

Observers	1911	I	C. S. Wright	1st West Exped
	1911	II	Griffith Taylor	Discovery Party
	1911	III	— do —	2nd West Exped
	1912		— do —	Nov to Feb

Western Party

B. A. A.

24

NOV 16th 1911 - FEB 15th 1912

Tgt.	FD.	EE	CSO
8	8	0	2
0	13	5	0
11	1	6	0/2
19	22	11	3
24	28	22	6
33	29	23	18
38	29	28	24
49	30	40	28
50	38	47	37
56	41	48	40
71	41		44
72	50		49
74	54		50
83	55		59
98	60		
103			

Mar 2, Noon left Camp Vermin,
 then Centre Falls & MT. Discontin-
 line. From Noon Camp. Promontory
 10m. ahead of Erebus now in line.
 All snow has turned to crystal
 on the ice at least north promontory
 but some plate fass? On the
 few bare patches of ice (late footprints)
 are many crystals = plate fass?
 At times a sort of structure
 without the promontory columns.



METEOROLOGICAL OBSERVATIONS

Western Mountain journey. Jan 27 to Mar 14
also week at Hut C. Arnoldy.

During 1900

C. S. Wright
J. M. Taylor

Position of Station: Lat. _____ Long. _____

Height of Barometer Cistern above Mean Sea Level

also Log of
Western Party—
Nov 1911
— Feb 1912

INSTRUMENTS IN USE, AND THEIR CORRECTIONS.

BAROMETER, No. 159 COMPARED WITH STANDARD at Jan 26 in 1911

Correction
required

Correction required

29.93	Stand no 2	29.24	(In sheet - 19)
Ward P. Mid st Jan 23/11	12.44.4	fast-on	Shut
	facing 1.18	daily	Un

THERMOMETERS

Dry Bulb. No.

Max. in Shade. No.

Min. in Shade, No.

Max. in Sun, No.



Min. on Snow, No.

Slings II No. 91.

Share No 96


110. 111. 112.

WEATHER.—Initials of the Beaufort Notation and Symbols adopted by international agreement for recording phenomena of weather.

b.	blue sky	r.	● rain.	~	glazed frost.
c.	detached clouds.	p.	passing showers.		
o	overcast.	d.	drizzling rain.	↘	gale.
m.	 mist.	e.	wet air without rain falling.	q.	squally.
f.	 fog.	s.	* snow.		
g.	gloomy.	+	snow drift.	○	solar corona.
u.	ugly, threatening.	⊠	snow lying.*	⊕	solar halo.
z.	∞ dust haze or smoke.	←	ice crystals.	☾	lunar corona.
v.	unusual visibility.	h.	▲ hail.	☾	lunar halo.
t.	⊥ thunder.	Δ	soft-hail.		
l.	< lightning.	w.	Ⓐ dew.	(rainbow.
K	thunderstorm.	x.	⊥ hoar frost.	⚡	aurora.
		V	silver-thaw. rime.		

* More than half the country in sight round the station covered with snow.

NOTE.—Do not use "h" for haze, nor "sh" for showers.

A line under an initial or the exponent "2," appended to a symbol, denotes intensity thus h or ▲² indicates heavy hail,  indicates light fog or mist.

BEAUFORT WIND SCALE.

Beaufort Number.	Description of Wind.	Equivalent velocity in miles per hour.
0	Calm.	0
1	Light Breeze.	2
2		5
3		10
4	Moderate Breeze.	15
5		21
6		27
7	Strong Wind.	35
8		42
9		50
10	Storm forces	59
11		68
12		75
	Hurricane.	above 75

INSTRUCTIONS.

Barometer.—The aneroid barometer should be lightly tapped before taking a reading.

Hypsometer.—Only pure water obtained from snow to be used. No water should be allowed to splash into the bulb of the thermometer during an observation.

Thermometer.—The aluminium sling thermometer should be allowed to remain in the open for at least ten minutes before a reading is taken in order that the bulb may acquire a temperature near that of the air. When an observation is to be made the thermometer should be opened and swung for a minute; the swinging must then be repeated until three readings have been obtained, each giving the same temperature. The final steady reading should then be entered in the note book. *If sun is shining therm. should be swung in sun's own shadow.*

Wind.—All wind directions must be "true" and not "magnetic"

Clouds.—The proportion of the sky covered by cloud should be indicated on a numerical scale running from 0, cloudless, to 10, completely overcast. The numbers given are to refer solely to the amount of the sky covered and not to the density, height or other quality of the cloud. Fog must be regarded as a cloud at ground level, and 10 must accordingly be entered for the amount of cloud on foggy days. If clouds can be seen through a thin mist, the amount of real cloud should be entered in the column and a note made under "Remarks."

The following are the chief cloud forms:

Cirrus	...	(Ci)	...	} High.
Cirro-Stratus	...	(Ci-St)	...	
Cirro-Cumulus	...	(Ci-Cu)	...	
Alto-Cumulus	...	(A-Cu)	...	
Alto-Stratus	...	(A-St)	...	} Low.
Strato-Cumulus	...	(St-Cu)	...	
Cumulus	...	(Cu)	...	
Stratus	...	(St)	...	
Nimbus	...	(Nb)	...	

