

L. Track of His Majesty's armed Brig Lion from England to Davis's Streights and Labrador, with C determining the Longitude by Sun and Moon and Error of Common Reckoning; also the Variation and Dip of the Needle, as observed during the said Voyage in 1776. By Lieutenant Richard Commander of the said Vessel; communicated by Nevil Maskelyne, D. D. F. R. S. and Astronomer

N. B. The day is set down according to the log-book.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Therm. in the shade.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	N ^o of obs.	Errors of quadrant.	Winds.	R	
							☉'s alt.	☽'s alt.								
June 10	20 0 8	N 49 20	W 6 26	W 6 36	61	0 10	L. L. 36 32 40	L. L. 42 55 40	61 16 30	NW	W	3	D alt. + 1	S	icily ifles :	
	Noon.	49 23 A	7 5	7 15	61	0 10	-	-	-	-	-	-	-	S	izard East	
11	Noon.	49 20 A	8 36	9 3	63	0 27	-	-	-	-	-	-	-	NW	qually wit	
12	7 P.M.	49 12	9 25	9 52	-	-	6 48 20	-	-	37 46	24 21	3	-	NW	} An unftē compar	
	D ^o nearly.	49 12	9 26	9 53	-	-	4 25 0	-	-	34 37	24 39	6	-	-		
	Noon.	48 3 A	10 9	10 58	62	0 49	-	-	-	-	-	-	-	NW	Under cour	
13	Noon.	46 55 A	11 0	12 14	61	1 14	-	-	-	-	-	-	-	WSW	Much rain,	
14	Noon.	47 8 *	11 22	12 37	61	1 15	-	-	-	-	-	-	-	WSW	Strong gale	
15	Noon.	47 59 *	12 12	13 43	60	1 31	-	-	-	-	-	-	-	SW	More mode	
16	Noon.	48 22 *	13 36	15 33	62	1 57	-	-	-	-	-	-	-	WNW	Moderate a	
17	Noon.	49 13 *	14 21	16 29	61	2 8	-	-	-	-	-	-	-	SW	Little wind:	
	7 P.M.	49 33	14 20	16 28	-	-	15 50 0	-	-	48 30	-	3	-	-	-	These I hav
18	7 P.M.	49 33	14 20	16 28	-	-	15 35 0	-	-	55 40	-	3	-	NE	A fine plea	
	Noon.	50 11 *	15 59	18 33	60	2 34	-	-	-	-	-	-	-	-	-	-
19	Noon.	50 45 *	16 50	19 37	62	2 47	-	-	-	-	-	-	-	SE	Fine weath	
20	Noon.	52 2 A	19 5	22 31	59	3 26	-	-	-	-	-	-	-	SW	Hazy at tir	
21	7 31 0	52 30	18 42	22 27	-	3 45	L. L. 5 31 50	32 6 50	54 1 50	-	-	6	D - 2 50	-	} Consider Sun the clear.	
	Noon.	52 30	19 10	22 27	-	3 17	4 13 0	30 10 10	54 1 30	-	-	6	D - 1 0	-		
	Noon.	53 21 *	19 16	22 50	57	3 34	-	-	-	-	-	-	-	NW	Coming or	
22	3 38 24	53 27	19 45	22 55	-	3 10	L. L. 39 20 40	46 37 40	63 50 55	-	-	6	-	-	} The log last agrē	
	2 53 40	53 27	19 37	22 55	-	3 18	45 35 6	43 53 26	63 35 26	-	-	9	-	-		
	Noon.	53 45 A	18 16	22 8	58	3 42	-	-	-	-	-	-	-	WNW	Strong gale	
23	Noon.	54 53 A	16 53	21 8	59	4 5	-	-	-	-	-	-	-	WNW	Strong g	
24	Noon.	55 36 *	14 30	19 47	61	5 17	-	-	-	-	-	-	-	NW	fatt to t	
25	4 6 20	55 25	13 54	19 50	-	5 56	U. L. 34 55 10	26 47 0	96 50 0	-	-	6	D + 8 30	-	} Dip Face E. Face W. Face W. Face E.	
	4 14 8	55 25	14 6	19 50	-	5 44	33 50 30	27 27 0	96 53 25	-	-	6	D + 8 30	-		
	4 35 32	55 25	13 58	19 50	-	5 52	30 52 10	29 8 30	97 0 55	-	-	6	D + 8 30	-		
	Noon.	56 18 *	14 25	20 8	59	5 43	-	-	-	-	-	-	-	WNW		Fine Day.
26	Noon.	57 18 *	14 40	20 10	58	5 30	-	-	-	-	-	-	-	NNW	Moderate	
27	5 33 56	57 15	15 32	20 26	-	4 54	U. L. 22 47 20	17 44 20	119 56 5	-	-	6	D + 1 30	E	} A very good Foggy w of N smoot	
	Noon.	57 4 *	16 31	21 7	58	4 36	-	-	-	-	-	-	-	NW		
28	Noon.	56 38 *	17 44	22 20	61	4 36	-	-	-	-	-	-	-	N	} Calm; tries 320 fatho two miles fathoms; time saw of land not about 19 n fo bore aw	
29	3 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	Noon.	57 0	18 2	22 38	58	4 36	-	-	-	-	-	-	-	SW	Swell from	
30	Noon.	57 52 A	21 32	26 8	58	4 36	-	-	-	-	-	-	-	SE	Carried aw	



*with Observations for
riation of the Compass
Richard Pickersgill, late
nomer Royal.*

Remarks, &c.

ci'ly ifles about North of us.
izard East of us.
qually with rain; a great swell
An unsteady sea, though the
compass flood pretty well.
Under courfes.
Much rain, &c.
Strong gales with rain.
More moderate.
Moderate and clear; a great swell
Little winds and clear weather.
Thefe I have not worked.
A fine pleafant day.

Fine weather.
Hazy at times.

Considering the height of the
Sun thefe not bad ones; air
clear.
Coming on to blow hard.

The log between thefe and the
laft agrees pretty well.
Strong gales.
Strong gales, vefel drifts very
faft to the Eaftward.

Dip.
Face E. mark up, 76 30 }
Face W. ditto, 75 0 }
Face W. markdown, 74 0 } 75
Face E. ditto, 74 30 }

Fine Day.

Moderate weather.

A very good fet.
Foggy weather, like the banks
of Newfoundland, water
fmooth.

Calm; tried foundings, and got ground at
320 fathoms; drifted to the N.E. about
two miles, and founded again in 290
fathoms; fine white fand: at the fame
time faw a fhag, gulls, and other figns
of land not far from hence. By running
about 19 miles NE by N. left foundings,
fo bore away, calling it the Lion's Bank.

Swell from the Southward.

Carried away the fore-yard.

