup>  
at 11. Light breeze spin wear. <sup>Wind SWS. Hk. 8 1/2</sup>  
with a party hauling the line.  
Midnight. Light and unvariable to calm. Wind SWS.  
Thur. 82. Fishing Boat returned, with some fish. - hauled her up.

18<sup>th</sup> April. Am.

at 8. Thur. 83.

10. Depth 35/6. Line sinking to the bottom very weak - wind S.E. Fresh spin. Thur. 86 1/2.  
Sent a Boat to a white-cliff at 88 fathoms Bay for a tin of fresh water.

noon. <sup>W. at 10.</sup> by Mr. King - 67. 58. 50  
- 67

Fresh breeze spin wear. Thur. 86 1/4 - Depth 4 fms  
no line coming.

18<sup>th</sup> - at 8. Wind E.H. - Light breeze spin. Thur. 86 1/2  
Depth 4 1/4 fms. - Adversely perceptible tide setting  
W.S.W. - At Boat on shore at the S. Pt. of Lantoran  
to the Bay hauling the line

19<sup>th</sup> Am. - at 5. Squally heavy weather with  
much rain & lightning to the South? - Wind S.W.  
at 6<sup>th</sup> weather better sinking W.W. <sup>Thur. 78</sup> The wind from N. to E.H.  
8. Mosty breeze at E.H. & dull heavy weather -  
Thur. 78 1/2. Tide sinking weak to the N.W.  
8.45. Shortened in hoisted sails.

8.51 weighed. were moved to the North? - Wind S.W.

Stems NW - 3 1/4. By the coast it is low water.

9.0<sup>6</sup> Outer patch of Rocks off k.

N 37 1/2 E

3 3/4

N. end Rocks off k on with N. Pt. L. k. ? N 69 1/2 E

Rocks in Bay 2

Centre of ~~R~~ smooth Pt. g - N 30 W

at 9.26. from 4 1/4 to 3 3/4. 3 1/2. 3 1/4. 3 1/4

hauled up N 1/2 E. 3 1/4. 3 1/2. 3 3/4. paying a slight proportion in the coast - or low? hand.

3 3/4. . . . 4. . . . 4 1/4. . . . 4 1/2. . . . 4 3/4. . . .

9.33. 5 fms mud -

N. Pt. of Rocks off 2. N. Bay. in } S 81 E to N 8 W  
align with N. Pt. of l }

at 9.40. 5 1/4 mud -

x on with N. Pt. of Rocks off k. C - S 88 E

5 1/4. . . . 5 1/2. . . . 5 3/4. . . .

9.48. 6 fms - align to N. Pt. of l. -  
Base of g

c - N 62 W

Rocks between Point

N 29 E

r -

N 65 E

k -

S 60 E

i -

S 29 E

Brushy Point

S 8 W

6

S 12 E





11.11 Altius to 1W  $\frac{1}{2}$  L -  $6\frac{1}{2}$  -  $5\frac{1}{2}$  r.  $5\frac{1}{4}$   
Burken. —————  $269\frac{1}{2}$  E

P. g nearly on with a —————  $248$  E.

Centr low he? —————  $287$  W

5. —  $5\frac{1}{2}$  - . . . 5 -  $43\frac{1}{4}$  — hand meas.

W. no show land he? on later Pt. g. —  $269$  W  $269$  E

11.20. —  $6\frac{3}{4}$  — hand.

Centr low he? on with subsond truss g.  $273$  W  $273$  E

11.23. altius ADW -  $4\frac{1}{2}$  -

Centr low 2 low he? —————  $264$  W

Entol of P. g ————— (domestique)  $284$  E

$4\frac{1}{2}$  -  $4\frac{3}{4}$  - . . .  $5\frac{1}{4}$  . . .  $5\frac{3}{4}$  -  $6$  -  
Mud.

Burken of C on with cut off g —————  $266\frac{1}{2}$  E  
 $6\frac{1}{2}$  -

Burken of C on with g. —————  $267\frac{1}{2}$  E.

66. — Mud -

at 11.33 Altius Comm to West -  $6\frac{1}{2}$  -

g —————  $260\frac{1}{2}$  E

Centr low he? —————

P. a —————  $233$  E

W ————— West

—————  $233$  E



1. 44' eastern side of the opening slightly in grass  
Center fairly bc. — N 6 1/2 W

Edge P. g. — N 6 1/2 W  
6 1/4 something lower in here

noon. Lying too  
Prev. alt. — W. key — 67.44.20

2 — N 6 3/4 E

Center of low delta — N 10 1/2 E

3 (a. stub in behind it) — N 81 1/2 W

4 One on an E. side of the horizon — N 74 1/2 W

5 1' point of opening — N 24 1/2 W

Wt. point to — N 36 W

w — N 60 E

Rockes — N 36 W

Prevalent ht. in Bay (at 1/2 mile) — N 15 E

N 28 - 5 1/4

8 1' point of opening. + Center of low } N 15 1/2 W +  
ht. in a line — alt. } N 15 1/2 E -

5 1/2 - 6 survey bottom - 5 1/4 -

12.34 - 4 fms

A point near of 8' ht. of lute on north side. N 1/2 E

8 1/4 -

P. 2 inside 8' ht. —

3 1/4 -

— N 38 E.