Enter cloud directions as you would wind directions, i.e., the direction from which they are coming.

Weather.—The Beaufort notation given on page 3 should be used.

Remarks.—Haloes and any unusual phenomena should be noted. It is also desirable that general topographical notes should be added, as for instance, "In valley running N W.," "To-day's camp higher than yesterday's," etc.

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

[illegible]

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS. 11 Yana: small

OBSERVER'S
INITIALS.

EMARKS. "Yena
Copied on "Yena
nova" from original
(not as kept by G.S.)

map at end of Book

Meteorological Log.
of Western Party
Summer 1911-

Recd by Griffith Taylor

Bar 759

Sling Therm VI

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower

Barom 759 compared with Standard
at Cape Evans Oct 21 1911

Bar adjusted to agree with
Standard with all corrections
including gravity applied

Thermom

Sling II No 45

-70	-50	-30	-10	+10	32
-2.5	-1.0	-1.0	-0.5	-0.5	-0.5

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

Mule on sea ice are geographical
Started sledging on 7 Nov. Relaying to Butter Pt
but opened log on 14 Nov just before reaching latter
on second trip.

Arrived from Harbours Headquarters Nov 30

See Map

on blank page at end.

N.B. Notes in brackets refer to weather of previous few hours

Times are those kept at
Cape Evans = 180° Long

G.T.

1711
DAY.
Nov

HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
	Lat.	Long.							Amount	Kind	Direction from upper lower
16 th	GMT.										
8pm	Seace 5m N Butter Pt		29.70	+7	S	2	bright sun	3	2m WSE		
17	8am	do	29.65	- $\frac{1}{2}$ ^o	S	3	do	1	N		
17	8:30 pm	Butter Pt	29.64	+6 $\frac{1}{2}$	S	1	do	1	low W+SE		
18	8:30 am	do	29.65	+10	none		Very clear	0			
18	10:30 pm	4 $\frac{1}{2}$ m North	29.66	+9	W	1		1	(low N.)		

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

G. Taylor

[Extremely thick (snow) mist with some snow, fluff balls falling till 2pm. Then commenced to clear from S. Beautiful pall of dense cloud forced by cirrus gradually moving to N. Sun out about 5pm]

Clear sunny morning, sun bright, low water cloud to N slight low drift, keen wind (cooler during night)

(Clear most of day, keen wind dropping in p.m.)
Beautiful morning, no cloud anywhere

Very clear, long low water sky cumulus, from C Bernacchi to Beaufort Is.

1911 DAY. Nov	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
												upper	lower
19 (Sun)	8am	4 1/2 m N. of Buller Pt.		29.678		+6 1/2		0	b.				
19	8:30 pm	1 1/2 m S. of CBernacchi		29.70		+13		0	b				
20	8am	— do —		—		+9 1/2		0	b				
	9pm	1 1/2 m N. of CBernacchi		29.97		+9 1/2		0	b				
21	8am	do		30.01		+13.5		0	C	8	Cirrus		
	noon												

BRITISH ANTARCTIC EXPEDITION, 1910.
REMARKS.

OBSERVER'S
INITIALS.


Very clear morning, little cumulus to NW. (Thermom. +45° when taken out of instrument box)

Beautiful weather all day. Only very slight cumulus West from Beaufort Is. as usual.

Beautiful weather

do . . . hazy to south

Fairly clear morning, especially horizon, all points visible but hazy and cirrus over sun

Very fine cloud Radiant  smiling Erebus to Granite Harbor. approx. 9. This cleared away totally about 7 pm but capped Erebus most of day.

1911 DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Nov 21	9pm	5 $\frac{1}{2}$ m North 1 C Bernacchi		—	+18	S	1	b	2	St		
22	8am	- do -		29.91	+18	S	2	b	-	-		
	8pm	12m N of C Bernacchi		29.93	+16 $\frac{1}{2}$	S	3	overcast	9	St		
23 rd	9am	- do -		29.97	—	SW	1	overcast	9	st		
	9pm	10m N. of Dunlop Is		30.14	+14	S	2	.	3	C St to SW		
24	9am	do		30.19	+18	S	1	b	1	St		

BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.

OBSERVER'S
INITIALS.

Clear, slight wind ^{in pm} dying down later. Stratus on horizon G.T.

Very little stratus to N+S, Erebus & Discovery clear, sun hot

Dull most of afternoon. Put up sail low S wind

Erebus visible except top.