		Noon.	57 0	18 2	22 38	58	4 36	-	-	-	-	-	-	-	-	-	-	-	SW	U to bore aw Swell from
uly	30	Noon.	57 52 A	21 32	26 8	58	4 36	-	-	-	-	-	-	-	-	-	-	-	SE	Carried aw
	1	Noon.	58 25*	25 31	30 2	54	4 31	-	-	-	-	-	-	-	-	-	-	-	SSW	S.W. swell
	2	P.M.	58 25	26 10	30 41	-	-	24 40	0	-	-	-	-	53 33	32 5	3	-	-	-	-
		Noon.	58 20*	29 35	34 6	54	4 31	-	-	-	-	-	-	-	-	-	-	-	SW	-
	3	P.M.	58 0	0 29	35 0	-	-	16 34	40	-	-	-	-	38 40	34 42	3	-	-	-	-
		P.M.	58 0	30 29	35 0	-	-	15 35	30	-	-	-	-	36 30	35 16	6	-	-	-	-
		P.M.	58 0	30 29	35 0	-	-	14 46	40	-	-	-	-	34 49	35 41	6	-	-	-	-
		Noon.	58 3	30 56	35 27	57	4 31	-	-	-	-	-	-	-	-	-	-	-	NE	Cape Fa long. b
	4	Noon.	58 38	34 24	30 55	48	4 31	-	-	-	-	-	-	-	-	-	-	-	NE	-
	5	Noon.	59 12	37 28	41 59	50	4 31	-	-	-	-	-	-	-	-	-	-	-	NE	-
	6	Noon.	59 11	41 16	45 47	48	4 31	-	-	-	-	-	-	-	-	-	-	-	ENE	The Easter Saw Ca N by V about
	7	4 0 0	59 24	12 5	46 36	-	4 31	-	-	-	-	-	-	-	-	-	-	-	-	-

U fore away, calling it the Lion's Bank.
Swell from the Southward.
Carried away the fore-yard.
S.W. swell, lost all our birds.

} Very good observations and the
vessel steady, when made.

Cape Farewell's lat. $59^{\circ} 38' N.$
long. by obl. $42^{\circ} 42'' W.$

The Eastermost part of it.
Saw Cape Farewell bearing
N by W. by compass, distance
about 7 or 8 leagues.

A continuation

A Continuation of the Track of His Majesty's armed Brig Lion, from Cape Farewell along Greenland, for the Determination of the Position of the Coast, as likewise the Dip, Varia

Days of the Month	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Therm. in the shade	Error of common reckoning	Log time as read off quadrants		Distance observed.	Azi-muths.	Variations.	N ^o of obs.	Error of quad.	Winds.	
							O's alt.	D's alt.							
							L.L.	U.L.							
July 8	18 52 22	59 46	0 46 47 1/2	48 47	-	2 0 30	24 19 0	36 52 0	76 11 30	-	-	-	None.	N	Very fine Lar off dee
	6 0 0	59 53	0 46 19	48 47	-	-	24 36 30	36 53 0	76 11 0	-	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	24 42 0	36 53 0	76 10 0	-	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	24 32 30	36 52 40	76 10 50	-	-	-	None.	SE	Clear v
	Noon	59 44	0 46 42	49 10	40	2 28 0	-	-	-	-	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	23 37 0	-	44 30	-	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	23 31 0	-	44 0	41 38	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	23 25 0	-	44 0	41 38	-	-	None.	SE	Clear v
	6 0 0	59 53	0 46 19	48 47	-	-	23 32 0	-	44 10	41 38	-	-	None.	SE	Clear v
9	Noon.	60 1	0 46 13	49 40	38	3 27 0	-	-	-	-	-	-	None.	N	Clear v
10	Noon.	60 12	0 47 18	51 21	38	4 3 0	-	-	-	-	-	-	None.	NNW	Hazy,
11	Noon.	60 30	0 47 38	51 41	36	4 3 0	-	-	-	-	-	-	None.	Variab.	Much i
12	6 0 0	-	-	-	-	-	21 42 0	-	44 0	-	-	-	None.	-	Cape
	6 0 0	-	-	-	-	-	21 39 0	-	44 0	39 0	-	-	None.	-	for
	6 0 0	-	-	-	-	-	21 34 0	-	45 0	39 0	-	-	None.	-	for
	6 30	60 40	0 47 45	-	-	-	21 38 0	-	44 15	39 0	-	-	None.	-	Very
	6 30	60 40	0 47 45	-	-	-	17 53 0	-	39 0	38 20	-	-	None.	-	Very
	6 30	60 40	0 47 45	-	-	-	17 48 0	-	39 0	38 20	-	-	None.	-	Very
	6 30	60 40	0 47 45	-	-	-	17 44 0	-	38 30	38 20	-	-	None.	-	Very
	6 30	60 40	0 47 45	-	-	-	17 48 0	-	38 50	38 20	-	-	None.	-	Very
	6 30	60 40	0 47 45	-	-	-	20 0 0	-	SE	41 0	-	-	None.	-	The
	6 30	60 40	0 47 45	-	-	-	20 11 0	-	58 0	41 0	-	-	None.	-	clo
	6 30	60 40	0 47 45	-	-	-	20 20 0	-	57 30	41 0	-	-	None.	-	whi
	6 30	60 40	0 47 45	-	-	-	20 10 0	-	57 50	41 0	-	-	None.	-	effe
	6 30	60 40	0 47 45	-	-	-	20 32 0	-	57 40	40 52	-	-	None.	-	hav
	6 30	60 40	0 47 45	-	-	-	20 40 0	-	57 40	40 52	-	-	None.	-	regu
	6 30	60 40	0 47 45	-	-	-	20 45 0	-	56 10	40 52	-	-	None.	-	105
	6 30	60 40	0 47 45	-	-	-	20 39 0	-	57 10	40 52	-	-	None.	-	of t
	6 30	60 40	0 47 45	-	-	-	20 39 0	-	57 10	40 52	-	-	None.	-	ragg
	6 30	60 40	0 47 45	-	-	-	20 39 0	-	57 10	40 52	-	-	None.	-	with
	Noon.	61 28	0 48 9	52 12	40	4 2	-	-	-	-	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	15 28 0	-	53 0	-	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	15 33 0	-	54 0	48 58	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	15 39 0	-	54 0	48 58	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	15 33 0	-	53 40	48 58	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	18 4 0	-	52 0	49 46	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	18 11 0	-	52 30	49 46	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	18 15 0	-	52 30	49 46	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	18 10 0	-	52 20	49 46	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	23 37 0	-	46 0	45 22	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	23 42 0	-	46 0	45 22	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	23 47 0	-	46 30	45 22	-	-	None.	E	Land fr
	Noon.	61 28	0 48 9	52 12	40	4 2	23 42 0	-	46 10	45 22	-	-	None.	E	Land fr
	Noon.	62 11	0 48 0	52 3	39	4 2	-	-	-	-	-	-	None.	Calm.	Dip of

along the West Coast of
), Variation, &c.

