

No. 2

*Weather*  
-----  
*Stenographer*



From Sept. 1 1928

To Nov. 1 1928

Riverside line

No. 2708



Sept 1 - 1928 - Mt. Evans.

A P 8 few cist 0  
 few AST 3 h.t.s

Dry 49.1 47.2 10 few cist 0

Wet 41.5 41.4 12 few ci 0

Max 49.1 58.1 2 few ci 0

Min 40.0 49.1 4 few ci 0

Hum 44 46

Wind E 10 NE 12 6 few ci 0

Temp 50 60 8 few 1 A Cu SE (from over ice)  
 AST SE (over ice)

Bim 27.956 27.927 10 1 A Cu SE

Bg 27.92 27.80 4 AST SE

Prec 0 0

Aurora begin about 9:30 until after 2 AM,  
 certain effect in SE-SW. Intensity 5  
 reddish sunset

Kite flight today - 1500 m. wire out.  
 Sky practically clear all day.

	1	2	3	4	5	6	7	8	9	10	11	12
	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE



	A	P	8	2	ci	ssw
Dry	43.0	40.2	10	few	ci	0 horizon to S
Wet	39.0	38.1	12	few	ci	0 h. to S
Max	47.2	55.4	2	few	ci	0 h. to S
Min	37.0	40.0	4	few	ci	0 h. to S
Hum	78	90	6	few	ci	0 h. to S
Wind	ENE 3	W 8	8	few	ci	0
Temp	60	59	8	few	AST	SE (over ice)
Bar	27.992	27.960	10	few	ST	SW in valleys to west
Prec	0	0				

Sept. 2, 1928

Another clear day -  
Pressure down to 27.80

Theodolite set with 0° on N today

Hassell + Cramer brot across  
the fjord about 9:00 P.M.

1	2	3	4	5	6	7	8	9	10	11	12
NE	NE	NE	NE	NE	E	E	E	E	E	E	E
E	SE	SE	S	S	SW	SW	W	W	W	W	W



	A	P	8	10	st	S
Dry	37.0	38.1	10	10	st	SSW
Wet	37.0	35.8	12	5	stCu	SSW
Max	40.2	43.8	5	5	st	SSW
Min	33.1	37.0	9	5	stCu	SW
			5	5	st	SW
Hum	100	89	4	10	stCu	SW
Wind	W6	WSW6	6			
Temp	44	64	10	10	stCu	SW
Bm	28.100	28.2408	10	10	stCu	SW
Bq	28.05	28.10	10	10	stCu	SW
Pre	T	T				

① began about 7:00AM.  
 ② stopt about 9:30AM.

Sept 3 - Labor Day

st changed to stCu about 11AM.

Hassell + Cramer stay here tonight.  
 (6 1/2 hr. over Davis st)

1	2	3	4	5	6	7	8	9	10	11	12
W	W	W	W	W	SW	SW	S	S	S	SW	SW
SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW



38	36	8	10	st cu	W
37	36	10	4	Acu	W
			6	st cu	W
39.0	48.0	12	5	st cu	W
32.2	35.0		5	st	W
		2	4	st cu	WNW
98	100		6	st (sl)	WNW
77.5	77.0	4	10	st (sl)	WNW
			10	st	WNW
55	59.5	6	10	st	WNW
28.222	28.276				
28.150	28.15	8	10	st	NW
0	0.4mm	10			

Sept 4, 1928

The gang left in the afternoon,  
Dr. Hobbs, Hassell, Cramer, et al,

Snow fell during PM on Nokayouga -  
temp - here however 39°, Snow also fell  
on some of the hills far to the NW.

⊙ 2:16 - 4:12 P

1	2	3	4	5	6	7	8	9	10	11	12
W	W	W	W	W	NW	NW	NW	NW	W	SW	SW
S	S	SW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW



			8		
			10	st	sw
Dry	36.0	37.4	10	4	Acu SE
				4	st cu S
Wet	38.0	35.0		2	st S
			12	4	Acu SE
Max	38.0	41.9		5	st cu S
			2	1	ci st O
Min	34.5	37.4		3	Acu SE
				6	st cu E
Hum	100	84	4	2	ci st O
				2	Acu SE
Wind	sw 1	NE 10		4	st cu E
			6	1	ci O
Temp	44	59		3	st cu SE
			8	few	Acu SE
Bm	28.270	28.312		1	st cu SE
Bq	25.25	25.16	10		
Prec	0.5mm	T			

Sept. 5

Rain DN; also 8:28A-8:45A,  
 St. in valleys to W, N + NE of mt. Evans.  
 St base about 450M, till about 9:30A when  
 clouds dissipated. Acu formed the ceiling then  
 + extended out over the ice.

Towering cu formed where the sun  
 found a break in the clouds, 10A-4P. However  
 these rapidly joined the rest of the mass  
 of St cu.

Rain streamers appeared to the S-11A to  
 1:30P; around to the W-2 to 3P - in NW 3-6P,

7  
 7 | 53

1	2	3	4	5	6	7	8	9	10	11	12
WNW	WNW	W	W	SW	SW	SW	SW	SW	S	S	S
SE	SE	E	E	E	E	NE	NE	NE	NE	NNE	NNE



Sept 6, 1928

	8A	8P	5	5	Acu	NW
			5	5	AST	NW
Dry	34.2	42.6	10			
Wet	30.2	39.4	10		AST	W
Max	37.4	48.5	12			
Min	28	34.1	2		AST	S
Hum	63	56	10	few	AST	S
					stcu	S
Wind	NE 12	SE 21	4			
			10	few	AST	S
Temp	38	58	6		lentic	AST S
Bim	28.110	28.088	10	few	AST	S
					lentic	AST S
Bq	28.08	27.97	8		AST	S
Prec	0	0	10	few	lentic	AST S
			10	few	AST	S
					lentic	AST S

Below freezing for first time this fall.

1/4" ice on evaporation pan.

Snow on Pingo this morning covered north side + range of mts to the north, absence of snow on S side probably due to higher surface Temp's + to fact that clouds came from S+SE + did not become sufficiently cooled until they had passed over the peak.

During the P.M. it appeared as if the AST merged into Cist over the ice cap.

Did the < in wind in the evening to about 20 mi ph. have as its forerunner the lenticular AST?

1	2	3	4	5	6	7	8	9	10	11	12
NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
ESE	ESE	SE	S	S	SE	SE	SE	SE	SE	SE	SE



Sept. 7.