12.43 - 4 1/4 hrs. Allowance North  
Center boundary line N 33 E

Turn of 9 — N 62 E

1' P. of spring — N 24 E

West Point — N 18 W

Bottom of spring at 100 miles deep N 6 E

P. a. a. with —

Breakers on with P. a. — N 76 W

at 1.11 8 1/2

P. of spring — N 82 W

Center of low — N 66 E

West point of opening — N 21 1/2 E

East Pt. Do — N 92 E

Breakers inshore about 1/4 of mile distant

at 1.15 turn North

Low —

— N 67 1/2 E

at — N 82 E

Center of spring —

— N 29 E

—

— West

— N 86 W



Line on line?

N 68 $\frac{1}{2}$ W

Breaker in a continuous line between Coker  
The Horse st.  $\frac{1}{4}$  mile off.

Center of Saw line? on with c. about N 72 $\frac{1}{2}$  E

9 on a line with a — S 97W N 87 E

Breaker on with Break on Break h. — N 83W  
Break h.? connected with N. x by a thin —

5<sup>th</sup> opening of a

S 86 $\frac{1}{2}$ W

6 on with a Break

S 88W

a on with break

S 85 $\frac{1}{2}$ W

N 29 $\frac{3}{4}$  E

h. on Break h.? on with 6

S 86W

h. on Break h.? on with a —

S 81W

h. on of Ray off Break h.? on with  
Breaker

S 89W

at 1.58 - after ~~to west~~  
with Break h. —

S 9W

Cent opening

Cent Saw h. —

S 50 $\frac{1}{2}$  E

S 89 $\frac{1}{2}$  E

Bush on with W. W. of Hering - 1358.

1897 best away west

Bush on with center of Hering - 1398

Low h. - 18928.

c - 156w

at 2.6. 9 1/2 mms

Bush

P. c - 1508

148 1/2 w

at 2.12. 9 1/2 -

W. W. of Hering on with P. c

1428

Cur low h. ? just inside from the ditch - 18928

P. c

1396w

~~P. c~~

Bush

15828

at 2.22 - 9 1/2 - mms -

Bush

1658

c

1508

a

120w

Breakers inside from a. - 1536

Butt? Kilo'om with P. c

19w

(Bear W. in Bush Book to Comm in leaf)



Oct 3. 3.

10 fms soft sand - having previously had sand  
gone P. c. (Barby c) — 2598

Strong Point — 2418

Shull Point — 278

6 — 2886

at 3.5 Howard — 188

2 points opening of Strong Pt. — 2788

a P. opening of ~~E~~ e — 2468

across W. opening Strong Pt. — 2798

3.26 hours to the wind on land! back 26.5.  
Strong P. — 2818

P. c (Barby c)

W. c (west end? bank) — 2108

— 2468

A point opening around ~~E~~ e

2522

~~Point~~ Point, like on with point ~~point~~ to P. c

2108

High Point opening of P. c

2558

at 3.55 for Timbupras - 9 1/2.

From Pt. Estero (Cubye)

Stony bank

N 8 W

N 4 W

2

Mt. (South)

S 74 E

N 6 W

at 4.00 at Mt. in West part of the <sup>Island</sup> of St. Agnes

at 4.10 at West part of Red cliffs 3 - S 67 E

8 1/2 - at 4. -

at 4.5 - 8 1/2.

at 5.00 at Stony point on with Rock c - N 10 W

2

2

at 5.10 at highest part of Red cliffs

at N 72 E

S 78 E

Mt. (South)

S 13 W

at 5.20 at Small Pt. in N. side of (Mt. P.) S 63 1/2 W

Round Pt.

S 32 E

at 5.30 at Red cliffs in Bay 1

N 28 E

6

N 66 W

at 5.40 at Mt. 1 on with a point trending to the S 12 W

at 5.50 at Mt. 1 on with a point trending to the S 12 W

7 1/4 . . . . . 6 1/4



4.38 - 6 3/4 mud.

Stony point

P. 6

N 17 W.

Northern Hill (2)

abt. 200 W

High red cliff

abt. S 23 W.

3<sup>rd</sup> red cliff

N 31 E

Opening

N 80 E

Paint Point

N 88 E

S 48 E

60 . . . 6 1/2 -

at 4.53 Tacked in 6 3/4 to the North

Stony point

N 16 W

High Red cliff or 2?

N 15 E

2<sup>nd</sup> red cliff

N 56 E

Paint Point

N 81 E

Southern Hill

N 17 W

Island Point

N 61 W

Outer Point or with X 6

N 60 W

Black Point

S 9 W

Green Head

S 22 W

Paint P.

S 5 E

A white cliff spring of the North part of Paint Point } 178 E

5.15 - 4 3/4 mud.

White cliff sticking in behind Paint Pt. } 135 E

4 1/4 . . . 5 mud . . .