ds.	Remarks, &c.
	{ Very good observation; water smooth; amongst a field of ice. Land from NE to SE, distance off 8 or 10 leagues, making in deep bays.
	Clear weather; fast in the ice.
	{ Water smooth; land at NE to SW 5 leagues. Dip, Face E mark end down, 76 50 Face W ditto, 77 00 Poles changed, Face W ditto up, 76 15 Face E ditto, 76 30
W	Hazy, no land in sight.
ab.	Much ice.
	{ Cape Defolation E 4 leagues, soundings at 146 fathoms.
	{ Very good.
	{ These observations were made close to one of the ice glances, which I did not find had any effect on the compass as some have imagined. Had very irregular soundings from 80 to 105 fathoms about 4 leagues of the land, which is high and ragged, being mostly covered with snow and ice.
	Land from SSE to NE.
	{ Dip of the needle, mean 80 50 The large ice glance NE about 5 or 6 leagues off.
	{ Tried the dipping needle, the mean of the four sights gave 81 10.
	{ About 5 leagues off shore, the land high, and the soundings filled with frozen snow, even to the tops of the hills.
	Dip of the needle 81 30.

	Noon.	62 11	0 48	0 52	3 39	4 2	23 42 0			46 10				Calm.	Dip of
										NW					
							25 2 0			42 0					} Many coast leagu in.
							25 0 0			43 0	46 54		None.		
							24 58 0			43 0					
							25 0 0			42 40					
14	7 0 0	62 12	0 48	15			17 56 0			28 40					} Clear w
							17 46 0			27 40	48 17		None.		
							17 40 0			28 30					
							17 47 0			28 3					
	Noon.	62 50	0 49	0 53	3 40	4 2								N	} Land leag
15	Noon.	63 14	0 49	53 53	56 41	4 2								SW	
16	Noon.	64 38	0 51	26 55	32 42	4 6								SW	} Thick of roc day's miles
17	Noon.	64 57	0 52	56 1/2											
							Double being reflected hor.			Nearest L.					} There on ft zon, by r tude: clear the for t
							68 48 0			68 1 0					
							68 18 0			68 3 0					
							68 0 0			68 4 0					
							67 40 0			68 5 0					
							67 18 0			68 6 15					
							67 10 0			68 6 0					
21	3 25 15	64 55 13	52 53 1/2		61		67 52 20			68 4 12					

· Dip of the needle 81 30.

· { Many isles off this part of the coast, and foundings about 12 leagues off, though none close in.

· Clear weather.

{ Land from N 30 E to S 2 E 3 leagues off.

{ Thick weather; land NE to SSE 4 leagues off.

{ Thick weather; fell in with a ridge of rocks, 28 miles E. from hence. This day's Southerly wind found the ship 17 miles to the N. of account.

· { At anchor in an harbour, called Musketto Cove, until the 27th.

{ These observations were made on shore with a reflected horizon, and the latitudes settled by many good meridian altitudes; the weather fine and clear, so that I can answer for the observations, though not for the working.

A further

A further Continuation of the Track of His Majesty's armed Brig Lion, from Mofketto Cove to the End of Davis's Straits, &c.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Therm. in the shade.	Error of common reckoning	Log time as read off quadrants		Distance observed.	Azi-muths.	Variations.	No of obs.	Error of quad.	Winds.	Remarks.
							° ' s alt.	° ' s alt.							
		N					L.L.	U.L.		NW					
					61 in the day, & 54 in the night		reflected hor.		68 11 0						By these observations to lay in the dip of the Flow of the High water A. M. Dip, Face Face W d Poles chau Face E.
July 21	3 43 4	64 55 13	53 0				65 35 0		68 12 0				None.		
							65 15 0		68 12 0						
							65 1 0		68 12 30						
							64 30 0		68 13 0						
							64 20 0		68 13 30						
							64 8 0								
							64 48 25		68 12 20						
							62 49 0			60 0	50 48		None.		
21	4 0 0	64 55 13	52 56 1/2		61					66 2 1/2	50 24		None.		
27	Noon.	64 49 0	54 25 1/2	58 31	43	4 6								N	
28	Noon.	64 40 0	55 29	59 35	39	4 6								NNW	
29	Noon.	65 14 0	58 10	62 16	37	4 6								ENE	
30	Noon.	65 38 0	59 30	63 36	44	4 6									
															No foundings. Little or no ice close to the dip of the Mark Poles
							15 50 0			SE					
							16 2 0			45 0					
							16 29 0			43 40					
31	19 0 0	65 48 0	59 10							43 0	54 0				
							16 7 0			43 50					
Aug. 1	Noon.	65 49 0	59 8	63 14	29 1/2	4 6									Sailing aloft rigging fr Loft fight of
2	Noon.	65 46 0	58 19	62 25	40	4 6									
3	Noon.	65 36 0	58 19	62 25	42	4 6									Saw another ward. These f and c fwell
4	Noon.	66 53 0	58 8	62 14	40	4 6								S	
5	Noon.	67 43 0	58 50	62 56	36	4 6									At 12 thi and near Valt quan and a gre
6	Noon.	68 10 0	56 46	60 52	38	4 6									
7	Noon.	67 32 0	58 41	62 47	40	4 6									Fresh gales, Saw high leagues, Light airs ing high with fno
8	Noon.	67 20 0	56 17	60 23	42	4 6									
9	Noon.	67 10 0	55 11	59 17	41	4 6									Little wir leagues 60 to 25 Standing i ward, w
10	Noon.	66 40 0	55 1	59 7	43	4 6									
															NW
							15 20 0			39 0					
							15 17 0			37 0					
							15 12 0			39 0					
							15 5 0			38 30					
							15 1 0			39 0					When tl Mount about fi fathoms.
							14 57 0			40 0					
							15 10 30			38 45					
11	7 0 0	66 38 0	56 48								not worked.				
11	Noon.	66 30 0	56 31	60 37	46	4 6									Land from no found
							12 4 0			23 30					
							11 47 0			24 30					
							11 37 0			22 30					
							11 26 0			22 20					
							11 19 0			21 0	56 54		None.		
12	7 30 0	66 26 0	56 15				11 14 0			21 30					
							11 34 30			22 32					When there w ther fin to SSW leagues Christia for
							4 37 0			5 0					

to Cove, Greenland,

Remarks, &c.