SE wind today

	A	P	8	3	ci st	S
				3	AST	S
				few	but AST	S
				few	st cu	SE
Dry	42.4	40.3	10	2	ci st	S
				1	ci cu	S
Wet	38.5	38.3		2	st cu	SE
			12	3	ci st	S
Max	42.4	50.5		2	ci cu	S
				3	st cu	SSE
Min	36.2	40.3	12	3	ci st	S
				few	ci cu	S
Hum	75	67		4	st cu	SSE
			4	2	ci st	S
Wind	SE 12	57		1	ci cu	SSE
				2	ci cu	SSE
Temp	45.6	51.5		3	st cu	SSE
			6	4	ci st	S
				2	ci cu	S
Tom	28.028	28.018		1	ci cu	S
				few	st cu	S
Bq	27.99	27.95	9	3	ci st	S
				2	st cu	S
Prec	0	0	10		few AST	S

200

46

1	2	3	4	5	6	7	8	9	10	11	12
SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
SE	SE	SE	SE	SE	SE	E	E	E	E	E	E



	8a	8p	8/2	cast	8
			Few	ci	0
			Few	A	0
Dry	40.6	39.5			
wet	37.1	34.6	10/5	cast	SSE
			Few	ci	SSE
Max	40.6	50.2	Few	st	0
min	31.9	39.5	12/7	ci	0
			3	st	SSW
			1	cu	SSW
Hum	67	62			
Wind	E 7	W 3	3	ci	SSW
			2	st	SSW
			Few	cu	SSW
Temp	42.0	64.5			
			4/5	cast	SSW
			2	st	SSW
			Few	cu	SSW
Dew	28.0	28.1			
			6/6	ci	SSW
			2	st	SSW
Bar	28.00	28.05			
			8/7	ci	SSW
			5	A	SSW
			4	A	SSW
			7	st	SSW

Sept 8

The wind shift between 6 and 8 pm passed through the N. It brought a heavy layer of A cu and A st clouds and the wind calmed down considerably.

42  
81

	1	2	3	4	5	6	7	8	9	10	11	12
	E	E	E	E	E	E	E	E	E	E	E	E
	E	E	E	E	E	E	N	W	W	W	W	W







Sept. 19, 1928

			8 1 cu st 0 SW
			2 A cu SW
			1 A cu SW
			6 st SW
Dry	34.9	30.5	10 1 A cu 0 2 A st SSW 2 st cu SSW
Wet	33.8	30.5	4 st SSW
MAX	36.5	44.5	12 1 A cu 3 SSW 3 A st SSW 2 st cu SSW 4 st SSW
Min	31.0	30.5	12 F cu 0 4 st cu SSW
Hum	89	<del>100</del>	
Wind	E 2 1/2	NW 1/2	4 6 st cu SSW 3 st SSW
Temp	45.0	60.0	6 8 st cu SSW 5 st SSW
BARom	28.238	28.278	
BARog	28.20	28.18	8 3 st cu SSW 1 st SSW
Pre	T	T	

st cu most of the day.  
R-DN; 6:20 A. - 7 P.M.

	1	2	3	4	5	6	7	8	9	10	11	12
a	E	E	E	E	E	E	E	E	E	SE	SE	SE
b	SE	SE	E	E	NE	N	NW	NW	NW	NW	NW	NW



	8a	8p	8/10	st N
Day	29.0	33.1	10/	10 st N
Nit	29.0	31.9		
MAX	30.5	31.9	12/	10 st N
Min	25.6	29.0	2/	10 st N
Hum	99	89	4/	1 st ar N
Wind	E 3	NE 5		8 st N
Temp	46.0	64.0	6/	3 A ar N 3 st ar N 5 st N
Barom	28.204	28.208	8/	5 st ar N
Barog	28.20	28.07		5 st N
Prec	0	T		

Sept. 11, 1928

st clouds were lying over the hills at eight A.

Heavy frost.

Aurora - intensity 6

about 3P, st changed to st cu; still st predominated.

Trace of snow here at intervals during day.

S-SHAZA - cont DN -

1	2	3	4	5	6	7	8	9	10	11	12
N	N	N	NE	E	E	E	E	NE	N	N	N
N	N	N	N	N	N	NE	NE	N	NW	NW	NW



	8a	8p	8
Dry	32.1	34.1	10 st NW NW
Wet	32.1	34.1	10 st NW NW
MAX	32.1	36.2	10 st NW NW
MIN	30.9	32.1	
HUM	100	100	10 st NW NW
WIND	NW 4	E 1 1/2	
Temp	45.0	60.5	10 st NW NW
BAROM	28.014	28.028	10 st NW NW
BAROG	27.99	27.938	10 st NW NW
PREC	T	2.2mm	

Sept. 12, 1928

8 am - Snow from the NW

\*J.D.

\*fall 2.2" 5" gnd = T at 8P

	1	2	3	4	5	6	7	8	9	10	11	12
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	E	E
NW	NW	NW	NW	N	NE	E	E	E	E	E	E	E



	8a	8p	8/7A cu SSW 2A st SSW
DRY	34.8	36.1	10 2 ACu SSW few A st SSW 1 st Cu S
Wet	32.9	36.1	13 few ci 0 1 ACu S 2 st Cu S
MAX	34.8	46.1	3 few ACu SSW 5 st Cu S
MIN	30.9	34.8	4 1 ACu S 2 st Cu S
HUM	88	100	6 2 st cu 0
WIND	E 3	NE 12	8 few A st 0 " st cu 0
Temp	38.0	60.0	
BAROM	28.152	28.322	
BAROM	28.115	28.248	
Prec	T	0	

Sept. 13, 1928

There was a gradual clearing D.T.

1	2	3	4	5	6	7	8	9	10	11	12
E	E	E	E	E	E	E	E	NE	E	SE	SE
SE	SE	SE	E	E	E	NE	NE	NE	NE	NE	NE



Sept. 14, 1928

	8a	8p	8/	10 st N
Dey	31.5	35.5	10/	
Wet	31.5	35.4		10 st N
MAX	36.1	38.5	12/	
Min	29.0	31.5		10 st N
Hum	100	99	3/	
Wind	SE 4	NNW 2	4/	
Temp	46.0	64.0		10 st N
BAC	28.20	28.296	6/	10 st N
BAC	28.24	28.16		
FEEC	0	T <sub>SNOW</sub>	8/	9 st N

In early P.M. the st became st cu but later reverted to the st. An occasional flake of \* was to be seen D.D.

	1	2	3	4	5	6	7	8	9	10	11	12
a	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE
b	SE	E	E	E	E	NE	NE	N	N	N	N	NE







8/ Few Ast 0  
" 5 cum 0

Sept. 16, 1928

Dry	32.5	39.5	10/	5 ci st WSW 1 cu cu WSW " A cu WSW
Wet	29.5	36.9		
Max	32.8	45.5	12/	8 ci st WSW 1 cu cu WSW
Min	27.9	32.5		
Hum	73	59	2/	3 ci st WNW 6 cu cu WNW Few dr 0
Wind	NE 3	NE 6	4/	8 ci st NW 1 cu cu NW 4 A cu NW 2 A st NW
Temp	51.0	60.0		
Barom	29.98	29.600	6/	1 ci st NNW 3 cu cu NNW 4 A cu NNW 2 A st NNW
Barog	28.32	28.52	8/	
Prec	0	0		10 A st N

East wind continued today. Aloft ci st formed quickly after about 8:30 A. Several forms of clouds were to be seen in the afternoon. About 7 P. a sheet of A st became dominant and appeared to grow out of the higher clouds.