Erebus very clear, drifting low on Redmont glacier
(S. Wind up to force 5 about 3pm)

Clear except cumulus to NE, and stratus and haze to East—
All Erebus visible

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Nov												
24 th	7pm	2m N. 1	Dunlop 2	30.10	+15	S	1	f	1	st		
25 th	9am	6½ m. N of	Dunlop 2	29.94	+18	SW	1	f	1	st		
	9pm	- do -		29.75	+15	SW	1	f	0			
26 th	8am	C Roberts		-	+23	W	1	f	0			
	9:10 pm	½ m South		29.53	+16	N	1	f	2			

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

(Clear sky except little stratus to NE (Water in cooker all day)
We changed from day to night marching

Cloudy over icebergs. All night a fine banner of steam flowing
to south, but about 8am banner changed to opposite direction.

Slight smoke icebergs towards NW. Water lay on tent flap till 6
icebergs clear

Heavy sky to SE obscuring icebergs, stratus to S
(Wind dying away from N)

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower

NOV

27 th	8:30 am	Granite Hbr?		29.63	+24 $\frac{1}{2}$	S	5	b	1	st	
		2m from C Roberts									
	10 pm	do		29.80	+16	S	3		3	Fractostratus	

28 th	2:30 am	Ice Tongue in G.H.	-		+18 $\frac{1}{2}$	-		Snowy	10	overcast	
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Snow clouds came from
South east without wind

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

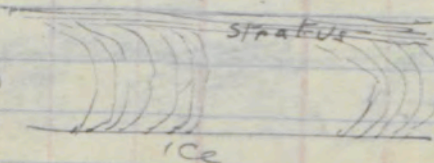
OBSERVER'S
INITIALS.

(Calm till 5:30 pm then strong S wind developed to force 6)
Very curious tabular dark cloud over Erelus at 6:30. Drift heavy
(over the glacier. at 8:30 cloudy only to S and
Heavy cum^s nimbus to NE
Fract stratus all around horizon, clear zenith.

Snow crystals falling of two kinds @ delicate interlocking pine-
branch type
b) coarse thick cog-wheel stars

To the NE very marked curved nimbus
connecting stratus cloud
to ice appeared at
midnight

Sketch
looking
north



1911
DAY.
NOV

28

10 pm

Small
Toreuse
plains
Har.

29.90

+13

—

—

0

9

St-Cu

29th

8.30
am

do

29.78

+18½

E

1

0

10

Snowcloud

(Held up most of day silent.)

30th

12.30
noon

End of
Discovery
Bluff

29.91

+26½

0

½

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

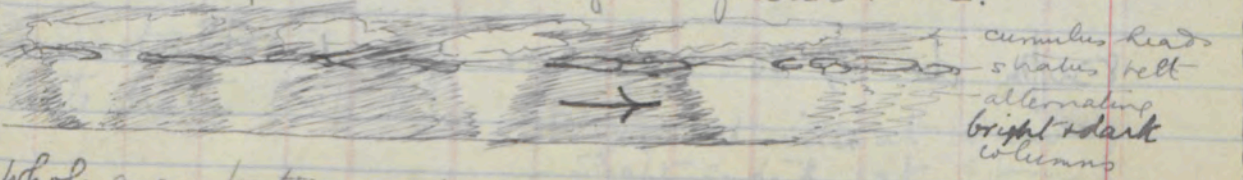
OBSERVER'S
INITIALS.

(Snowing most of morning) Clear to NE fracto-stratus elsewhere
(Curious local mist rising off ice in the Harbour)

Stratus to last, sun invisible.

High covered alto stratus, with patches of blue showing; sun visible

NB. at 8.30 pm on 29th Wonderful set of clouds to N.E.



Whole mass (with curved front) moving bodily to the South

DAY.	HOUR	POSITION.		Bar	Hyps-ometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
												upper	lower
Nov													
30 th	10 pm	Camp one mile W. of Disc. Bluff		29.90	+22				Overc		Snowing		
1 st DEC	7 pm	Camp Geology		29.90	+22	1	E	Overc	Slight snow				
2 nd Dec	8 am	do		29.86	+17½	—		Overc	8 stratus				
	8.30 pm	do		29.80	+18	none			1 c/s				

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S INITIALS.

Dull most of day (except about 2 pm) started snowing in small balls about 6 pm.

[1" of snow on sea ice in night]

Dull most of day, except about 2 pm.

Sun visible & blue sky in patches

Cumulo-stratus to west, little stratus low to N

{ Slight west wind at 10 am
Slight easterly at 1 pm
slight westerly at 7 pm }

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Dec												
3 rd	8:30 a.m.	Camp Geol		29.70	+11	W	1		b.	1	C.S.	
3 rd	9pm	-do-		29.67	+17½	—			b			
4 Dec	8am	do		29.81	+11	—			C	8	C.S.	
	11pm	do		29.97	+15	—			b.c.	2	al-n-	

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

Blue sky, except detached cirro-stratus to E, and hazy over sea to NE.