By these observations I deduce this Cove
 to lay in latitude 64 55 13 N.
 and longitude 52 56 30 W.
 Variation 50 36 0 W.
 Dip of the needle 81 22 30
 Flow of the tide, springs, 14 f.
 — — — neap, 9 f.
 High water full and change at 10h. 15'
 A. M.
 Dip, Face E mark end down, 82 30
 Face W ditto, 81 15
 Poles changed, Face W ditto, 80 30
 Face E. — — — 80 15

No soundings, clear weather.

Little or no ice, and steady weather.

Close to a very extensive field of ice,
 and an appearance of land at the back;
 the dip of the needle as underneath:
 Mark end up, face E. 86 0
 — — — face W. 85 40
 Poles changed, face W. 85 50
 — — — face W. 85 30

Sailing along the field of ice to the N. E.
 rigging froze

Lost sight of the ice.

Saw another large field of ice to the East-
 ward.

These four days sometimes thick fog,
 and others clear weather, a heavy
 swell from the South.

At 12 this night was in latitude 68 14,
 and nearly the same longitude as at noon.
 Vast quantity of very large ice islands,
 and a great sea, with thick weather.

Fresh gales, thick weather, and ice islands.

Saw high land bearing N. E. distance 20
 leagues, a great swell, and little wind.

Light airs all this day; the land appear-
 ing high, and in many places covered
 with snow.

Little winds from the S. W. about four
 leagues from the land soundings from
 60 to 25 fathoms, sandy ground.

Standing in and out to get to the south-
 ward, wind S. W. blows strong.

When these observations were taken
 Mount Cunningham bore SSE, distance
 about six leagues, depth of water 65
 fathoms, sandy ground.

Land from SE to ENE. seven leagues off
 no soundings.

When these observations were taken
 there was little ice in sight, the wea-
 ther fine, sea smooth, the land from E.
 to SSW. which was high and about 12
 leagues off, being that part named
 Christian Sound, and where the Danes
 for some years worked a silver mine.

										11 34 30					22 32						
12	7 45	o 66 27	o 56 15	-	-	-	-	-	-	4 37 o 4 28 o 4 25 o 4 21 o 4 15 o 4 12 o 4 8 o 4 5 6	-	-	-	-	5 0 5 45 6 0 6 40 4 30 3 50 5 0 4 40	55 50	-	None.	-	-	there w ther fin to SSW leagues Christis for fon and as ftrong a be one, cafon t
12	Noon.	66 2	o 56 45	60 51	44	4	6	-	-	4 19 o	-	-	-	-	5 11	-	-	-	SW	Land in fig	
13	8 o	o 65 58	o 55 49	-	-	-	-	-	-	7 25 o 7 16 o 7 7 o 6 57 o 6 44 o 6 37 o	-	-	-	-	23 10 23 45 21 40 22 45 22 5 20 30	47 23	-	None.	-	-	{ The exti SW. di
13	Noon.	66 7	o 54 43	58 49	53	4	6	-	-	7 o 40	-	-	-	-	22 19	-	-	-	-	{ Within river, w Land from	
14	Noon.	65 12	o 55 52	59 58	50	4	6	-	-	-	-	-	-	-	-	-	-	-	SBE		
15	Noon.	65 22	o 56 12	60 18	40	4	6	-	-	-	-	-	-	-	-	-	-	-	-	{ Hard gal sea, wir	
16	Noon.	-	- 56 50	60 56	42	4	6	-	-	-	-	-	-	-	-	-	-	-	WSW	Thick clof	
17	Noon.	65 22	o 55 29	59 35	44	4	6	-	-	-	-	-	-	-	-	-	-	-	SSW	Foggy wea	
18	Noon.	65 3	o 54 2	58 58	-	4	6	-	-	-	-	-	-	-	-	-	-	-	-	{ The lan large h	
19	4 o	o 64 32	o 53 50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	{ Dip, ma Poles ch	

there was little ice in sight, the weather fine, sea smooth, the land from E. to SSW. which was high and about 12 leagues off, being that part named Christiag Sonnd, and where the Danes for some years worked a silver mine, and as this coast has in many places strong appearances of iron ore, this may be one, and in all probability may occasion this high variation.

Land in sight.

{ The extremes of the land from NE. to }
2 SW. distance six leagues.

{ Within one mile of the mouth of a rocky }
2 river, with a rapid tide.
Land from E. to ENE. very high.

{ Hard gales with much rain, and a great }
2 sea, wind SWBS, weather thick.

✓ Thick close weather, with little wind.

Foggy weather.

{ The land like Islands. Caught many }
2 large hollibutts.

{ Dip, mark end up, face E. 83 30 }
face W. 84 40 }
{ Poles changed, face W. 85 0 }
face E. 85 0 }

A Track

A Track of His Majesty's armed Brig Lion, from Davis's Straits to the Coast of Labrad

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Magnetic variation in the shade.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	No. of fog.	Errors of quadrant.	Winds.		
							☉'s alt.	☽'s alt.								
						L.L.		U.L.								
Aug-19	Noon.	64 43	53 25	58 31	41 4	6	-	-	-	-	-	-	-	-	-	The land n ing in Ma
							33 12	16 33	60 0	30						
							33 5	16 39	60 1	30						
							33 0	16 42	60 2	0						
19	2 16	64 34	52 30	-	-	-	32 57	16 45	60 4	0						
							32 54	16 47	60 4	0						
							32 50	16 51	60 5	0						
							32 49 40	16 42 50	60 2 50							These obf yet as tl agree wit regard to I cannot them
							32 42	16 59	60 5	30			None.			
							32 36	17 3	60 6	0						
							32 31	17 7	60 7	0						
19	2 22	64 34	52 50	-	-	-	32 27	17 10	60 8	0						
							32 22	17 12	60 9	0						
							32 20	17 14	60 10	0						
							32 29 40	17 7 30	60 7 35							
20	Noon.	64 33	54 35	58 41	-	4 6	-	-	-	-	-	-	-	-	-	A very hea us to th had on de This night being ove aurora bor quarter, b beautiful
21	Noon.	63 56	54 15	58 21	36	4 6	-	-	-	-	-	-	-	-	-	
							5 30	10 40	84 9	0						
							5 19	10 38	84 11	0						
							5 6	10 36	84 11	0						
21	A.M.	63 36	53 20	-	-	-	4 54	10 32	84 12	0						By the obf the error have incr have incr alter the think the the truth.
							4 42	10 25	84 11	0						
							4 28	10 23	84 13	0						
							4 59 50	10 32 20	84 11 10							
22	Noon.	62 19	53 4	58 3	44	4 59	-	-	-	-	-	-	-	-	-	High land l was the la Moderate bre
23	Noon.	60 58	53 14	58 13	-	4 59	-	-	-	-	-	-	-	-	-	
24	Noon.	60 2	52 28	57 27	46	4 59	-	-	-	-	-	-	-	ESE	Ditto, with n	
25	Noon.	58 4	52 46	57 45	52	4 59	-	-	-	-	-	-	-	E	Fresh gales.	
26	Noon.	56 17	53 38	58 27	54	4 59	-	-	-	-	-	-	-	NE	Fresh gales.	
27	Noon.	54 54	54 10	59 9	56	4 59	-	-	-	-	-	-	-	NE	Cloudy weath	
28	Noon.	53 4	53 15	58 14	56	4 59	-	-	-	-	-	-	-	-	Saw the first i	
29	Noon.	53 7	52 6	57 5	60	4 59	-	-	-	-	-	-	-	WNW	Much ice.	
30	Noon.	53 33	53 9	58 8	60	4 59	-	-	-	-	-	-	-	SW	Much ice.	
31	Noon.	53 25	53 58	58 57	-	4 59	-	-	-	-	-	-	-	-	-	Round Hill leagues, w America, 53 32 N Greenwic