AM  
PM

1	2	3	4	5	6	7	8	9	10	11	12
E	E	NE	NE	E	E	NE	NE	E	E	E	E
E	E	E	E	E	E	E	NE	NE	NE	NE	NE











	A	P	8	1 AST	0	L-7 X-3	0	Sum
Dry	47.0	41.0	9	st cu	SW	L-10 X-1	2	0
Wet	43.6	37.2	10	st cu	SW	L-10 X-1	3	0
Max	47.0	47.0	12	1 AST	SW	L-10 X-3	0	0
Min	41.2	39.0	9	st cu	SW	L-10 X-3	3	0
Hum	78	71	2	1 AST	SW	L-10 X-3	0	0
Wind	SE 8	W 5	9	st cu	SW	L-10 X-1.5	2	0
Temp	49	65	4	12	ci	SW	L-1 X-5	0
Bim	28.27	28.300	8	2	AST	SW	L-10 X-3	0
Bq	28.20	28.15	8	2	st cu	WSW	L-10 X-1.5	1
Prec	1.4/mm	0	6	1	ci	SW	L-5 X-5	0
			3	AST	WSW	L-10 X-3	0	0
			6	st cu	WSW	L-10 X-1.5	4	0
			8	2	ci	0	L-2 X-5	0
			2	AST	0	L-6 X-3	0	0
			2	st cu	WSW	L-10 X-2	0	0

Clearing toward evening  
st cu in western sky

Sept. 19

stopped 10 PM on 18<sup>th</sup>

Kite flight was made in an attempt to get up in a SW wind. Leaving the observatory where there was a 24 m.p.h. wind, we found scarcely enuf wind on the field to raise the kite. However we launched it and then managed to reel out 500 m. with an angle of 44°. Then the wind suddenly abated, leaving the kite come to earth.

	1	2	3	4	5	6	7	8	9	10	11	12
SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW
SW	SW	SW	SW	S	S	SW	SW	W	W	W	NW	NW



	A	P	1	10	st(wb)N	L-10 X-200 -1	Sum	
Dry	39.0	36	10				0	
Wet	39.0	35.8	10	10	st(wb)N	L-10 X-500 -1	0	
Max	41.0	39.0	12	10	st(wb)N	L-10 X-1 -1	0	
Min	35.9	34.0	2	10	st(wb)N	L-10 X-1 -1	0	
Hum	100	99	4	10	st	NE L-10 X-15 -1	0	
Wind	NE 1	NE 6	6	9	st	NE L-10 X-2	0	
Temp	46	65	8	10	st	NE L-10 X-15 -1	0	
B <sub>in</sub>	28.350	28.552						
B <sub>g</sub>	26.27	26.41						
Pres	T	1.0 <sub>m</sub>						

Sept, 20

Rain began 7:30 A; ended 3:40 P. Clouds covered mt. Evans from 7:30 A until 11 A.

Occasionally during the P.M. the inland ice reflected sunlight, proving the st was w of this area,

Moisture for the rain today probably came in with yesterday's SW wind.

	1	2	3	4	5	6	7	8	9	10	11	12
NW	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE
E	E	NE	NE	NE	N	N	NNE	NNE	NE	NE	NE	NE



	A	P	8	2	st	E	10;100;0
Dry	31.0	40.7	10	fw	st	E	10;300;0
Wet	31.0	35.0	12	fw	cist	WSW	1;4;0
Max	36.0	49.0	2	5	cist	SW	2;4;0
Min	29.5	31.0	4	6	cist	SW	3;35;0
Hum	100	56	4	6	AST	WSW	3;35;0
Wind	E 6	E 8	4	6	AST	WSW	3;2;0
Temp	38	63	4	6	AST	WSW	3;2;0
B <sub>1</sub> m	28.590	28.696	8	2	cist	SW	dark
B <sub>1</sub> g	28.55	28.56	1	1	AST	WSW	
Prec	0	0					

Aurora

Sun  
through st

Sept, 21,

B

B

thin cist

thin cist

0 by AST  
at 5:45 P

st. very low; in fjord + nearby  
valleys  
Frost this morning.  
Aurora tonight began  
7:45 P - streaks from  
over mt Evans toward  
the ice cap (ENE), L → 3  
Balloon showed high  
SSW winds.  
Snow on Pingo again  
this AM after being bare  
for two days.

	1	2	3	4	5	6	7	8	9	10	11	12
NE	NE	NE	E	E	E	E	E	E	E	E	E	E
E	E	E	E	E	E	E	E	ESE	E	E	E	E



Sept 22; In our barter today with Marinus Olsen  
I traded about  $\frac{1}{3}$  can of tea for a piece of caribou.  
Bugs gave Carl Olsen 10 kronas <sup>(bills)</sup> for a bag and  
a spear head. We also gave them five meals,  
three small flashlights, and a piece of black bread.







	A	P	8	7	ci	S	
Dry	49.0	47.5		1	AST	S	10;5;3 10;4;0
Wet	42.8	43.1	10	2	ci+lst	S	9;5;3
Max	49.6	60.0		1	AST	S	5;3;3
Min	43.5	46.4	12	2	ci	S	10;5;3
Hum	61	81		2	Acu	S	10;3;3
Wind	E 5	W 12		3	AST	S	10;3;3
Temp	53	64		1	AST	S	10;3;3
B <sub>1</sub> m	28.90	29.00	4	6	ci	S	10;5;3
B <sub>2</sub> g	28.80	28.85		2	Acu	S	10;3;3
Proc	0	0		2	AST	S	10;2;3
			6	5	Acu	S	10;3;3
				4	AST	S	10;2;3
			8	1	Acu	SSW	10;3;3
				8	AST	SSW	10;2;3

Sun  
B (dmc)

Sept. 23 - Sunday

Note summer Temp.  
S wind aloft, E at surface.  
Ci of morning gradually  
disintegrated (did not move over)  
while Acu came in from S.

B

B

B

Shadow 21' at 2 P.