Fine day. {In morning slight easterly wind}

Light mackerel sky and cirro-stratus over almost whole. No wind sun bright

Altostratus in SW. and stratus to NE

{ Very variable wind during day, strong cold S. gust at 7pm
easterly and westerlies varying during day, but not
strong, slight snow about 7pm. }

DAY.	HOUR	POSITION.		Bar	Hyps-ometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
Dec 5	10:30 am.	Camp		29.55	+18	W	1		h.	0			
	9 pm	at end of Mackay Tongue		29.20	+23	W	1		0	10	Snow cloud and very dark storm cloud along E horizon		
6 th	10 am -	do -		29.18	{ Too stormy to swing therm }	SE	7	0	}		Heavy Blizzard		
	3 pm -	do -		29.26									
						SE	1	0			Heavy Snow		

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S INITIALS.

Blue sky, slight W wind.
{ Some low stratus visible and to East }

Nice sunny morning.
Cirrus over at 11 pm and then began to be overcast
Threatening weather in evening.

Snowing at midnight, blizz started at 3 am. Very heavy drift and shore wind, with constant SE direction. Drift melts easily on hands.

{ Blizzard dropped rather quickly at 1:30 pm. Still continues to snow in large fluff balls. Nothing visible 30 yds off.
Drift 2' deep round tent. Sledge covered.

1911
DAY.

Dec

HOUR

POSITION.

Lat. Long.

Bar

Hyps-
omet-
erDry
BulbWind
Dir.
TrueWind
Force

Weather

CLOUD.

Amount

Kind

Direction from
upper lower

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.6th

5pm

E. end of
mackeray
tongue

29.30

+27

SE 1

Ov.

10

Held up all day in tent

Completely shut-in by snow. Falling in larger flakes, but weather apparently clearing a little.

7th

8am

— do —

29.48

+23

NE 1

Ov.

10

(Snowing all night, sleds covered, 2 feet of snow added, now falling in very small caltrops * sun faintly visible)
No wind in night, but just a little now. Tent-dropped badly, $\frac{1}{2}$ cooker full from doorflap in night

7 Dec

9pm

In North Bay
99. Hbr.
2m. from
above

29.72

+13 $\frac{1}{2}$

—

bc

3

Cirrus to E, and a little overhead, low stratus to east. Clear elsewhere. The snow stopped about 4pm and the snow cloud blew off en masse to the west leaving blue sky. 2 feet of soft snow over sea ice awful for sliding.

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
8 Dec	7am	North Bay		29.99	+23	W	2		C	8	A-S		
	9pm	End of Mackay Tongue		30.10	+21	W	1		C	6	A-S		
9 Dec	10:30 am	do		29.96	+23.5				C	0	8	A-S	
	26:30	Camp Geology		29.86	+22	NW	2		b				

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

Calm night - gusty winds from NE and W. Cold night
Cirrus over most of sky, but sun shining
(left slide in the snow and "packed" our gear)

Fine day. Cirrus overhead and in west -
East is stratus also

Calm night alts stratus above, stratus all around
[Fine complete hale around sun at noon]

During afternoon heavy clouds over helms and very dark low
stratus like water sky near floe. But this all cleared away
about 7pm blue sky but strong NW gusts

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Dec												
10 th	9.30 am	Camp Geology		29.73	+40 $\frac{1}{2}$	W	1	f	1	Arro stratus		
(Temp. carefully taken on windward side of Tent in shade. It rose from 33° on the snow)												
	8 $\frac{30}{pm}$	do		29.68	+28.5			b	0			
11 th	10.30 am	do		29.52	+29 $\frac{1}{2}$	NE	1	b	0			
	10 $\frac{pm}{pm}$	do		29.63	+31 $\frac{1}{2}$	SW	1	b	0			

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

[During the night extremely strong gale from the West, starting at midnight and lasting till about 5 am. Tent pole bending, much drift, but clear sky.]

10 am Very beautiful pipe like stratus clouds apparently
condensing above the peaks to the north

(Fine day some wind from west, but about 7 pm slightly ead)
at present only one cloud visible over northern mts.

No clouds (Calm night)

4. Fine day (about 6 pm mist lying on N. mts.)
(Saw open water to East from Signal Bluff 500')

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Dec												
12 th	9am	Camp Edge		29.76	+33°	2	WSW	0	9	stratus		
do	9pm	do		29.78	+35	Calm		0	9	stratus		
13 Dec	8am	do		29.71	+35	Calm		c	5	cirrus		
	6pm	do		29.65	+40	(SE at 6pm only)		0	9	cirro stratus		
14 Dec	9am	do		29.61	+31	Calm		0	8	cirro stratus		
	8pm	do		29.50	+31.5	Calm		0	9	stratus and cirrus		

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

Some blue sky to east, sun in north (clouded over since 4am)

some blue sky from zenith to N (cleared from 10 till 1pm then cloudy)

Cirrus across the sky, but much blue sky (fine night no strong wind, but gusts from SW.)
not much wind + fine during midday) a few isolated violent gusts about 6pm. Now the sky is nearly all covered with cirro-stratus heavier to the West.