We anchored in Porcupine Harbour, where we staid until the 26th of September, and from thence to England; which being a common rout, I shall conclude with a few general observations on the world, so little known and so terribly represented by people who, in order to raise their own imaginations and difficulties of common occurrences; merely because the places are unknown, and therefore the probability of their ever being contradicted. I do not mean this as a personal reflexion; but having conversed with many of the masters of Greenland vessels, as well as their employers, and heard such dire reports of those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, that those who from a laudable principle would be benefactors to their country, but are deterred from

Labradore.

Remarks, &c.

{ The land near Balls River in sight, making in Islands.

{ These observations are very good ones, yet as they give too little, and disagree with the rest, I did not pay much regard to them, nor alter the track, as I cannot answer for the working of them.

{ A very heavy gale of wind, which obliged us to throw overboard the guns we had on deck.

{ This night, for the first time (the gale being over and fine weather), saw the aurora borealis, which began in the S.E. quarter, but was neither so strong nor so beautiful as in the southern hemisphere.

{ By the observations on the 10th, I find the error of the common reckoning to have increased 55 miles, and by these to have increased 50 miles; therefore shall alter the track to the observations, as I think them a sufficient confirmation of the truth.

{ High land Ebs distance 32 leagues, which was the last we saw.

Moderate breezes, and no ice to be seen.

Ditto, with mists.

Fresh gales.

Fresh gales.

Cloudy weather.

Saw the first ice Islands on the Labradore.

Much ice.

Much ice.

{ Round Hill Island, bore N.W. six or seven leagues, which being the eastern part of America, I make it to be in latitude 53 32 N. longitude 54 29 W. of Greenwich.

from thence proceeded
ions on this part of the
own merit, make dan-
d there is little or no
but having discourd
ach dreadful stories of
us, tending to mislead
red from it by such re-

with many of the hunters of Greenland, as well as their employers, and some of those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, than those who from a laudable principle would be benefactors to their country, but are deterred from presentations; and I appeal to those series of facts for the truth of my assertion. The weather is, in the spring and autumn, boisterous; the seas run irregular, like the Gulph of Livonia, in places I could instance (that is short and high); occasioned (I imagine) by the narrowness of many impediments it meets with from the ice, and its being open to the southern parts of the continent. As the south winds are always the strongest, bring thick weather, and the greatest sea, so the north winds bring fine clear weather, and are seldom strong. I shall here finish these observations, with the particulars of the ice, the atmosphere, the land of Forbisher, and of a north west passage, in a short time.



...ous, tending to mislead
red from it by such re-
eather in Davis's Straits
of Lions, and other
efs of the Straits, the
of the Atlantic Ocean.
he northern ones bring
e particulars of them,
er, and the probability

L. Track of His Majesty's armed Brig Lion from England to Davis's Streights and Labrador, with Observations for determining the Longitude by Sun and Moon and Error of Common Reckoning; also the Variation of the Compass and Dip of the Needle, as observed during the said Voyage in 1776. By Lieutenant Richard Pickersgill, late Commander of the said Vessel; communicated by Nevil Maskelyne, D. D. F. R. S. and Astronomer Royal.