2:20 P  
O

Rain tonight began  
at 9:45 but continued only 5 min  
aurora in southern sky  
about 10 P

O

1	2	3	4	5	6	7	8	9	10	11	12
E	E	E	E	E	E	E	E	NE	NE	NE	E
E	E	E	E	NE	NE	NE	W	W	NW	N	N

Sunr - cloudy  
Suns - cloudy



	8a	8p	<sup>8</sup>	Few ci st	0
Dry	42.1	46.9		" st cu	0
Wet	41.7	40.9	<sup>10</sup>	1 ci st	0
				Few st cu	0
Max	47.5	54.0			
Min	39.5	42.1	<sup>12</sup>	2 ci st SSE	
				⊙	
Hum	96	57	<sup>2</sup>	8 ci st SSE	10:5:3
Wind	NE 6	E 8		⊙	
			<sup>4</sup>	4 ci SSE	10:5:3
Temp	48.0	64.0		5 ci st SSE	10:45:3
				Few st	0
Barom	28.920	28.876	<sup>6</sup>	3 ci st S	10:45:3
				1 ci st S	⊙
Baro	28.89	28.74		5 st S	
			<sup>8</sup>	6 ci st S	10:45:3
Baro	T	0		4 st S	10:3:3

Monday Sept 24 1928  
 8a The few ci st are over the ice  
 + st cu to the SW. Seen bright  
 10a ci st over ice  
 st cu on W horizon  
 Trace of rain during nite  
 Ci was quite evident today - pressure  
 still high.  
 then ci st

	1	2	3	4	5	6	7	8	9	10	11	12
	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	NE	NE	NE	E	E	E	E	E	E	WNE	NE	NE
Sunrise	-			clear								
Sunset	-			cloudy								



	8a	8p	8/	10	Ast	SW	10:2:3
Dry	43.5	46.9	10/	7	ci	0	6:5:2
Wet	41.3	40.8		9	Ast	SW	10:2:5:3
					Low Ast	SW	
Max	46.9	54.5	12/	10	Ast	SSW	10:2:5:3
Min	39.5	43.5	2/	4	ci	SSW	10:4:2
				2	ci	SSW	
Hum	89	59		1	ci	SSW	
				3	Ast	SSW	10:2:5:2
Wind	E 5	NE 7	4/	3	Ast	SSW	10:3:2
				4	Ast	SSW	10:27:2
Temp	47.0	63.5	6/	2	Ast	SW	10:4:2
				3	Ast	SW	10:3:2
Barom	28.912	28.992		3	Ast	SW	10:27:2
			8/	5	ci	SW	10:5:2
Dewy	28.90	28.86		5	Ast	SW	10:27:2
Pne	T	0					

Sun  
Sept. 25, 1928

Trace of rain DN, came from Ast which came in last site from the S. This morning they gradually passed on toward NNE. Pressure still high.

1	2	3	4	5	6	7	8	9	10	11	12
E	E	E	E	E	E	E	E	E	E	E	E
E	E	E	NE	NE	E	E	NE	E	E	E	E

Sunrise cloudy  
Sunset - cloudy



8a	8p	8	3 ci st	SSW	5;4;2	
			2 A cu	SSW	5;22;2	
			5 A st	SSW	5;2;2	
High	43.2	40.2	10	2 ci st	SSW	5;4;2
				4 A cu	SSW	5;3;2
net	35.8	36.9		3 A st	SSW	5;2;2
Max	46.9	54.1	12	1 A cu	S	5;3;2
				9 A st	S	6;2;2
Min	40.9	40.2	2	few ci	S	5; " "
				5 A cu	S	5; " "
Hum	45	74		3 A st	S	5; " "
				3 ci	S	7;5;2
Wind	NE 6	W 7	4	3 ci st	S	7;4;2
				1 A cu	S	5;27;2
Temp	45.5	62.5	6	5 ci	S	" "
				2 ci st	S	" "
Baro	28.912	28.914		2 A st	S	" "
				4 ci	S	10;5;2
Baro	28.90	28.86	8	4 A st	S	10;28;2
Pre	0	0				

Sun  
Sept. 26, 1928

ci were well developed again today. Pressure is still high.

1	2	3	4	5	6	7	8	9	10	"	12
E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
E	SE	S	S	S	S	SW	W	W	W	W	W

Sunrise - cloudy  
Sunset - cloudy



	8a	8p	8/	Few Ci	SW		
			2/	Acu	SW	4;25;2	
Dry	39.5	48.2	7/	AST	SW	10;2;2	0
			10/	3 Aca	SA	6;25;2	thru Acu
Wet	36.9	41.3		Few Ast	SA	7;2;2	0
			12/	2 ci st	SSW	6;4;2	thru Acu
MAX	40.2	50.1		4 A cu	SSW	8;25;2	0
			2/	Few ci cu	SSW	8;4;2	thru Acu
M,IN	31.5	39.5		8 A cu	SSW	10;25;2	0
				Few Ast	SSa	5;2;2	thru Acu
HUM	82	45	4/	Few Acu	S		
				3 Ast	S	10;2;2	0
Wind	N/2	NE/2		7 Lent Ast	S	8;2;2	0
			6/	5 Ast	S	10;2;2	
Temp	42.5	66.0		1 Lent Ast	S	8;2;2	
				4 st cu	S	8;25;2	0
BAROM	29.936	28.846	8/	5 Ast	S	10;2;2	
				5 st cu	S	10;25;2	0
BAROM	29.920	28.711					
Prec	0	0					

Sunset  
Sept. 27, 1928

Fohn conditions prevailed today; evening brot the many layered clouds, prevalent mostly in west.

	1	2	3	4	5	6	7	8	9	10	11	12
a	NW	NW	N	N	N	N	N	N	N	N	NE	NE
p	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Sunrise - cloudy  
sunset - cloudy

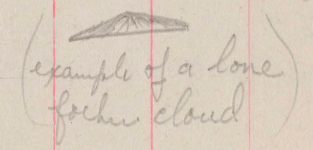


8a	8p	8/	8 A ST W	10; 2; 2	2
			2 LA ST W	10; 2; 2	2
Dry	46.5	48.2	7 A ST WSW	10; 2; 2	0
Wet	38.7	43.1	3 LA ST WSW	10; 2; 2	0
MAX	48.2	53.4	4 A ST WSW	10; 2; 2	0
MIN	44.5	46.5	3 LA ST WSW	9; 2; 2	0
AUM	46	50	3 ST WSW	10; 15; 2	0
Wind	NE 8	NE 7	2 A ST SW	10; 4; 2	0
Temp	57.0	69.0	5 A ST SW	10; 25; 2	0
BAROM	28.708	28.648	3 A ST SW	10; 2; 2	0
CAROA	28.76	28.51	7 A ST SSW	10; 25; 2	0
Prec	0	T	2 A ST SSW	10; 2; 2	0
			1 ST SSW	10; 15; 2	0
			7 A ST SSW	10; 2; 2	0
			2 A ST SSW	10; 2; 2	0
			1 ST SSW	10; 2; 2	0

Sept. 28, 1928

1st rain began 8:28 am; stop 8:45 A  
 Foehn clouds were unusually well developed in the S + SW in the early morning, i.e. before eight o'clock. These same kind of clouds seemed to continually form & then disintegrate throughout the day, continuing even into the darkness of night. They were pretty evenly divided as to the section of the sky, perhaps however, the west & southwest had more than any other.

The day was warm enof so that one did not need a coat while he was outdoors.