5-44 S.S. 8.

6-16 m.e. -  
6-16 S.S.  
5.

Ebb

8 1/2 - 7 1/4 7/4 at 4.50. Tacked to the North?  
 7... 6 1/2... 5.27 Tacked to the S.E.  
 6 1/2... 6... 5.50 S with the Best Row  
 6 1/2 - 6 3/4 7/4 in 4 fms - veered to 10 fms  
 6 1/2 - 8 1/2 6  
 5 1/2 - 5 3/4 4 1/2  
 5 1/2 - 5 3/4 4 1/2  
 4 1/2 - 4 1/2 2 1/2  
 4 1/2 - 4 1/2 2 1/2  
 4 1/2 - 4 1/2 2 1/2

6. Most of the day  
 cloudy weather -

at 6. Most to be seen they cloudy met. -

5.22. 4 3/4.

Center of Long Hill over Round Point - S.S. 8

5.27 - 4 1/2 Tacked to the S.E.  
 Strong N.W. on -

Over point between them a delta that in - N 35 W.

Green Head - N 1/2 S 1/2 W

South Hill

Round Point

Bluff Point

High Riv Cliff

3<sup>rd</sup> Riv Cliff

Point

6

2<sup>nd</sup> Point

Round Point

Depth of the Bay

White Cliff h.e. of Round Point.

Point of

at 5.37 - 4 1/2 - Mod. -

South the Extremes of Round Point - S 6 1/2 W



at 5.42. 4/4

Bluff Point with Eastern of Round P. S 15 1/2 W

4 1/4 - - - 4

at 5.42

at 5.48 Point Head S 8 1/2 E

79.40

79.10

78.30

5.50

at 5.51 Round to Sat 5.53 8' in 4 fms  
left muddy bottom -

Beast. ~~large~~ indifferent. King nearly dark -  
but spotted off towards -

3<sup>rd</sup> Red cliff (S:W) ~~100'~~ N 61 E. 4500 fms

Cliff to N. of Round Point S 12 W S 44 W

Round P. Entrance S 32 W S 30 W

Green Point S 36 W S 44 W

Point opposite B

He? P: - abt S 69 W

2<sup>nd</sup> Point N 78 1/2 W N 79 W

W - N 70 W

ab. N 66 1/2 W

N 37 W - abt N 37 W

N 26 W

Opening - S 86 1/2 E

20<sup>th</sup> April 1876 - Am. Mistral North.

- at 1. Squally with rain & dense cloudy weather  
Wind E.S. - Depth  $4\frac{1}{2}$  fms. - No tide.  
2. More moderate with cloudy near & rain.  
Wind S.E. - Ther.  $78\frac{1}{4}$  -  $2\frac{1}{2}$  - Depth 4 fms.  $1\frac{3}{4}$  fath.  
Ebb running to the North?  $\frac{1}{5}$  of mid P. hour. -  
2.30 Wind shifted to S.E. - slight tremor. -  
4 - Depth  $4\frac{1}{3}$  fms. - No tide. - Wind E.S. Moderate  
and cloudy weather. - Ther.  $78$ .

20<sup>th</sup> Am.

at 9.30 Depth  $3\frac{3}{4}$ . Tide ebbing weak to the NW?  
weighed from St. No. 1 in

1 lb. - 4 fms. - . . .  $4\frac{1}{2}$  - . Mud.

9.38 -  $4\frac{1}{2}$

1 $\frac{1}{2}$  mile on with extent of Rain & Pan. 22 lbs  
sandy Skates. -

9.39  $\frac{1}{2}$  -  $4\frac{1}{2}$  -

1 $\frac{1}{2}$  mile on with extent of Rain & Pan. 118  $\frac{1}{2}$  W

6  $\frac{1}{4}$  - 9.40  $\frac{1}{2}$

Extending Round about on with 136  $\frac{1}{2}$  W

9.41 - 4 fms head

on white clay

110  $\frac{1}{2}$  W

9.42 - 3  $\frac{3}{4}$  head bottom

on with Pa. f

136

9.43 - 3 $\frac{1}{2}$  on east of Long hill

112  $\frac{1}{2}$  W



557  
2/27/74



East Cliff

Looking West

East Cliff

Partly stony and  
with patches of light  
green vegetation

Depend No. 1

April 26

at 10.38 Am. Centre of New Spain Mt. 3 low North  
 Centre of McClellens Mt. 3  
 Summit of Andersons Mt. 3 — 1380 W.  
 6.30 P.M. Centre of New Years Mt. 3 — 1327 W.  
 Centre of New Years Mt. 3 — 1396 W.

Sugar April 26

From Summit of Round Hill 9.53  
 Centre of Chunks — 2.45  
 Long Barks Hill 2.45  
 Long Barks Hill containing } 10.55  
 an angle of — } 2.15  
 Long Barks containing } — 2.7  
 an angle of — }  
 Round Hill an angle — 1.52

From April 7<sup>th</sup> 1818 Thursday 27<sup>th</sup>

396 3.28  
 2054 2.10 11-5  
 413- 3.40 27

3