N. B. The day is set down according to the log-book.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Therm. in the shade.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	Z ^o of obs.	Errors of quadrant.	Winds.	Remarks, &c.	
							☉'s alt.	☽'s alt.								
June 10	20 0 8	49 20 N	6 26 W	6 36 W	61	0 10	36 32 40	42 55 40	61 16 30	-	-	3	☽ alt. + 1 ☽ - 1	S	city lies about North of us.	
	Noon.	49 23 A	7 5	7 15	61	0 10	-	-	-	-	-	-	-	S	izard East of us.	
11	Noon.	49 20 A	8 36	9 3	63	0 27	-	-	-	-	-	-	-	NW	qually with rain; a great swell	
12	7 P.M.	49 12	9 25	9 52	-	-	6 48 20	-	-	37 46	24 21	3	-	NW	} An unfsteady sea, though the compass stood pretty well.	
	D ^o nearly.	49 12	9 26	9 53	-	-	4 25 0	-	-	34 37	24 39	6	-	-		
	Noon.	48 3 A	10 9	10 58	62	0 49	-	-	-	-	-	-	-	NW	Under courses.	
13	Noon.	46 55 A	11 0	12 14	61	1 14	-	-	-	-	-	-	-	WSW	Much rain, &c.	
14	Noon.	47 8 *	11 22	12 37	61	1 15	-	-	-	-	-	-	-	WSW	Strong gales with rain.	
15	Noon.	47 59 *	12 12	13 43	60	1 31	-	-	-	-	-	-	-	SW	More moderate.	
16	Noon.	48 22 *	13 36	15 33	62	1 57	-	-	-	-	-	-	-	WNW	Moderate and clear; a great swell	
17	Noon.	49 13 *	14 21	16 29	61	2 8	-	-	-	-	-	-	-	SW	Little winds and clear weather.	
	7 P.M.	49 33	14 20	16 28	-	-	15 50 0	-	-	48 30	-	3	-	-	-	These I have not worked.
18	7 P.M.	49 33	14 20	16 28	-	-	15 35 0	-	-	55 40	-	3	-	NE	A fine pleasant day.	
	Noon.	50 11 *	15 59	18 33	60	2 34	-	-	-	-	-	-	-	-	-	-
19	Noon.	50 45 *	16 50	19 37	62	2 47	-	-	-	-	-	-	-	SE	Fine weather.	
20	Noon.	52 2 A	19 5	22 31	59	3 26	-	-	-	-	-	-	-	SW	Hazy at times.	
21	7 31 0	52 30	18 42	22 27	-	3 45	5 31 50	32 6 50	54 1 50	-	-	6	☽ - 2 50	-	} Considering the height of the Sun these not bad ones; air clear.	
		52 30	19 10	22 27	-	3 17	4 13 0	30 10 10	54 1 30	-	-	6	☽ - 1 0	-		
	Noon.	53 21 *	19 16	22 50	57	3 34	-	-	-	-	-	-	-	NW	Coming on to blow hard.	
22	3 38 24	53 27	19 45	22 55	-	3 10	39 20 40	46 37 40	63 50 55	-	-	6	-	-	} The log between these and the last agrees pretty well.	
	2 53 40	53 27	19 37	22 55	-	3 18	45 35 6	43 53 26	63 35 26	-	-	9	-	-		
	Noon.	53 45 A	18 16	22 8	58	3 42	-	-	-	-	-	-	-	WNW	Strong gales.	
23	Noon.	54 53 A	16 53	21 8	59	4 5	-	-	-	-	-	-	-	WNW	} Strong gales, vessel drifts very fast to the Eastward.	
24	Noon.	55 36 *	14 30	19 47	61	5 17	-	-	-	-	-	-	-	NW		
25	4 6 20	55 25	13 54	19 50	-	5 56	34 55 10	25 47 0	96 50 0	-	-	6	☽ + 8 30	-	} Dip. Face E. mark up, 76 30 } Face W. ditto, 75 0 } Face W. mark down, 74 0 } Face E. ditto, 74 30 } 75	
	4 14 8	55 25	14 6	19 50	-	5 44	33 50 30	27 27 0	96 53 25	-	-	6	☽ + 8 30	-		
	4 35 32	55 25	13 58	19 50	-	5 52	30 52 10	29 8 30	97 0 55	-	-	6	☽ + 8 30	-		
	Noon.	56 18 *	14 25	20 8	59	5 43	-	-	-	-	-	-	-	WNW		Fine Day.
26	Noon.	57 18 *	14 40	20 10	58	5 30	-	-	-	-	-	-	-	NNW	Moderate weather.	
27	5 33 56	57 15	15 32	20 26	-	4 54	22 47 20	17 44 20	119 56 5	-	-	6	☽ + 1 30 ☽ - 1 0	E	A very good set.	
	Noon.	57 4 *	16 31	21 7	58	4 36	-	-	-	-	-	-	-	NW	} Foggy weather, like the banks of Newfoundland, water smooth.	
28	Noon.	56 38 *	17 44	22 20	61	4 36	-	-	-	-	-	-	-	N		
29	3 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	} Calm; tried soundings, and got ground at 120 fathoms; drifted to the N.E. about two miles, and founded again in 120 fathoms, line white lead: at the same time saw a flag, gally, and other signs of land not far from hence. By running about 19 miles NE by N, lost found again, so bore away, calling it the Lion's Bark.
	Noon.	57 0	18 2	22 38	58	4 36	-	-	-	-	-	-	-	SW	Swell from the Southward.	
30	Noon.	57 52 A	21 32	26 8	58	4 36	-	-	-	-	-	-	-	SE	Carried away the fore-yard.	
July 1	Noon.	58 25 *	25 31	30 2	54	4 31	-	-	-	-	-	-	-	SSW	S.W. swell, lost all our birds.	
	P.M.	58 25	26 10	30 41	-	-	24 40 0	-	-	53 33	32 5	3	-	-	-	-
	Noon.	58 20 *	29 35	34 6	54	4 31	-	-	-	-	-	-	-	SW	-	
3	P.M.	58 0	30 29	35 0	-	-	16 34 40	-	-	38 40	34 42	3	-	-	-	} Very good observations and the vessel steady, when made.
	P.M.	58 0	30 29	35 0	-	-	15 35 30	-	-	36 30	35 16	6	-	-	-	
	P.M.	58 0	30 29	35 0	-	-	14 46 40	-	-	34 49	35 41	6	-	-	-	
	Noon.	58 3	30 56	35 27	57	4 31	-	-	-	-	-	-	-	NE	} Cape Farewell's lat. 59° 38' N. long. by obs. 42° 42' W.	
4	Noon.	58 38	34 24	30 55	48	4 31	-	-	-	-	-	-	-	NE		
5	Noon.	59 12	37 28	41 59	50	4 31	-	-	-	-	-	-	-	NE	-	
6	Noon.	59 11	41 16	45 47	48	4 31	-	-	-	-	-	-	-	ENE	The Eastermost part of it.	
7	4 0 0	59 24	42 5	46 36	-	4 31	-	-	-	-	-	-	-	-	-	} Saw Cape Farewell bearing N by W. by compass, distance about 7 or 8 leagues.

A Continuation of the Track of His Majesty's armed Brig Lion, from Cape Farewell along the West Coast of Greenland, for the Determination of the Position of the Coast, as likewise the Dip, Variation, &c.