	1	2	3	4	5	6	7	8	9	10	11	12
am	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Pm	NE	NE	NE	NE	N	N	NE	NE	E	E	E	E
					Sunrise	-	cloudy					
					Sunset	-	cloudy					



8a	8p	4 st cu S	10;2;5
Dry	46.9	43.9	10/ Few ci st 0
Wet	43.0	35.7	7 st cu S
MAX	48.2	55.9	9 st cu S
MIN	43.2	43.9	2 Few cu SSW
HUM	71	55	7 st cu SSW
WIND	E 19	SE 40	5 st cu SSW
TEMP	49.0	64.0	6 Few ci st 0
BAROM	28.57	28.672	4 st cu SSW
BAROG	28.55	28.55	3 st cu S
PREC	1.5 mm	T	

Sept. 29, 1928

Shine  
I

Trace of rain 8A to 8:05A; also rain D.V.

Wind from SE gradually increased from early morning, (before 8A) when it was approx 12 m.p.h. to about 45 m.p.h. at 8P. gusts must have reached at least 50 or 60 m.p.h. at least the balloon showed 82 m.p.h. at 5000 m. what wind was above this level could not be determined because the balloon was lost at this level. If the foggy clouds of yesterday were warnings of this wind, the latter was slow in reaching us. There were no foggy clouds today. Rain streamers were evident to the NE + NW about noon.

1	2	3	4	5	6	7	8	9	10	11	12
SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE

Sunrise - cloudy  
Sunset - cloudy



8a	88	8/10	ASTSSE	10:2:0	Sum Sept 30, 1928
Dry	36.2	41.2	10/10	ASTSSE	10:2:0
Wet	34.9	39.9	10/10	ASTSSE	10:2:0
MAX	43.9	44.1	10/10	ASTSSE	10:0:0
MIN	34.9	36.2	2/3	10:45:0 10:4:0 5:15:0 5:2:0	Thru 1st
HOM	89	87	4/7	ASTSSE	8:2:0
WIND	W6	W2	6/2	ASTSSE	8:2:0
Temp	43.0	73.0	8/2	ASTSSW	0
BAEOM	28.518	28.366		ASTSSW	0
BAROg	28.50	28.24	8/1	ASTSSW	
PREC	0	T			

Trace of rain from st 10:11 - 11:34.

1	2	3	4	5	6	7	8	9	10	11	12
SW	SW	SW	W	W	W	W	W	W	W	W	W
N	N	NE	NE	N	N	NW	W	W	W	W	W

Sunrise - cloudy  
Sunset - cloudy







	A	P	10	ST	S	10; 500; 0
Dry	39.1	35.3	10			
Wet	35.2	35.3	10	ST	S	10; 1; 0
May	41.5	44.0	10	2 Cst	S	10; 35; 2
				6 AST	S	10; 15; 2
Min	34.9	35.3	fin	etc	S	10; 1; 2
			2	2 Cst	SSW	10; 35; 2
				5 AST	SSW	10; 2; 2
				3 St(n)	SSW	10; 1; 2
Wind	E 7	NW 12	4	2 Cst	SW	10; 35; 2
				5 AST	SW	10; 2; 2
				3 St(n)	SW	10; 1; 2
Temp	44	68				
Bm	28.372	28.522	6	10 ST	SW	10; 1; 1
B9	28.34	28.35	8	10 St(n)	SW	10; 1; 1
Pre	0	T				

Sun

Oct 2, 1928

Trace of rain 9:39-45 A  
 St increased in light about  
 10:30 to become AST. at noon  
 the sun had cleared patches  
 here and there in the sky.

The mountain tops S, W + N were  
 covered with snow this morning, for  
 the first time in at least ten days. During  
 the day snow fell on some of the  
 higher ridges.

Rain began at 7:50 P and  
 at 8:05 it became mixed with  
 snow.

Sunrise - cloudy  
 Sunset - cloudy

	1	2	3	4	5	6	7	8	9	10	11	12
	E	E	E	E	E	E	E	E	E	E	E	E
	E	E	E	NE	N	NW	NW	NW	NW	NW	N	N



	A	P	8	10	st(alt)	N	10;100;0	Sun	0
Day	32.0	33.9	10						
Nat	32.0	33.8	10	st	N	10;100;0		0	
Max	35.3	37.2	12						
Min	31.5	31.5	10	st	N	10;100;0		0	
Hum	100	98	2						
Wind	N 4	NW 2	10	st	NNW	10;0;0		0	
Temp	42	65	4						
Bar	28.480	28.550	10	st	NNW	10;0;0		0	
Bq	28.45	28.41	6						
Prc	1.3mm S+R	Ts	8	10	st	NNW	10;0;0		

Sunrise - cloudy  
Sunset - cloudy

Oct. 3, 1928

Trace of snow on the ground at 8A. Snow continued from DN until 10:29 A. Nokayona and surrounding hills well covered with snow. I suppose our slope, which faces the south, is somewhat warmer. Snow fell at intervals during the afternoon.

1	2	3	4	5	6	7	8	9	10	11	12
N	N	N	N	N	N	N	N	NE	E	S	E
NE	NE	N	N	N	N	N	NW	NW	NW	NW	NW







Oct. 5, 1928

	A	P	8	10	cist	SW	10:35:0	sun
Dry	26.6	41.0	10	10	AST	0	☉	thin cist
Wet	24.3	35.1	10	10	AST	0	☉	thin cist
Wet	22.7	41.0	12	10	AST	0	☉	thin cist
Wet	24.4	25.0	10	10	AST	0	☉	thin cist
Wet	82	57	2	7	AST	SW	10:4:0	" "
Wet	29	66	4	3	AST	SW	10:4:0	" "
Wet	26.580	28.540	6	6	AST	SW	10:4:0	" "
Wet	28.52	28.38	6	6	AST	SW	10:4:0	" "
Wet	0	0	8	0	0	0	-	

Waterworks Lake had a cover of ice 1/4" thick, while that on the evaporation pan was 1/2". This morning was our lowest temperature. During the AM there was considerable haze in the vicinity of Pingo, but this disappeared by 1 P.M.

Slight halo - 10:10 → 10:30 A.  
Faint aurora in the south

This evening the sun set with a sky unusually clear, shortly after sunset there were no clouds visible + the N. star is nearly directly overhead, with the Dippers lying to the north.

My shadow at 8A was 57' long.  
" " 4:15 P " 93' "

Sunrise - cloudy  
Sunset - clear

	1	2	3	4	5	6	7	8	9	10	11	12
NW	N	NE	NE	NE	NE	NE	NE	NE	N	N	NE	
NE	NE	N	N	NW	NW	N	NE	NE	NE	NE	NE	



	A	P	<sup>8</sup>	4	cist	N	10;5;0	Sum thru cist
Dry	39.6	41.5	<sup>10</sup>	6	cist	N	10;5;0	"
Wet	33.9	35.6						
	41.0	48.0	<sup>12</sup>	8	cist	N	10;10;00;0	"
	35.2	39.6						
	54	58	<sup>2</sup>	10	cist	NNE	10;12;000;0	"
Wind	NE 7	NE 1						
Temp	41.5	73	<sup>4</sup>	10	cist	NNE	10;12;100;0	"
	28.562	28.644	<sup>6</sup>	6	cist	NNE	10;12;000;0	"
	28.53	28.48						
	0	0	<sup>8</sup>	5	cist	NNE	—	—

Sunrise - Pt. cloudy  
 Sunset - Pt. cloudy

Oct, 6 - 1928

A light NE wind and a cist sky brot fair weather today. Humidity hovered around 50%, while pressure remained even.