Zenith fairly clear, rest cloudy (Calm night)

Clouded all over, (and somewhat cloudy all day) with easterly winds

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
15 Dec	7.30 am	Camp Colly		29.48	+31°		NE	1	O	10	stratus		
do	8.30 pm	do		29.48	+32°		none		C	5	ci stratus		
16 Dec	1 am	do		29.80	+33°		none		O	10	low clouds		
	9 pm	{ Camp Cape 3 m N.W. of Camp Colly }		29.95	+29.5		none		C	3	ci. str		
17 Dec	8 am	do		29.88	+25.5		none		C	5	ci		
	9 pm	do		29.78		27.0	none		O	9	str		
18th	8.30	do		29.80		32	none		O	10	str		
	8 pm			29.81		30	none		bc	5	str cu		

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

(Calm night overcast -)
clear to east & zenith, cirrus (above) + stratus (below) elsewhere
(Cold NE wind in morning, calm since noon)
Heavy fog or snow cloud from north, masking mountains and
sun barely visible (calm fair night)
Zenith mostly clear, some cirrus, stratus to east + very heavy
clouds over mountains to N + P
North & zenith clear. Sun bright. Rest with mackerel sky
NE shows a little clear sky
(Some snow at 6 am)
(Cloudy till 5 pm.) now stratus to E and cumulus
over mountains.

1911 DAY. <i>Dec</i>	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
19 th	10.30 am	Finger Pt 2 m NW of Camp Selkirk		29.84	+29	—	bc	6	C St			
	7.30 pm			29.84	+28.5		h	0				
20	8.30 am	do		29.75	—		calm	h	0			
	10 am	do		29.74	+29	NE 1	h	1	Ci			
	7 pm	Punchbowl		29.76	+33	W 2	0	10	St			
	11 am	do		29.88	+34	E (var)	0	10	snowing			
21 st	9 pm	do		29.90	+31	NW 1	C	8	fract stratus			
	10 am	do		29.95	+29	none	h	1	curvus			
	7.30 pm	do		29.98	+24	none	C	8	fract stratus			

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

(Calm night) stratus to east. Cirrus overhead

(Fine day) (NE wind ~~from~~ on Plateau at noon) Little cirrus and fine
water sky to east.

(During night, some gusts from NE) now calm & bright.

(Fine till 6 pm, then became overcast)

Thin snow falling since 6 am. Sun visible. Thick to south

(Cleared at noon, then overcast about 7.30)

(calm night) some cirrus to east.

Blue sky in zenith (Fine day till 5 pm)

See Map
at
end

1911
DAY.

Dec

	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
23	Jan	Punchbowl		30.01	+26	none	0	10	stratus			
	9.30 pm	Cape Geology		30.00	+24½	none	0	9	fracto stratus			
24 th	10.45	do		30.00	+29½	none	b	0				
	8 pm	do		29.97	+27½	none	b	0	perfectly clear			
25 th	8.30	Camp Geology		29.91	+28	ENE 1	b	0	do			
	6.30 pm	do		29.88	+25	none	b	1	cirrus			
26 th	8.30 am	do		29.88	+21	none	b	1	cirrus			
	9 pm	do		29.94	+22.5	none	b	2	cirrus			
27 th	8 am	do		30.02	+22	E 1	b	2	Cirrus + stratus			
	8.15 pm	Flat Iron		28.96	+25	none	b	0				
		900 feet										

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

Dull morning (Calm night - light - few sudden gusts (SW. at 11 pm)

Clear to NE (Overcast till 4 pm then sunny for a time)

a little low wispy stratus to NE (Calm night)

(clear day)

(Calm night)

Wispy cirrus N+S across zenith (E wind ① at noon)

(About 2 am a low sea fog over whole of harbour)

(slight easterly wind about 4 pm)

Stratus in east (Calm + clear night)

Waterway to east, otherwise blue

See map at
end

1911
DAY.

Dec

HOUR

POSITION.

Lat. Long.

Bar

Hyps-
omet-
erDry
BulbWind
Dir.
TrueWind
Force

Weather

CLOUD.

Amount

Kind

Direction from
upper lower

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S

INITIALS.

REMARKS.

28 th	8.30 am	Flat Iron 900'	28.86	+28	none	b	0				
	7.30 pm	Red Cliff 1200' 4 m west	28.62	+25.5	none	b	4	Curvus			
29 th	8.30 am	do	28.55	+25	none	⊙	9	stratus			
	7.45	do	28.57	+27.5	none	⊙	8	stratus			
30 th Dec	8.30 am	do	28.60	+27.5	none	⊙	10	snow			
	8.30 pm	do	28.62	+26.0	none	⊙	10	stratus			

Sea fog low over mouth of harbour. Sight eurus to south (Calm night)

Wispieurus especially to south (Calm bright day)

Clear to east

Mottled stratus, but blue sky to east (Keen NE wind at noon)

(somewhat clearer in night-)

Overcast, but breaking somewhat especially to East-
(About 4 pm snowing rather steadily with gusts from W & N
(Heavy Banyan Tree
snow mounds to east at 3 pm



DAY.	HOUR	POSITION.		Bar	Hyps-ometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
												upper	lower
31 st Dec	8am	Redcliff		28.70	+28½	none			☉	9	stratus		
	8pm	{ Gondola Ridge about 1200 }		28.45	+24½	N	2		☉	10	stratus		
1912													
1 st Jan	8.30 am	{ — do — about 10 m west of Cape Scrooby }		28.40	+22½	NE	2		☉	10	stratus		
	8.30pm	do		28.40	+23½	none				2	sea fog & cir		
2 nd Jan	10am	do		28.42	+21½	none			☉	10	stratus		
	8pm	do		28.33	+19	N	1		☉	10	stratus		

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S INITIALS.