Days of the month	Time	Latitude	Long. by last observ.	Long. by ship's reck.	Therm. in the shade	Error of common reckoning	Log time as read off quadrants		Distance observed.	Azimuths.	Variations.	N ^o of obs.	Error of quad.	Winds.	Remarks, &c.	
							☉'s alt.	☽'s alt.								
		N					L.L.	U.L.		NW						
July 8	18 52 22	59 46	0 46 47	48 47	-	2 0 30	24 19 0 24 36 30 24 42 0	36 52 0 36 53 0 36 53 0	76 11 30 76 11 0 76 10 0				None.	N	Very good observation; water smooth; amongst a field of ice. Land from NE to SE, distance off 8 or 10 leagues, making in deep bays.	
	Noon	59 44	0 46 42	49 10	40	2 28 0								SE	Clear weather; fall in the ice.	
	6 0 0	59 53	0 46 19	48 47	-	-	23 37 0 23 31 0 23 25 0			44 30 44 0 44 0	41 38		None.	-	Water smooth; land at NE to SW 5 leagues. Dip, Face E mark end down, 76 50 Face W ditto, 77 0 Poles changed, Face W ditto up, 76 15 Face E ditto, 76 30	
	9 Noon.	60 1	0 46 13	49 40	38	3 27 0								N		
10	Noon.	60 12	0 47 18	51 21	38	4 3 0								NNW	Hazy, no land in sight.	
11	Noon.	60 30	0 47 38	51 41	36	4 3 0								Variab.	Much ice.	
12	6 0 0	-	-	-	-	-	21 42 0 21 39 0 21 34 0			44 0 44 0 45 0	39 0		None.	-	Cape Defolation E 4 leagues, soundings at 146 fathoms.	
12	6 30	60 40	0 47 45	-	-	-	21 38 0			44 15				-		
							17 53 0 17 48 0 17 44 0			39 0 39 0 38 30	38 20		None.	-	Very good.	
							17 48 0			38 50						
							20 0 0 20 11 0 20 20 0			58 0 58 0 57 30	41 0		None.	-	These observations were made close to one of the ice glaciers, which I did not find had any effect on the compass as some have imagined. Had very irregular soundings from 80 to 105 fathoms about 4 leagues of the land, which is high and ragged, being mostly covered with snow and ice.	
	20 0 0	61 4	0 48 0	-	-	-	20 10 0			57 50				-		
							20 32 0 20 40 0 20 45 0			57 40 57 40 56 10	40 52		None.	-		
							20 39 0			57 10						
	Noon.	61 28	0 48 9	52 12	40	4 2								E	Land from SSE to NE.	
							15 28 0 15 33 0 15 39 0			53 0 54 0 54 0	48 58		None.	-	Dip of the needle, mean 80 50 The large ice glance NE about 5 or 6 leagues off.	
							15 33 0			53 40						
							18 4 0 18 11 0 18 15 0			52 0 52 30 52 30	49 46		None.	-	Tried the dipping needle, the mean of the four sights gave 81 10.	
13	19 0 0	62 4	0 48 0	-	-	-	18 10 0			52 20				-		
							23 37 0 23 42 0 23 47 0			46 0 46 0 46 30	45 22		None.	-	About 5 leagues off shore, the land high, and the soundings filled with frozen snow, even to the tops of the hills.	
							23 42 0			46 10						
	Noon.	62 11	0 48 0	52 3	39	4 2								Calm.	Dip of the needle 81 30.	
							25 2 0 25 0 0 24 58 0			42 0 43 0 43 0	46 54		None.	-	Many isles off this part of the coast, and soundings about 12 leagues off, though none close in.	
							25 0 0			42 40						
14	7 0 0	62 12	0 48 15	-	-	-	17 56 0 17 46 0 17 40 0			28 40 27 40 28 30	48 17		None.	-	Clear weather.	
							17 47 0			28 3						
	Noon.	62 50	0 49 0	53 3	40	4 2								N	Land from N 30 E to S 2 E 3 leagues off.	
15	Noon.	63 14	0 49 53	53 56	41	4 2								SW	Thick weather; land NE to SSE 4 leagues off.	
16	Noon.	64 38	0 51 26	55 32	42	4 6								SW	Thick weather; fell in with a ridge of rocks, 28 miles E. from hence. This day's southerly wind found the ship 27 miles to the N. of account.	
17	Noon.	64 57	0 52 56	-	-	-								-	At anchor in an harbour, called Musketto Cove, until the 27th.	
							Double being reflected hor.	Nearest L.								
21	3 25 15	64 55 13	52 53	-	-	61	68 48 0 68 18 0 68 0 0 67 40 0 67 18 0 67 10 0			68 1 0 68 3 0 68 4 0 68 5 0 68 6 15 68 6 0						These observations were made on shore with a reflected horizon, and the latitudes settled by many good meridian altitudes; the weather fine and clear, so that I can answer for the observations, though not for the working.
							67 52 20			68 4 12						

A further Continuation of the Track of His Majesty's armed Brig Lion, from Mosketto Cove, Greenland, to the End of Davis's Straits, &c.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Magnetic declination in the shade.	Error of common reckoning	Log time as read off quadrants		Distance observed.	Azimuths.	Variations.	No. of obs.	Error of quad.	Winds.	Remarks, &c.
							☉'s alt.	♃'s alt.							
		N					L. L.	U. L.		NW					
July 21	3 43 4	64 55 13	53 0		61 in the day, & 54 in the night		65 35 0	68 11 0	68 11 0				None.		By these observations I deduce this Cove to lay in latitude 64 55 13 N. and longitude 53 56 30 W. Variation 50 56 0 W. Dip of the needle 81 23 30. Flow of the tide, springs 14 f. High water full and change at 10h. 15 A. M. Dip, Face E mark end down, 82 30 Face W ditto, 81 15 Poles changed, Face W ditto, 80 30 Face E. — — — — 80 15
21	4 0 0	64 55 13	52 56 1		61		65 15 0	68 12 0	68 12 0				None.		
21	4 0 0	64 55 13	52 56 1		61		65 1 0	68 12 30	68 12 30				None.		
27	Noon.	64 49 0	54 25 1	58 31	43	4 6	64 30 0	68 13 0	68 13 0				N		
28	Noon.	64 40 0	55 29	59 35	39	4 6	64 20 0	68 13 30	68 13 30				NNW	No soundings, clear weather.	
29	Noon.	65 14 0	58 10	62 16	37	4 6	64 8 0	68 12 20	68 12 20				ENE	Little or no ice, and steady weather. Close to a very extensive field of ice, and an appearance of land at the back; the dip of the needle as underneath: Mark end up, face E. 85 0 — — — — face W. 85 40 Poles changed, face W. 85 30 — — — — face W. 85 30	
30	Noon.	65 38 0	59 30	63 36	44	4 6									
31	19 0 0	65 48 0	59 10				15 50 0			SE					
							16 2 0			45 0					
							16 29 0			43 40					
							16 7 0			43 0					
Aug 1	Noon.	65 49 0	59 8	63 14	29	4 6									Sailing along the field of ice to the N. E. rigging frozen.
	Noon.	65 46 0	58 19	62 25	40	4 6									Lost sight of the ice.
2	Noon.	65 36 0	58 19	62 25	42	4 6									Saw another large field of ice to the Eastward.
3	Noon.	66 53 0	58 8	62 14	40	4 6							S	Thick four days sometimes thick fog, and others clear weather, a heavy swell from the South.	
4	Noon.	67 43 0	58 50	62 56	36	4 6									At 12 this night was in latitude 63 14, and nearly the same longitude as at noon.
5	Noon.	68 10 0	56 46	60 52	38	4 6									Very quantity of very large ice islands, and a great sea, with thick weather.
6	Noon.	67 32 0	58 41	62 47	40	4 6									Fresh gales, thick weather, and ice islands.
7	Noon.	67 20 0	56 17	60 23	42	4 6									Saw high land bearing N. E. distance 20 leagues, a great swell, and little wind.
8	Noon.	67 10 0	55 11	59 17	41	4 6									Light air all this day; the land appearing high, and in many places covered with snow.
9	Noon.	66 40 0	55 1	59 7	43	4 6									Little wind from the S. W. about four leagues from the land soundings from 60 to 15 fathoms, steady ground.
10	Noon.	66 40 0	57 15	61 21	40	4 6				NW					Standing in and out to get to the fourthward, wind S. W. blows strong.
							15 20 0			39 0					
							15 17 0			37 0					
							15 12 0			39 0					
							15 5 0			38 30					
							15 1 0			39 0					
							14 57 0			40 0					
11	7 0 0	66 38 0	56 48				15 10 30			38 45					When these observations were taken Mount Cunningham bore SSE, distance about six leagues, depth of water 65 fathoms, sandy ground.
11	Noon.	66 30 0	56 31	60 37	46	4 6									Land from SE to ENE, seven leagues off no soundings.
							12 4 0			23 30					
							11 47 0			24 30					
							11 37 0			22 30					
							11 26 0			22 20					
							11 19 0			21 0					
							11 14 0			21 30					
12	7 30 0	66 26 0	56 15				11 34 30			22 32					When these observations were taken there was little ice in sight, the weather fine, sea smooth, the land from E. to SSW, which was high and about 12 leagues off, being that part named Christian Sound, and where the Danes for some years worked a silver mine, and as this coast has in many places strong appearances of iron ore, this may be one, and in all probability may occasion this high variation.
							4 37 0			5 0					
							4 28 0			5 45					
							4 25 0			6 0					
							4 21 0			6 40					
							4 15 0			4 30					
							4 12 0			3 50					
							4 8 0			5 0					
							4 5 6			4 40					
12	7 45 0	66 27 0	56 15				4 19 0			5 11					Land in sight.
							7 25 0			23 10					
							7 16 0			23 45					
							7 7 0			21 40					
							6 57 0			22 45					
							6 44 0			22 5					
							6 37 0			20 30					
13	8 0 0	65 58 0	55 49				7 0 40			22 19					The extremes of the land from NE. to SW, distance six leagues.
13	Noon.	66 7 0	54 43	58 49	53	4 6									Within one mile of the mouth of a rocky river, with a rapid tide.
14	Noon.	65 12 0	55 52	59 58	50	4 6									Land from E. to ENE, very high.
15	Noon.	65 22 0	56 12	60 18	40	4 6									Hard gales with much rain, and a great sea, wind SW by S, weather thick.
16	Noon.	—	56 50	60 56	42	4 6									Thick close weather, with little wind.
17	Noon.	65 22 0	55 29	59 35	44	4 6									Foggy weather.
18	Noon.	65 3 0	54 2	58 58	—	4 6									The land like islands. Caught many large halibuts.
19	4 0 0	64 32 0	53 50												Dip, mark end up, face E. 85 30 — — — — face W. 84 40 Poles changed, face W. 85 0 — — — — face E. 85 0