First ice on the fjord but it appeared to be only in scattered patches

Aurora began 10:20 tonight, light streamers from WSW to NE directly overhead. Intensity about 7.

The moon made its circuit in the northern sky and was never out of sight, i.e. below the horizon.

1	2	3	4	5	6	7	8	9	10	11	12
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE



	A	P		Ci	0	10; 12,000; 0	Sum
Dry	33.8	36.0	10	Ci	0	10; 12,000; 0	Sum
					①		B
Wet	31.2	31.6	3	AST	SE	10; 4; 2	then AST
Wet	41.5	39.5	12	Ci	0	10; 12,000; 0	then ACu
				AST	SE	10; 4; 0	
Wet	31.8	33.8	5	ACu	SE	10; 3; 50	
Wet	90	66	2	4	AST	SE	10; 4; 0
				6	ACu	SE	10; 3; 0
Wet	NE 6	NE 5	4	5	AST	SE	10; 3; 0
				5	ACu	SE	10; 3; 0
Wet	28.48	28.274	6	8	AST	S	10; 3; 0
				2	ACu	S	10; 3; 0
Wet	28.46	28.15	9	5	AST	S	10; 3; 0
	0	0					

Oct. 7

Altho the day opened clear, by ten thirty the sky was nearly covered by AST and ACu. The outstanding thing of the day was the drop in pressure, i.e. from 28.46 at 8A to 28.15 at 6P. a radiation fog was local over Botany lake this morning. It disappeared by 9:15A. On the other hand the fjord was free from fog, it did however have small patches of ice. The ground was white with frost this AM. a rather infrequent occurrence.

Sunrise - clear  
Sunset - cloudy

	1	2	3	4	5	6	7	8	9	10	11	12
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE
N	N	N	N	N	N	N	NE	NE	NE	N	N	N



Sent in a second call for the  
Walrus tonite →



A	P	8	Few A cu	0	2-3-0
31.9	32.1		" Ast	0	2-3-0
31.9	32.1	10	Rad fog to N		
36.0	38.9		6 ci st SSW		10-10-2
28.4	31.9		Few Ast	0	2-3-0
100	100	12	9 ci st SSW		10; 10; -2
SW 4	N 2	2	8 ci st SSW		10; 10; 2
44.0	69.0		1 ci cu SSW		7-8-2
28.342	28.598	4	1 st cu	0	5-1-0
28.31	28.45		7 ci st SSW		10; 8; 2
0	0		3 Ast SSW		10; 3; 2
		6	4 ci st SSW		10; 8; 2
			4 A cu SSW		10; 3; 2
			2 Ast SSW		10; 3-2
		8	5 ci st SSW		10; 8; 2
			4 A cu SSW		10; 3-2

Sum  
B  
thru ci st  
thru ci st  
thru ci st  
thru ci st  
Oby Ast

Oct. 8, 1928

altho there were few clouds at sunrise, about 9:30 ci st began to form and by noon the sky was almost completely covered. From this developed A cu + Ast in the P.M. Pressure remained even. Wind was light. The ground was white with frost in the morning and in shaded places it remained all day.

Ice is increasing in amount in the fjord, i.e. larger pieces + SW to the point of Nakayanga

Sunrise - cloudy  
Sunset - cloudy 5:35

1	2	3	4	5	6	7	8	9	10	11	12
NW	NW	W	SW	SW	SW	SW	SW	SW	W	W	W
SW	S	S	S	SW	SW	W	N	N	N	NE	NE



	8a	8p	8/	Few AST 0	1-10;	Oct, 9, 1928
				over Pump		Thin haze
Dry	29.5	33.9	10/	Few AST 0	1-4-0	B (slight haze) 7
Wet	28.3	31.6				surface
Max	32.1	40.5	12/	Few AST 0	1-4-0	B (slight haze) 5
Min	27.3	29.5				surface
Hum	90	74	2/	Few AST 0	1-4-0	B (slight haze) 3
Wind	NE 5	W 4				surface
Temp	38.0	63.0	4/	Few AST 0	1-4-0	B (surface haze) 2
BAROM	28.442	28.512	6/	Few AST 0	1-4-0	B intensity
BAROMs	28.44	28.40				
PREC	0	0	8/	Few AST 8	1-4-0	

Frost again this A.  
 Pressure even; wind  
 light; clouds: few AST;  
 making for a pleasant  
 day. Only a haze  
 which appeared to be  
 near the surface kept  
 the sun from being  
 bright. This haze decreased  
 in intensity during the day.

	1	2	3	4	5	6	7	8	9	10	11	12
Am	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Pm	NE	NE	N	N	N	N	NW	W	W	W	W	W

Sunrise - Hazy - no clouds  
 Sunset - Thin small layer AST



	8a	8p	8/	Few A cu 0
Dry	32.9	34.0		5:40
Wet	32.9	30.5	10/	Few A cu 0
MAX	37.5	40.5	12/	"
MIN	30.9	32.9		Few A cu 0
HUM	99	69	2/	Few A cu 0
Wind	1/4	NW 6	4/	"
Temp	42.0	60.0		Few A cu 0
BAROM	28.52	28.55	6/	Few A cu 0
BAROM	28.55	28.46		"
PREC	0	0	8/	2 A cu SW

Oct. 11, 1928  
Sun

Today was unusually clear - balloon went 34,000 meters. Pressure steady; wind light.

Aurora began about 10 P. in southern sky. 15

Sunset about 5:05 P. - WSW

	1	2	3	4	5	6	7	8	9	10	11	12
AM	N	N	N	N	N	N	N	N	NE	NE	E	E
PM	NE	NE	NE	N	N	N	N	NW	NW	N	N	N

Sunrise - ~~clear~~  
Sunset - cloudy



8a 8p 8 2 ci cu SSW 5SW  
 5 Au 1 SSW  
 Oct. 12, 1928

dry	32.1	35.1	(11)	Thin cist
Wet	29.8	30.8 <sup>10</sup>	7 ci st SSW	5; 12, 00, 0
MAX	34.0	39.5 <sup>12</sup>	9 ci st S W	"
MIN	29.3	32.1	6 ci st SW	"
HUM	75	60 <sup>2</sup>	4 ci st SW	"
Wind	N 3	N 6 <sup>4</sup>	Few A st 0	"
TEMP	37.0	63.5	2 ci st SW	"
BAROM	28.520	28.488 <sup>6</sup>	2 A st 0	"
BAROM	28.54	28.38	Few ci st SW	"
PREC	0	0	Few A st 0	"

Weather was fair today; pressure dropt slightly; wind N and light. ci st was very thin.