REMARKS.

sun visible thro mottled stratus, clearer to east, denser to North

Gloomy all morning (sun strong at 1 pm) Heavy fog rolled up from east at 4 pm and surrounds us now.

Few flakes of snow. Gondola Mt (4000') in black cloud (same during night)

(Cool wind from E. drove away clouds about 4 pm. Little snow in morning.)

Now sea fog rolling up again from east. Clear zenith but cirrus still shut in by clouds. few snowflakes

do — little snow all day. (Sun just visible at 4 pm)

1912
DAY.

Jan

HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
	Lat.	Long.							Amount	Kind	Direction from upper lower
3rd	7.15 am	Gondola Camp.	28.32	+22½	N	1	0	10	stratus		
	8.30pm	do	28.30	+24½	none	b	1				
4th	8.30am	do	28.35	+25	S	1	b	0			
	8.15pm	do	28.41	+27.5	none	b	1	stratus			
5th	8.30am	do	28.45	+26	none	b	0				
	8.15pm	do	28.38	+28.5	none	b	0	curvus			

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

Clouds resting about 700 feet above us. Slight snowfall. Somewhat clearer to East.

{ Blue sky, except band of stratus to S+E about 3000' up. (The sky cleared gradually & no clouds at 3pm.)

Clear sky except a little curvus to south.

{ (Clear all day). Little stratus now to SW and some over sea to the east. (N.E. wind in gusts (4) at noon)

Clear sky (and calm night)

Some curvus to south. At 6pm strong Noah's ark of curvus E. to W. over zenith. (Moderate N.E. wind (2) at noon)

1912
DAY,
Jan

HOUR

POSITION.

Lat. Long.

Bar

Hyps-
omet-
erDry
BulbWind
Dir.
TrueWind
Force

Weather

CLOUD.

Amount

Kind

Direction from
upper lower

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

6 th Jan	8.15 am	Gondola Camp	28.36	+32	5	2	b	1	cirrus	
	8.15 pm	Flat Iron 900' up	28.50	+28			none	b	1	cirrus
7 th Jan	8.15 am	do	28.41	+30.5	SW	1	b	0		
	8.15 pm	do	28.32	+24	Variable		Undercast			
8 th Jan	8.15 am	do	28.27	+2.5	none		Dr. 8		stratus	
	8.35 pm	Camp Geology	29.14	+2.7	SE	1	C	10	stratus	

Band of cirrus to north (During night a strong wind from SSW blew with force 5 but dropped about 5 am)
Fine day. (Noaks Ark cirrus across zenith ^{band} (E to W.)

(Caluclear night) A little cirrus to north.

(A bright clear day till 3 pm, when heavy sea fog rolled up from East. This lies over everything to 800' and occasionally swamps our camp also. Blue sky overhead.
Sky covered with stratus except over two patches, sun visible

Black cloud to West and slight snow
(Heavy sea fog in morning, and heavy stratus 1000' up in p.m.)

1912

DAY	HOUR	POSITION		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Jan												
9 th	9am	Camp		29.20	+29	none			☉ 10 stratus			
	8.15pm	do.		29.30	+29	none			☉ 10 stratus			
10 th	10am	do		—	+29	none			☉ 10 do			
	4pm	do		29.55	+22	none			☉ 10 do			
11 th	8am	do		29.55	+20	none			b 2 Ci Si-			
	8pm	do		29.41	+23½	none			b 0			

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

some snowflake. A little blue overhead. Cumulus to NW

gloomy all day (NE wind at noon force ②)

gloomy snow falling. (Big flakes at 3am, and ^{small} spike crystals at 10 am)

Little snow falling. Black cumulus over Mt. Kater. (W wind at 5pm = ①)

Stratus to west and a little cirrus elsewhere

Blue sky (except little water sky) (Some snow about noon)

1912 DAY. Jan	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
12 th	9.30 am	Camp Geology		29.27	+18½	none	b		0			
	8.30 pm	do		29.20	+23½	none	b		1	stratus		
13 th	8.15 am	do		29.21	+20½	none	b		1	stratus		
	8.30pm	do		29.26	+21	E	1	b	1	low stratus		
14 th	6am	do		29.34	+11	none	b		1	low stratus		
do	10 pm	Cape Robert		29.52	+22	S	2	b	2	stratus and cirrus		

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

(Cold night, but no minimum thermometer)

some fracto stratus to NW (Thermom 60° in sun at 8.30)

Blue sky, some stratus to east and water sky (Calm night)

(about 3pm stratus about 1500' lying on hills, clearing late)

dark bank of stratus to east over water (Calm cold night)

(Heavy snow squall from 12 till 4pm & SE wind, then cleared away
driving to the west, Later SW wind changed to S wind)
Noaks ark cirrus SE to NW. Gloomy to NW.