A Track of His Majesty's armed Brig Lion, from Davis's Straits to the Coast of Labradore.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	The error in the shade.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	No. of observations.	Errors of quadrant.	Winds.	Remarks, &c.
							☉'s alt.	☽'s alt.							
				L. L.		U. L.									
Aug. 19	Noon.	64 43	0 53 25	58 31	41	4	6								The land near Ball's River in sight, making in Islands.
								33 12	0 16 33	0 60	0 30				
								33 5	0 16 39	0 60	1 30				
								33 0	0 16 42	0 60	2 0				
								32 57	0 16 45	0 60	4 0				
								32 54	0 16 47	0 60	4 0				
								32 50	0 16 51	0 60	5 0				
								32 49	0 16 42	50 60	2 50				
								32 42	0 16 59	0 60	5 30				
								32 36	0 17 3	0 60	6 0				
								32 31	0 17 7	0 60	7 0				
								32 27	0 17 10	0 60	8 0				
								32 22	0 17 12	0 60	9 0				
								32 20	0 17 14	0 60	10 0				
								32 29	0 17 7	30 60	7 35				
19	2 16	0 64 34	0 52 30												These observations are very good ones, yet as they give too little, and disagree with the rest, I did not pay much regard to them, nor alter the track, as I cannot answer for the working of them.
19	2 22	0 64 34	0 52 50												
20	Noon.	64 33	0 54 35	58 41		4	6								A very heavy gale of wind, which obliged us to throw overboard the guns we had on deck. This night, for the first time (the gale being over and fine weather), saw the aurora borealis, which began in the S.W. quarter, but was neither so strong nor so beautiful as in the southern hemisphere.
21	Noon.	63 56	0 54 15	58 21	36	4	6								
								5 30	0 10 40	0 84	9 0				
								5 19	0 10 38	0 84	11 0				
								5 6	0 10 36	0 84	11 0				
								4 54	0 10 32	0 84	12 0				
								4 42	0 10 25	0 84	11 0				
								4 28	0 10 23	0 84	13 0				
								4 59	0 10 32	20 84	11 10				
21	A.M.	63 36	0 53 20												By the observations on the 20th, I find the error of the common reckoning to have increased 55 miles, and by those on the 21st to have increased 50 miles; therefore shall alter the track to the observations, as I think them a sufficient confirmation of the truth.
22	Noon.	62 19	0 53 4	58 3	44	4	59								High land E.S. distance as leagues, which was the last we saw. Moderate breeze, and no ice to be seen.
23	Noon.	60 58	0 53 14	58 13		4	59								
24	Noon.	60 2	0 52 28	57 27	46	4	59						ESE	Ditto, with mists.	
25	Noon.	58 4	0 52 46	57 45	52	4	59						E	Fresh gales.	
26	Noon.	56 17	0 53 38	58 27	54	4	59						NE	Fresh gales.	
27	Noon.	54 54	0 54 10	59 9	56	4	59						NE	Cloudy weather.	
28	Noon.	53 4	0 53 15	58 14	56	4	59								Saw the first ice Islands on the Labrador.
29	Noon.	53 7	0 52 6	57 5	60	4	59						WNW	Much ice.	
30	Noon.	53 33	0 53 9	58 8	60	4	59						SW	Much ice.	
31	Noon.	53 25	0 53 58	58 57		4	59								Round Hill Island, bare NW. six or seven leagues, which being the eastern part of America, I make it to be in latitude 53 32 N. longitude 54 29 W. of Greenwich.

We anchored in Porcupine Harbour, where we staid until the 26th of September, and from thence proceeded to England; which being a common rout, I shall conclude with a few general observations on this part of the world, so little known and so terribly represented by people who, in order to raise their own merit, make dangers and difficulties of common occurrences; merely because the places are unknown, and there is little or no probability of their ever being contradicted. I do not mean this as a personal reflexion; but having discoursed with many of the masters of Greenland vessels, as well as their employers, and heard such dreadful stories of those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, tending to mislead those who from a laudable principle would be benefactors to their country, but are deterred from it by such representations; and I appeal to those series of facts for the truth of my assertion. The weather in Davis's Straits is, in the spring and autumn, boisterous; the seas run irregular, like the Gulph of Lions, and other places I could instance (that is short and high); occasioned (I imagine) by the narrowness of the Straits, the many impediments it meets with from the ice, and its being open to the southern parts of the Atlantic Ocean. As the south winds are always the strongest, bring thick weather, and the greatest sea, so the northern ones bring fine clear weather, and are seldom strong. I shall here finish these observations, with the particulars of them, &c. and shall communicate observations on the ice, the atmosphere, the Land of Forbisher, and the probability of a north west passage, in a short time.