	1	2	3	4	5	6	7	8	9	10	11	12
Am	N	N	N	N	N	N	N	N	N	N	N	N
Pm	NE	NE	NE	N	N	N	N	N	N	N	N	N

Sunrise - Clear  
 Sunset - cloudy  
 sunset approx 5:05 P.M.



Due arrived today. Three of the men  
came up for supper, bringing mail with them.



8a 48

8/

No clouds

Oct. 13, 1928

Day 33.1 38.6

10/

Few A cu

→ B) <sup>sun</sup> Heavy dust in atmosphere very heavy. Unavoidable. Seems to lay nearest

Night 26.6 32.0

over ice

Barford. Humidity very low

Max 35.1 47.5

12/

1 A cu S 5:50  
over ice

Barometer has been steadily dropping since 8am yesterday.

Min 29.0 33.1

3/

over ice

Note the max. today - due more

Hum 36 48

2/

1 A cu S  
over ice

" to descending winds off the ice than

Wind NE 9 E 10

3/

over ice

" to warmth of sun since ice showed.

Temp 38.0 63.5

2/

Few A cu S  
over ice

" " no signs of melting.

Bald 38.2 76 28.3 14

4/

few A cu S

Bald 38.2 75.20

8/

1 A cu S

PRE 0 0

8/

1 A cu S

	1	2	3	4	5	6	7	8	9	10	11	12
AM	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
PM	NE	E	E	SE	E	E	E	E	E	E	NE	NE

Sunrise - no clouds (clear), but heavy haze (dust)  
Sunset - clear



<sup>two</sup>  
Durré left about 11:30 A.M. Sunday. They had  
Baur has a passenger. The Delec engine was  
sent back because the necessary parts were brought  
in to replace those which had become worn,  
Furthermore Baur's order asked for either an engine  
or the parts and they sent both.



8a 8p

8/10  
few

cist SE  
AST SE

10:51, 2

Oct. 14, 1928

day 34.0 40.9

10/7

cist SE

SE

Sum  
then cist

Wet 29.9 35.8

3

cist SE

SE  
7:42

MAX 38.6 40.9

17/4

cist SE

AST SSE

MIN 32.1 34.0

few

ACU SSE

SSE

HUM 57 46

1/2

ACU SSE

AST SSE

Wind N 11 NE 12

17/8

cist SE

SE

Temp 50.5 60.0

2

AST SE

SE

BAR 26.24 28.10

6/3

ACU SE

AST SE

BAR 26.24 28.07

8/2

ACU SE

AST SE

PREC 0 0

8/8

ACU SE

AST SE

	1	2	3	4	5	6	7	8	9	10	11	12
Am	NE	NE	N	N	N	N	N	N	N	NE	NE	NE
pm	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Sunrise - cloudy  
Sunset - cloudy



80 88

8/1	ci	st	S	10;5;2
1	ci	st	SE	7;3;2
1	AST		SE	(5)rice
10/2	ci	st	SSE	10;5;2
2	ci	st	SSE	
3	AST		SE	10;4;2
fw	Acu		SE	(1)

Oct 15, 1928

DRY 35.0 42.1

WET 28.6 34.0

MAX 40.9 44.5

MIN 33.9 35.0

HUM 47 45

WIND NE 12 NE 12

TEMP 39 = 68

BAROM 29.120 29.946

BAROM 29.12 27.76

PREC 0 0

12/9	ci	st	SSE
1	AST		SE

2/2	ci	st	SSE
6	ci	st	SSE
2	AST		S

4/6	ci	st	SSE
4	AST		S

0/8	ci	st	SSE
2	AST		S

8/6	ci	st	SSE
-----	----	----	-----

thru ci st

" "

"

"

set 5:00P

Note the low pressure at the 8PM observation. Wind from the NE picked up considerable dust along the mud flat making the air quite hazy, and increasing the thickness of the deposit on all things hereabout. The air was not filled with dust as much today as on the 13<sup>th</sup>. The wind was brisk today, otherwise things were normal (except pressure).

	1	2	3	4	5	6	7	8	9	10	11	12
am	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
pm	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Sunrise - cloudy  
Sunset - cloudy











	A	P	<sup>8</sup>			
Dry	20.6	21.0	10	st nb	W	10;0;1
Wet	20.6	21.0	<sup>10</sup>			
Max	27.6	24.8	10	st nb	SW	10;0;1
Min	20.6	20.6	<sup>12</sup>			
Hum	100	100	10	st nb	S	"
Wind	NE 4	N 4	<sup>2</sup>			
Temp	39.5	64.0	10	st nb	S	"
Pm	28.40	29.400	<sup>4</sup>			
Bq	28.20	28.24	10	st nb	SE	"
Pre	T <sub>c</sub>	T <sub>s</sub>	<sup>6</sup>			
			10	st nb	SE	"

\*fall =  
 Sunrise - cloudy  
 Sunset - cloudy  
 \* "grid - 45

Sum  
0

Oct. 19

altho' it looked for a time about 2 P as if the sun would break thru, it did not fully succeed + so we had another day with overcast sky. There was almost continual snowfall today but it amounted to only a trace. The snow seemed to be ice crystals more than snowflakes, due perhaps to low temp. Visibility at its greatest during past 2 days has been 2 miles + this occurred today at 2 P. For the most part during these 2 d. it has been impossible to see the fjord, due to st that hung to the surface of the ground + to the snow. After vis. was reduced to a 100 yds, due to clouds more than snow.

	1	2	3	4	5	6	7	8	9	10	11	12
NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E
E	E	E	E	E	E	E	NE	N	N	N	N	N











Oct. 22

Sum  
thin A cu

Clouds today were both to the E+W of us. Toward evening thin A cu came overhead from the SSW. This was a clear cold day

	A	P	#	Time	Dir	St	SSW	10;4;1
Dry	8.5	10.0	3	A	ST	SSW	10;3;2	10;4;1
Wet	7.2	8.6	10	4	A cu	SSW	10;3;2	
Max	13.6	11.1	2	A ST	SSW			
Min	6.0	8.5	12	6	A cu	SSW		
Hum	61	67	2	A ST	SSW			
Wind	N 8	NE 6	2	8	A cu	SSW	10;4;2	by balloon
Temp	34.0	64.0	1	A ST	SSW			
Bm	28.272	28.336	4	2	A cu	SSW		
Bg	28.30	28.22	1	A ST	SSW			
Pres	0	0	6	3	A cu	SSW		
				2	A ST	SSW		

Sunrise - cloudy - part  
 Sunset - clear - part  
 Sun set about 4:25 P.M. W S W

\*"grd" = 4.10

	1	2	3	4	5	6	7	8	9	10	11	12
N		N	N	N	N	N	N	N	N	N	W	N
W		N	N	N	N	N	N	NE	NE	NE	NE	NE



	A	P	8/7	5 A cum #1 ST NW	10;3;0
Dry	8.0	6.9			
Wet	7.1	6.0	10/3	cist NNW	10;5;0
MAX	11.9	9.3	4	A ST NNW	10;3;0
MIN	6.9	6.0	12	4 cist NNW	10;6;0
Hum	80	70		2 A cum NNW	NW
Wind	N 6	N 11	2	Few cist N	
Temp	28.0	64.0		4 A cum N	
				2 A ST N	
BAROM	28.39	28.46	4	2 A cum N	
				2 A ST N	
BAROG	28.42	28.31	6	1 A ST N	
PREC	0	0			

Oct. 24  
Sun  
B

three cist

Botany lake entirely frozen over today. The moon came up about 15° above the S horizon. Pressure dropping slightly.