1912 DAY. Jan	HOUR	POSITION		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
15 th	7pm	C Roberts		29.56	+28		none		Over	10			
16	noon	do		29.56	+30	S	2		c	3	stratus + cirrus		
	8.15pm	do		29.56	+24.5	SW	2		b	1	stratus + cirrus		
17 th	1pm	do		29.50	+30.5	NW	2		b	2	do		
	7.15pm	do		29.50	+28.0	none			overcast		stratus		
18 th	12.15 noon	do		29.62	+20	S	5		overcast		snowing		
	6.15pm	do		29.66	+17	S	5		—	do	—		
19 th	noon	do		29.67	+25.5	S	3				do		
	8.30pm	do		29.57	+27.0	S	3				do		

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

(Halo at noon) Sun fairly bright at 5pm, dull red by day
Some altostratus to East and cirrus scattered over sky
Cumulus columns off C Bird, scattered cirrus, stratus to NE
(North wind at noon)
Roofs ark from SE to NW, stratus to NE, Erebus + Beaufort visible
Clear till 3pm + then clouding over from the East

Mild Bly and started at midnight, not much snow

— do —
(Cleared somewhat at 9am but then overcast again)
(Overcast all day and light snow)

1912
DAY.
Jan

1912 DAY. Jan	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from upper lower	
20 th	1.30 pm	Robert		29.52	+27	NW	2	b	0	stratus			
	7.30 pm	do		29.51	+24	S	2	b	0				
21	12.30 noon	do		29.46	+24½	airs		b	0	none			
	8 pm	do		29.46	+19½	W	1	b	0				
22 nd	noon	do		29.70	+24½	S	3	b	2	altostratus			
	8 pm	do		29.80	+22	S	4	b	2	Cu St Li-N			
23 rd	12.45 noon	do		29.87	+22	S	1	b	0				

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

Low stratus on horizon to north (S.W. wind @ about 10 am)
Steady wind { Terra Nova sighted at 1.40 pm }

{ Fine calm night; low clouds to north } Heavy mirage round ship to east.

Calm day, strong mirage to east.

Wind started about 10 am & scattered clouds, but stratus to east
{ Cumulus to north then fractostratus with clear sky. Overhead is
altostratus in bands, then to south bands getting closer
and merging into a black storm cloud over Lester.

1912 DAY	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Jan												
23 rd	8.20 pm	Roberts		29.85	+23		none	b			none	
24	noon	do		29.80	+23		none	b	2		cirrus	
"	8.30 pm	do		29.70	+26½		none	b			none	
25	12.10 pm	do		29.70	+23	S	2	b	1		Ci st	
"	8.30 pm	do		29.72	+26		none	b			none	
26	1.15 pm	do		29.72	+27	S	4	C	6		Stratus & cirrus	
do	8 pm	do		29.72	+31	W	1	C	7		do	
27	12.30 pm	do		—	+39	S	3	C	7		do	
	7.30	do		29.66	+35	S	6	C	7		do	
28	12.45	do		29.58	+35½	S	3	b			none	
	8 pm	do		29.54	+34	S	3	C	9		alto stratus	
29	12.30 pm	do		29.60	+31	S	6	b	0			
	8 pm	do		29.60	+29	S	6	b	1		cirrus	

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

(Slight NE wind in afternoon)
Cirrus chiefly to east and south (Calm night-)
Calm day but slight wet wind at 4 pm
Little cirrus to north and low stratus north and east (Calm night)
Some stratus on Eber (S. wind (3) during afternoon)
A strong wind started about 9 am with cirrus & stratus from south
(Wind died down about 4 pm) Cirrus bands run from E to W.
(Calm night) Wind started about 5 am Heavy stratus to south
Cirrus overhead & north, stratus to south, some drift
(Dry Blizzard with drift and sun till midnight)
Lines of stratus running N+S especially in the west
Strong wind all day, distant pack drawn out but fixed & unchanged

DAY.	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
Jan												
30	12.30 pm	Robert		29.60	+35½	S	1		C 5		cirrostratus	
do	8 pm	do		29.58	+27	S	1		① 9		altostratus	
31 Jan	12.45	do		29.52	+28	N	2		① 10		do	
	8.15	do		29.50	+29	none			① 10		stratus	
1 st FEB	12.30 pm	do		29.53	+32.5	none			C 5		cirrostratus	
do	8.15 pm	do		29.51	+27	none			C 5		do	
2 nd Feb	noon	do		29.50	+28.5	S	3		C 6		fractostratus	
3 rd Feb	noon	do		29.70	24.5	S	2		b 1		stratus	
"	8.15 pm	do		29.82	24.5	none			C 5		do	
4 Feb	noon	do		29.92	24.5	S	1		none			
do	8 pm	do		29.86	22.5	S	1		C 3		cirrus	
5 th Feb	11 am	do		—	27	S	1					
—	8 pm	8 m. South		29.75	24	S	2		b 1		stratus	

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

Clouds covering western half of sky (bands E & W)
Rather gloomy to south, clear in north (calm cloudy day)
(calm night)
Dark sky to N & E, like snow.
Clear overhead, cloudy all around (calm night)
— do — (new cracks in ice off cape)
(Calm night)
Stratus to north (calm night)
Cloudy round horizon
(Calm night)
Clear till 5 pm then altostratus, which cleared later
Few clouds to SW. (as usual cloudy at 5 pm) Station 500'

1912 DAY. FEB	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
6 th	7.45 am	On Piedmont 8 m South CR Roberts 500' up		29.92	+ 22		S	2	b	1		stratus
do	8.45 pm	Behind Spike Cape 1000' up		29.49	+ 10		SW	2	b	1		do
7 th	8.45	- do -		[29.32]	+ 21		none		b	3		curvus
	8 pm	Behind marble Pt 1350' up		28.94	+ 18		none		⑥	9		all curvus
8 th Feb	9.30	do		28.90	+ 23		none		⑦	9		do
	7.45	CBernacchi		29.80	+ 23		S	1	①	9		str. nimbus
9 th Feb	8.30 am	do		29.68	+ 21		S	3	②	10		str. nimbus
	8.55 pm	do		29.69	+ 19		none		b	1		stratus

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

cloudy around icebergs

cloudy N+E Wind cold (from ^{to} westerly component)

clouds as Noahs ark, bands N+S over zenith

(clear calm day with curvus gradually spreading)
Noahs ark ESE-WNW bands

Heavy stratus (except clear in SW) and very heavy dark nimbus to NE
Overcast & very stormy to SE where is heavy nimbus
(Cleared almost wholly by noon, drifting to E)
now cloudy to NE

1912
DAY.
Feb

	HOUR	POSITION.		Bar	Hyps- omet- er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.		
		Lat.	Long.							Amount	Kind	Direction from upper lower
10 th	9.35	C Bernacche		29.65	+25.5	N	1	0	10	stratus		
	8 pm	Dry Valley SE end.		29.63	+25.1	SE	2	0	10	do		
11 th	8.30 am	do		29.76	+24	none		0	10	stratus		
	7.35 pm	do		29.82	+18	SE	3	0	10	snow clouds		
12 th	7.40 am	do		29.78	+12.5	none		0	9	stratus		
	8 pm (near SE of Ferrar)			29.75	+18	none		C	4	hazy		
13	8.15 am	do		29.87	+22	none		0	9	stratus		
do	8 pm	Bytter pond depot		29.93	+20	S	2	C	5	stratus		
14 Feb	7.45 am	do		29.90	+14	S	1	b	5	cirrus haze		

BRITISH ANTARCTIC EXPEDITION, 1910.

OBSERVER'S
INITIALS.

REMARKS.

(Calm night-) Sun shining on icebergs and a little clear in SE
Sunny at 5 pm dull rest of day

gloomy sky (an inch of SNOW fell in the night)
Some snow falling, heavy clouds 1000' up. Sunny on CE range
Clear to NW, icebergs showing slightly
Clear except haze to NE + NW (sky overcast till 2 and then
clouds drove to east)

alto stratus over whole sky except to SE where sun visible
(strong S wind 3 blowing from 4 pm till 5 then calmer)

Clear S + W, red hazy (Calm cold night-)

1912
DAY.

Feb

HOUR

POSITION.

Lat. Long.

Bar

Hyps-
omet-
erDry
BulbWind
Dir.
TrueWind
Force

Weather

CLOUD.

Amount

Kind

Direction from
upper lower

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.

14

pm
7.30Southend
strand
moorings

29.83

+21

W

2

b

1

shales

15th

9.45
am

do

29.70

+21

none

C

5

cirrus haze

1.30pm

Picked up by Tena Nora off
Blue Glacier

Some shales on W & E horizon, clear elsewhere

Blue sky mingled with cirrus (floomy to East)

Snow storm developing from East.

Closed log

Griffith Taylor

(copied on Board Tena Nora
8-9-10 March G.T.)

OBSERVER'S
DAY.

HOUR

POSITION.

Lat.

Long.

Bar

Hyps-
omet-
erDry
BulbWind
Dir.
TrueWind
Force

Weather

CLOUD.

Amount

Kind

Direction from
upper lower

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.

OBSERVER'S
INITIALS.



Rough Chart of
Route &
Camps
Nov - Feb
1912

(Discovery
Bluff
= Rendezvous)

NB Gondola Mt was
named Mt Sless
by David I believe

G. I.
2/10/12

NB. Localities on
First Western Journey
are marked on map in
report (given to Capt Scott)
of that expedition