B

\*"gd. 380

	2	3	4	5	6	7	8	9	10	11	12
N	N	N	N	N	N	N	N	N	N	N	NE
NE	NE	NE	NE	NE	NE	N	N	N	N	N	N

sunrise - clear  
sunset - cloudy



8a 8P	8	Few st SW	10;6;0	Sum
	5	Ast SW	10;3;0	0
Dry 9.0	15.5	10 2 ci SW	10;6;0	
Wet 8.3	15.5	6 fur ce qn SW	10;5;0	thru Ast
		6 Ast SW	10;25;0	
MAX 9.2	15.5	12 fur st 0	10;100;0	above hills, across field
		Few Ast SW	10;15;0	0
MIN 6.5	9.0	10 Ast SW	10;2;0	
		fur st 0		
HUM 90	99	2 10 st SW	10;1;0	by balloon
Wind N 2 1/2	W 10			0
Temp 37.0	70.0	4 10 st nb SW	10;0;0	0
		SNOW-2:45		
BAROM 28.35	28.138	6		
BAROM 28.32	27.997	10	st nb SW 10;0;0	
PREC 0	Tsmw			

Oct. 20

from 28.35

at 4 AM the pressure began to drop slowly, but at 7A it began to fall quite rapidly so that by 6 P it had reached 27.97 where it again leveled off. Ast clouds changed to st & to st nb in about the course of the morning & early PM. Snow began as hard pellets instead of flakes. Probably this moisture came in with the N wind of the past few days

\*"grd" = 3.95

	1	2	3	4	5	6	7	8	9	10	11	12
a	N	N	N	N	N	N	N	N	NW	W	W	W
8	W	W	W	W	N	W	W	W	W	W	W	W
					sunrise							
					sunset							

sunrise - cloudy  
sunset - cloudy



Oct. 27

8a	8p	8/10 stAb W
dry	17.0	19.0
Wet	17.0	19.0
		10 stAb SW
Max	17.0	20.9
Min	17.0	17.0
		10 stAb S
Hum	100	100
		10 stAb S
Wind	W4	SE4
Temp	43.0	76.0
		10 stAb S
Barom	28.124	28.160
		10 stAb S
Barog	28.13	28.15

Snow fell all day and only once or twice in the morning were there signs of its abating. The no clouds were on the surface of the ground most of the day - visibility about 100 yds, A-\* 7:48 P

Prec	2 mm Snow	1.4 mm Snow	* "grd = 6.75 * face 3.1									
	1	2	3	4	5	6	7	8	9	10	11	12
	W	W	W	W	W	W	W	W	SW	S	S	S
	S	S	S	S	S	S	SE	SE	SE	SE	E	E

Sunrise - cloudy  
 Summit - cloudy



Oct. 28

Am	Pm	8/	Few A	St	NNW
Am	11.8	7.5	10/	Few C	St 0
mt	11.8	7.5	4	St	NNW
max	19.0	12.2	12/	2	dist 0
min	10.5	7.5	1	St	NNW
Hum	100	100	3/	Few	dist W
				All	st 0
Wind	NE 5	NE 4	4/	Few	dist W
Temp	41.0	64.0			
Barom	28.62	28.62	6/	Few	dist W
				Few	A st 0
Baro	28.62	28.50			
Pres	0	0			

snow depth about  $6\frac{1}{4}$ " -  $6\frac{1}{2}$ "  
 sunset at 4:00

stopped snowing IN  
 st clouds formed over the  
 center portion of the fjord,  
 some hundred feet above  
 the water. These clouds  
 continued to form until  
 shortly after noon.

Summit - clear  
 Summit - clear  
 \* "qid = 6.40

	1	2	3	4	5	6	7	8	9	10	11	12
Am	E	E	E	E	E	E	NE	NE	NE	NE	N	N
Pm	NE	E	E	SE	E	NE	NE	NE	NE	NE	NE	NE







	8A	8P	8	3	cist	SW
				2	AST	WSW
Day	19.5	28.5		few	LAST	WSW
Wet	18.9	27.9	10	2	ci	SW
				2	cist	SW
				3	AST	WSW
Max	23.0	28.5				
Min	11.5	19.5	12	1	ci	SW
				4	AST	SW
				5	AST	WSW
Hum	71	73		few	LAST	WSW
Wind	NE 12	N 8	2	2	cist	SW
				4	AST	WSW
Temp	29.5	68		few	LAST	0
Bm	28.570	28.160	4	1	cist	0
Bg	28.60	28.00		3	LAST	0
				few	AST	0
Pre	0	0	6	7	AST	0
				3	ACu	0

\*'grad = 5.5

Sunrise - Pt. cloudy  
 Sunset - Pt cloudy

Oct 30.

Beginning at A the pressure  
 dropt very rapidly to at  
 Tochu conditions were quite  
 evident for during last nite  
 wind increased to 15 m.p.h. while the  
 temp also rose. Only a few LAST  
 were to be seen in the E at 8A, and  
 by 8:30 they disappeared. The balloon  
 showed a strong ESE wind during  
 most of its flight. From noon on  
 LAST < in the SW sky; temp also  
 increased. Wind during the day  
 was moderate  
 nite was cloudy

	1	2	3	4	5	6	7	8	9	10	11	12
A	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N
P	N	N	N	N	N	N	N	N	N	NE	NE	NE



Day	29.0	25.0	9 AST	SE
Wet	28.6	24.4	low AST	SE
			few st	0
Max	35.0	31.0	9 AST	SE
Min	27.0	22.1	few st	0
Hum	98	72	low AST	SE
			9 st	SE
Wind	E4	SSE14		
Temp	45.5	72.5	10 st	SE
Dir	27956	27888		
Bar	2794	2770	9 AST	SE
Pres	0	0		

Oct 31

The low pressure of yesterday appeared to have hit rock bottom at 4 A, but later in the day it again started downward to reach 27.70 at 8 P. A st + st formed the sky covering during the day. Snow appeared to be falling on the inland ice during the A.M.

10 AST SE

Sunrise cloudy  
Sunset cloudy

\*"grd = 5.0

	1	2	3	4	5	6	7	8	9	10	11	12
	NE	NE	NE	E	E	E	E	E	NE	NE	NE	NE
	NE	NE	E	ESSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE