

June 11, 1928 Notes

	5a	8p	9a
T	47.2	53.8	9 A cu S Few str cu WSW
Max	44.2	45.4	10a 7 A cu SW 1 A str <sup>above mid</sup> SW - view.
Max	50.1	64.2	Str - cu 1/2 WSW 2040 - wind E
Min	37.2	46.9	7 A cu SW 2 A str SW
Hum	68	38	2 1/4 A str NNE 9 str cu NNE
Wind	NE 8	NE 12	
Temp	48.5	58.5	4p 6 str cu SSE
Barom	28.934	28.868	
Barog	28.57	28.75	6p 6 str cu SSE
			8p Few str SE

Some str. A cu is ragged & covers nearly the entire sky. There are some str cu on the coast

2pm The alto str. clouds forming over the ice develop into strato cu

8pm Two balloon flights to day. The clouds are coming from the ice and at 4 o'clock the barrier line had passed mid sky. The A str over the ice disappeared about 7 P.M.

9/ N 35.4  
S 47.6  
Sh 47.2  
H 68

1) N 40.8  
S 53.6  
Sh 61.4  
H 32

9/ N 40.0  
S 55.1  
Sh 53.8  
H 38

7	8a	8P	8/
Day	50.5	52.2	Few Ci st SW
Night	43.0	43.0	
Max	53.8	66.9	4 ci cu SSE
Min	41.2	50.5	now 3 Acu SSE 4 ci cu SSE
Hum	46	42	
Wind	E 12	W 10	7 ci st SE 2 ci cu SSE 1 Acu SSE
Temp	52.5	65.0	
Barom	28.674	28.692	10 Acu SSE
Barog	28.57	28.50	0 / Few Acu SE Few Alt st SE 9 st cu SE
			T
			9 / 10 st SE

June 2, 1928		Notes	2 N	38.4
8		The cirriforms are over the grain to the SE	S	50.2
9			SW	50.5
10		Baroon run wind shifts from E SE to S	H	46
12		The sky is rapidly covering over with ci cu and Acu clouds over the grain the Acu are developing into folkie clouds & the Acu are replacing the ci cu. The fog is choked with facial dust. The Barograph is dropping steadily; the wind blows in gusts from the E. The wind is warm and the temperature is rising fast with a drop in humidity.	N	42.8
		Barometer 11:57 = 28.548 (61.0°)	S	54.5
		Temp (air) " = 60.2	SW	65.6
		Barog " = 28.39	H	29
		Wind velocity 22		
P.M. Barom 11:02 = 28.492 (67.5°)			N	38.8
(Barometer) = 65.6			S	53.8
Barog = 28.37			SW	2
Wind vel = 25 (over)				42

The hygro thermograph was corrected for  
pressure at 1:24 P.M. It was 5° above the  
psychrometer.

4 P. The clouds are all Aca & cover the entire  
sky. To the SE and E they have the  
föhn shape. The barograph is steady  
& the wind from the SE blows in  
gusts.

RD 7:09 P.M.

RE 7:31 P.M. - No record - just trace.

x	8a	8p	
			4 3A cu SE
Dry	50.5	57.6	
Wet	47.4	51.4	1/2 Few ci SE
May	56.2	66.1	
Min	42.5	50.5	noon Few ci SW Few Acu SW Few cu N
Hum	79%	64%	2/ 1 A cu SE 3 cu SE
Wind	N 4	NE 12	4/ Few li cu SSE 3 cu SE
Temp	54.0	67.5	
Barom	28.504	28.728	9/ few ci SSE 1 A cu SE 2 cu SE 2 st cu SE
Range	28.74	28.55	8/ Few ci - 5 SW 1 ci cu - 5 SW 1 A cu - S 3 st cu - 0 SW? 2 st - 0 SW?

June 4, 1928 Notes JUN 4 1928  
 10 A.M. A twenty minute balloon run with the upper wind from the S.  
 2 P.M. Balloon lost behind a bank of Cu clouds after 41 minutes.

N	38.6
S	50.1
SE	50.5
H	79
N	49.47
S	57.0
SE	63.4
H	37%
N	43.5
SE	57.8
SE	57.6
H	44

	8a	8P	3/4	1 ci SSE 7 ci st SSE 1 ci cu S
dry	59.6	57.2		
Wet	48.4	51.9	10/16	6 ci SSW Few cu (S)?
Max	57.6	66.9		
Min	46.9	53.6	7/1000	4 ci SSW Few cu S
Hum	64	65	2/4	4 ci SSW 2 cu WSW
Wind	NE 6	E 12	4/4	2 ci SSW 1 ci st SSW 3 cu SW
Temp	56.0	60		
Barom	28.756	28.784	6/8	Few cu W " st cu SW
Dewpt	58.65	28.64	8/8	Few ci SSW " st cu SW

June 5, 1928		Notes		W	40.2
10 <sup>am</sup>		The ci clouds are in a transition point between ci & ci st.		S	53.1
		The balloon run showed a change in wind direction from NNE through NE, ENE, E, ESE, S to WNW back to S & SSW.		Sh	53.6
				H	64
2 <sup>pm</sup>		22° Solar Halo	ROYD.	N	47.9
		Balloon runs show an interesting wind shift. Between the surface and the ci level the wind shifts from the NE through the E, SE and S. The ci were coming from the SSW. Above the ci level the balloon again changed its course and the wind recurred N S, SE & ESE.		S	58.3
				Sh	63.0
				H	42%
				N	45.1
				S	59.7
				Sh	57.2
				H	45

	8a	8P	% Few ci st SE
Day	54.4	58.5	
Day	47.9	49.0	10% Few ci st SE
May	57.2	67.2	norm Few ci SE
Min	47.4	54.4	
Hum	55%	42%	3% Few ci SE
Wind	NE 9	N 9	4%
Temp	57.0	61.5	Few ci SE
Barom	28.748	28.750	6% Few ci st SE
Barog	28.66	28.62	8% Few ci st SE

June 6, 1928 Notes

The only clouds this morning are a few ci st on the Southern horizon. A 78 minute run in the morning and one of 161 minutes in the afternoon. The sky has been exceptionally clear of clouds all day with a few ci in the SE but slowly travelling in this direction. This direction is difficult to determine & the obs date is of little help.

8/ N	41.2
S	33.5
SH	57.4
H	55
9/ N	43.7
S	59.1
SH	63.9
H	38
8/ N	44.1
S	60.9
SH	58.5
H	42

x	8a	8p	8/	Few <sup>SE</sup> <del>ci st</del>
dry	55.2	56.5		
bet	53.2	50.9	10/	Few ci st <sup>SE</sup>
May	58.5	66.2		
Min	48.2	55.2	12/	Few ci st <sup>SE</sup>
Hum	96%	49%		
Wind	NE 4	NE 9	4/	Few cu NNE
Temp	58.5	59.0		
Baro	28.798	28.776	4/	Few cu NNE
Baro	28.70	28.67	6/	Few ci st N
			8/	4 ci st NNE

June 7, 1928 Notes

At about 10 P.M. some cu clouds appeared over the ice. They were carried by a N.E. wind and at 5 they were but a few remnants left over Pingo. At six they had completely disappeared and there appeared some low ci st coming directly from the N

8/ N	42.9
S	54.3
dry	55.2
H	58
1/ N	46.7
S	60.6
S <sub>h</sub>	63.5
H	40%
8/ N	44.2
S	59.7
S <sub>h</sub>	56.5
H	49

	8 a	8 P		June 8, 1928	Notes	
			<sup>8</sup> / <sub>8</sub> Few Ci ST ENE		Be the sky is clear of clouds except for one small streamer of Ci ST.	N 42.2
Qty	54.0	56.9				S 53.5
Feet	48.1	49.8	<sup>10</sup> / <sub>10</sub> Few Ci ST NE		As the cu approaches from the W it is transformed into Ci Cu	Sh 57.0
Max	56.5	65.6				H 57%
Min	47.8	54.0	<sup>12</sup> / <sub>12</sub> Few Ci ST NE			N 46.0
Hum	54%	46	<sup>2</sup> / <sub>2</sub> Few Cu W			S 60.2
Wind	NE 6	NE 13	<sup>4</sup> / <sub>4</sub> Few Ci Cu W			Sh 63.4
Temp	58.0	59.5	" " Ci W			H 38%
Barom	28.782	28.664	<sup>6</sup> / <sub>6</sub> Few Ci Cu W			N 44.1
Barog	28.67	28.55	<sup>8</sup> / <sub>8</sub> Few Ci Cu SE			S 59.8
						Sh 56.9
						H 46



	8a	8p	8	Few Ci Cu W
dry	57.5	57.9		
wet	44.4	48.4	10	No clouds!
max	56.9	63.5	12	Few Ci Cu W Few Cu NW
min	43.5	51.5	2	6 Ci st W 1 cu NW
sun	68	62		
wind	E 7	W 13	4	4 Ci st W 1 cu NW
temp	55.5	58.5	6	Few Ci st W " cu W
Barom	28.60	28.564		
Barog	28.51	28.47	8	Few Ci W " Ci st SW SW 3 A cu SSW 1 cu SW 2 st cu S

June 9, 1928 Notes

8a After Ci Cu over the m  
2p The Cu clouds seem to be  
formed from the ci st.

N	39.8
S	55.7
SR	51.5
H	68
N	44.7
S	60.2
SR	61.0
H	39
N	43.8
S	60.4
SR	52.9
H	62

	8a	8p	8	8A cu SE Finst cu SE
Dry	47.9	49.6		
Wet	42.1	43.8	12	4 ci cu SE 2A cu SE 1 cu SSE
Max	52.9	63.2	12	4 ci st SE 2 cu SE
Min	35.8	47.9	2	Few li st SW 2 ci cu SW 5 A cu SW 2 cu S
Hum	66	56		
Wind	SE 6	W 12	4	2 li st SW 1 cu WSW 2 A cu WSW 3 st cu W
Temp	46.0	57.0	6	8 ci st W 1 st cu SW 1 cu WSW
Bar	28.552	28.584		
Bar	28.52	28.47	5	8 cu et W 2 st cu SW

June 10, 1928 notes

Dr. Church & the boys are at Kananah.  
Keeping up the observations and making  
a balloon run by myself later aft half  
time to about the weather.

N	39.1
S	54.2
E	47.9
H	68
N	45.1
S	60.6
W	57.1
H	42
	93.9
	57.2
	49.6
	56

Day	52.8	47.3	8/4 A cu WNW 2 st cu W 1 A st WNW
Nat	47.1	42.9	10/4 A cu W 1 st cu W 1 A st WNW
May	52.8	63.9	12/1 cu st S 1 cu cu SSE 3 A cu SSE 2 A st SE
Min	35.2	45.5	
Hum	52	64	2/2 cu st S 5 A cu SSE 1 A st SSE
Wind	E 12	W 86	
Temp	55.0	58.0	4/6 cu st S 2 A cu SSE 1 A st SSE
Barom	28.652	28.684	
Clouds	28.62	28.57	6/4 cu cu SW 2 A cu WSW Few st WNW
			8/2 cu WSW 1 A cu W 1 A st NW 3 st NW

June 11

3:30 PM. The A cu has a ci st background and an A T base.  
 direction determined by balloon  
 4 PM. The A st is directly north of the observatory & it appears as if there may be precipitation to the N  
 6 PM. The A st to the N has been changed to st. & there is precipitation from it (appearances indicate)  
 8 PM - a low st. hangs over the N horizon. The fog like appearance extends well over the ice.

N 42.2  
 S 55.5  
 Sh 52.8  
 H 52%

N 57.8  
 S 60.2  
 Sh 61.9  
 H 36%

N 43.7  
 S 57.9  
 Sh 47.3  
 H 04

	8a	8p	8/
Wing	48.5	52.4	Get on NE 1st st N
Wet	44.8	46.0	19 Wind SE Stn cu 5 [N-4 S-1]
Max	48.5	59.6	WV from NW on N a lower cl from NE
Min	36.4	48.5	2/ Stn cu 4 [N3- S1-] WV from W of N
Hum	75	49%	Wind SE veering to E
Wind	SE 5	NE 13	2/ 4st cu ENE
Temp	57.0	59.0	4/ 3 A cu ENE
Barom	28.706	28.768	6/
Barog	28.66	28.62	9/ Few A cu ENE
			9/ Few A cu ENE

June 12, 1928

Stn 8 and 10 o'clock cloud observations were made by Dr. Church. He also made the wind observations between 8 am & 10 pm. and changed the wind sheet on the anemometer. I went down to lower camp for supplies.

The day opened with an overcast sky of st cu & t ct clouds from both N & NE. They were very low from appearance & covered Pingo. The clouds generally became less and at noon but 4/ of the sky was covered. The direction has shifted to ENE. At about 3 P.M. the half of the sky toward the ice was clear and the st cu is now 4 cu. S.

(over)

8	N	45.6
	S	57.9
	Sh	48.5
	H	75
	N	46.0
	S	41
	Sh	67.0
	H	43
	N	44.4
	S	59.1
	Sh	52.4
	H	45

at 5 P.M. the sky was still clearing  
and I note .2 covered with A cu.

At 6 the sky is almost clear with  
a few straggling A cu to the W carried  
by an ENE wind.

The wind has been from the SE all day.

I see no indications of the Cirrus  
clouds that I have noticed to be so common  
during this state of the weather.

June 13, 1928

	8a	8p	3 cu WNW 2 cu SW
Ray	49.8	56.4	
Piet	44.4	47.9	<sup>10</sup> 4 cu SWNW 3 cu SW
Mex	52.4	64.7	
Min	42.4	49.8	<sup>12</sup> 4 cu SWW 3 cu SW
Norm	58	48	<sup>2</sup> 8 cu SW 1 cu SWNW
Thiel	E 10	N 10	
Camp	53.0	62.0	<sup>4</sup> 7 cu SWNW 1 cu SW
Caron	28.914	28.932	<sup>4</sup> 2 cu WNW
Carog	28.75	28.78	<sup>8</sup> 1 cu SW

N	42.8
S	57.1
Sh	49.8
H	58

N	46.2
S	62.2
Sh	59.4
H	29

N	47.8
S	64.6
Sh	56.4
H	48

	8a	8a	8/	Few C C W
July	50.9	57.2		
West	46.1	47.1	10/	
				Few C C W NW
Mat	56.4	64.7		
Min	43.9	50.9	13/	Few C St NW
Hum	63	35	2/	
Wind	E 4	E 9		Few C W
Temp	55.5	60.0	4/	Few C W
Barom	28.952	28.912	6/	Few C W
Baro	28.88	28.81	8/	clear

June 14, 1928

The C C is over the glacier. The direction is said to determine, but they seem to be going away from here by a W wind

8a	N	43.2
	S	56.8
	SE	50.9
	H	63
1P	N	48.4
	S	62.0
	SE	62.6
	H	32
8P	N	48.6
	S	61.1
	SE	57.2
	H	35

	80	8P	8/	Few Cist W
Qwy	51.0	58.7	10/	Wind SE Cist - str. - T in SE and 1/4% of NE but ambiguous
Net	43.1	50.3	12/	Few Cist W(?)
Max	57.2	65.6	2/	
Min	43.2	51.0	2/	
Sum	58	44	2/	Few Cist W(?)
Wind	5 SE	SE 4	4/	
Temp	57.0	63.0	4/	Few Cist W(?)
Barom	28.962	28.954	8/	Cist E!!
Barog	28.87	28.82	8/	
				Few Cist E

June 15, 1928  
Wind clock!

The Cist is building over the ice. They do not advance as are probably in a W wind. I am not sure of their direction.  
 2 P.M. The first balloon run indicates a strong wind from the ice. A second balloon was sent up to see if the first one leaked. The second followed the path of the first.  
 10 o'clock cloud observation by Dr. Church  
 Also morning wind observations

N	46.1
S	56.4
SE	57.0
H	58
<hr/>	
N	46.8
S	65.0
SE	63.5
H	40
<hr/>	
N	52.1
S	68.4
SE	58.7
H	



	8a	8p	8	2a NE 2a ST ENE
Day	52.5	57.5		
Nat	45.4	48.2	10	1a NE 3a ST NE
May	58.7	66.2	12	
Min	45.4	52.5		2a ST ENE
Hum	64	48	2	2a NE
Wind	NE 5	E 4		
Temp	56.5	60.0	4	Few Ci NE
Barom	28.918	28.926	6	Few Ci NE Few Ci NNW
Barog	28.82	28.81	8	
				Few ci NW

June 16, 1928

Midnight Sun - 12:16 am on  
N meridian disk  $\frac{1}{3}$  down below  
mountain ridge

Today's balloon ascension was  
a reversal from that of June 15.  
On June 15 the balloon was  
caught in an E wind & carried  
away. Today the upper cloud  
same from the NNW and W.  
at 5:30 Ci began to appear  
& some thin clouds appeared  
on the N horizon over the ice.

N	41.0
S	58.1
Sh	52.5
H	64
N	51.2
S	66.4
Sh	62.2
H	42
N	47.8
S	64.2
Sh	57.5
H	48

	8a	8p	8
Day	52.5	36.3	Few Ci st E
Nat	45.0	45.9	10 Wind SE
May	61.7	65.2	Ci - str 1/2 in SW cu - T in SW from E
Min	43.8	52.5	13 751.6 Wind SE
Hum	65	46	ci - str 1/2 in SW (from E) cu - T in S, Wand NE (from E)
Wind	E 6	NE 12	2 Few Ci st NE Few Cu N 4 st cu NNE
Temp	56.5	68.0	4 Few Cu NNE
Barom	28.978	28.904	10
Barog	28.88	28.76	Few Cu N
			Few Cu N

June 17, 1928  
 The few ci. st on the SW horizon  
 the A.M. cloud observations and  
 wind directions by Dr. Church.

N	46.0
S	57.6
Sh	52.5
H	65%
N	—
S	—
Sh	—
H	—
N	49.5
S	64.1
Sh	56.3
H	46

	80	81	8/	1 cu NE
Dry	56.8	56.6		
Wet	45.1	49.3	10/	4 cu NNE
	57.6?			
Max	51.6	63.5	12/	5 cu N
Min	48.5	56.8?		
Hum	58	51	2/	Few Ci Cu N Few St Cu NNE
Wind	SE 5	N 21		3 cu NE
Temp	58.5	59.5	4/	1 cu St N 2 st cu N
Barom	28.834	28.712	6/	
				2 st cu NNE
Dew	28.74	28.63	5/	
				Few St cu NNE

June 18, 1928 Change Sheets  
 I have had some trouble with  
 the thermo-hygrometer today.  
 It will not keep proper time and  
 today's record may be slightly  
 confusing

N	63.0
S	59.6
Sh	56.8
H	58
<hr/>	
N	52.3
S	71.5
Sh	58.9
H	48
<hr/>	
N	53.9
S	65.2
Sh	56.6
H	51

June 19, 1928

	8a	8p	✓ Few ci wnw 2 ci st w Few cu 0
dry	49.2	52.8	
Wet	42.6	45.6	✓ Few ci wnw Few cu 0
max	<del>58.6</del> 58.6 ?	62.8	
Min	41.8	49.2	12/ ✓ 1 cu NE 2 st cu NNE
sun	68	56	2/ 7 st cu NNE
Wind	E 6	N 10	
Temp	53.0	60.5	4/ 5 st cu NNE
Barom	28.652	28.594	6/ Few st cu N
Barom	28.60	28.47	8/ Few A cu N 1 st cu N

N	44.3
S	60.8
Sh	49.2
H	68
N	48.6
S	70.3
Sh	58.8
H	43
N	48.5
S	68.6
Sh	52.8
H	56

	8a	8p		June 20, 1928	
Ray	49.7	57.4	8/ 8 A cu W SW 1 st cu O	The A cu develops into st cu as it reaches the ice. It appears to be stationary	N 46.4 S 61.3
Net	45.6	45.4	10/ 5 A cu W SW 1 st cu W 1 cu W	1:15 Rain streamers to the ESE a over the ice.	Sl 49.7 + 64
Max	52.8	62.1	10/ 1 ci st NW 3 cu NW 2 st cu NW	1:30 Rain streamers (heavy) to the direct W. The sky is increasing in cloudiness with 70% st. cu clouds. The wind has shifted within a probable hour from the SE thru S to SW and veering toward the W.	N 48.8 S 68.5
Min	40.9	49.7	2/ 2 A cu SW 6 st cu SW 1 cu SW	2:05 Precipitation streamers to the ESE and SW	Sl 57.5 + 51
Hum	68	61	4/ 3 A cu SW 5 st cu SW	6:00 P - The st cu hangs in a heavy mass over the ice to the E. There is possibly precipitation across the fjord. There is undoubtedly precip on the ice to the E.	N 48.5 S 58.4
Wind	NE 9	SW 10	9/ 1 A cu SW 7 st cu W	8p - The st cu is now all in the eastern portion of the sky - the precipitation streamers are still over the ice.	Sl 57.4 + 61
Temp	52.0	62.5			
Bar	28.538	28.562			
Rtg	28.50	28.43			

	8a	8p	3/ Few A cu S 2 A cu S 2 A st S Few st cu 0? 1 st SE
Day	45.2	46.5	
Nat	47.1	42.2	1/ 3 A cu SSW 1 st cu SSW
Max	51.4	56.1	
Min	35.2	45.2	1 1/2 2 A cu SSW 1 A cu SW 3 A st SW 2 st cu SW
Hum	95	72	2/ Few cu 0 3 A st S 6 st cu S
Wind	SE 6	N 5	4/ Few A cu S 4 A st S Few cu ? 2 st cu S
Temp	49.0	59.0	
Rain	28.540	28.598	0/ 7 A st S 2 st cu SSW 1 cu 0
Baro	28.51	28.47	8/ 1 A cu SW 2 st cu SW 7 A st SW

June 21, 1928		N	45.2
220, plac. halo with a heavy mist		S	57.0
toward the sun		Sh	45.2
Some of the A cu has a fork shape		H	96
The st is a low fog encircling the			
entire S half of the horizon. That			
probably accounts for the high hum			
at 2 A.M. the wind was NW			
" 4 A.M. " " " NW			
" 6 A.M. " " " NW			
" 6:30 A.M. " " " N			
" 7 A.M. " " " SE		N	48.1
" 7:20 A.M. " " " SE		S	64.5
" 8: " " " " S		Sh	53.0
" 8:14 " " " " S		H	58
10a The A cu clouds in the S			
portions of the sky are fork shaped.			
The sky has been overcast all day			
with A st clouds forming in the			
SW and SSW & S. Directly		N	43.3
overhead they turn into A cu		S	57.6
& then to st cu as they approach		Sh	46.5
the sea.		H	72

	8a	8p	8/	Few C st S few A cu S 7 st cu S
Dry	55.5	49.9		
Wet	48.1	42.1	10/	Few C st S " A cu SSE 3 st cu SSE
Max	55.5	62.4	✓	
Min	42.7	49.1		8 st cu S
Hum	50	53	✓	Few A st SSE 9 st cu SSE
Wind	S 9	SE 2		
Temp	56.0	59.5	4/	5 st cu S <del>5 st cu S</del>
Barom	28.568	28.552	6/	4 st cu S 6 st cu S
Barog	28.47	28.42	8/	1 st cu S 9 st cu S
			<b>T</b>	

June 22, 1928	944	N 48.1
Wind, clock!		S 65.2
we made a midnight flight last night - rather two. The first balloon hauled N with such speed that I found it leaked. A second balloon dispatched immediately after showed the same results.		Sh 55.5
		H 50
2 p.m. but all streams of precipitation over the ice to the ENE and N.		N 57.5
		S 62.4
3:15 p.m. - Slight trace of rain. Just a very few drops from a low st cloud out of the S.		Sh 55.2
4:00 Rain streams again to ENE + N.		H 37
8p. Pale streamers covering entire S. horizon.		N 44.8
		S 56.0
		Sh 49.9
		H 53





June 24, 1928

7a	8p	8	4+ cu ESE 2A str ESE 4 str cu SE
45.8	47.0		
48.3	44.2	10	4A cu E 5 str cu E
46.9	59.1	11	1A str E 6 str cu E
36.7	45.8	12	few Ci SE 7 str SE 2 str SSE
86	74		
E 3	W 16	4	Few Cu SE 5 str cu SE 1 str SE
48.5	67.0	6	4A cu SE 2 str SE few str cu SE
28.492	28.464		
28.45	28.36	8	Few A cu SSE Few str SSE Few str SSE

1st. rain began 11:25 am  
 2nd. rain ended 11:32 am  
 the light rain is coming with  
 a bank of low stratus cloud  
 from the ice to the E.  
 20 Rings is entirely covered  
 with a low str. cloud &  
 the Eastern horizon is  
 covered with precip. streamers  
 40 Precipitation streamers  
 to the S.  
 60. Streamers to the S+SE  
 and N+NW. No cum to be  
 in the center with no rain  
 & a humidity of 42%

N	44.4
S	52.3
Sh	45.8
H	86
N	48.7
S	62.9
Sh	53.4
H	43%
N	48.1
S	51.9
Sh	47.0
H	74

	Pa	58.8	9 st N 1 st on N
Dry	41.7	45.0	
Wet	41.0	43.1	10 st on N
Min	49.7	56.9	
Min	37.7	40.6	8 st on E
Sum	99	89	14 st 7 st on NE 2 Acc S
Wind	NW 5	W 12	
Amp	46.0	62.5	10 st on NE
Barom	28.432	28.482	3 Acc NNE 4 st on NE
Barom	28.41	28.28	9 st on N 7 on S N

T

June 25, 1928

Change sheets!!

Refer to Balloon run for notes.

R. D. - 2:44

R. E. - 2:51 - Trace

The Barog difference at 8 p.  
probably due to fire in stove.

checked 3 times + results always the same.

N	41.2
S	49.4
Sh	41.1
H	99
N	46.5
S	62.4
Sh	53.0
H	54
N	43.9
S	57.4
Sh	45.0
H	89%

	8a	8p	8/ 10st NW 5LH09NW
dry	37.8	45.7	
Wet	37.8	42.3	10/ 10st in NW
Max	45.0	54.1	
Min	33.9	37.6	12/ 60st in NW
Hum	99	84	2/ 7st in NW
Wind	NW 5	E 7	
Temp	41.0	55.5	4/ 1A cu NW 6st cu NW
Baro	28.548	28.534	6/ FwA cu NW 7st cu NW
Baro	28.53 T	28.50 T	8/ 10st N

June 20, 1928

The cloud observations were all made at Camp Lloyd. Unloading the Kalrus necessitated my presence there. Wind directions were determined by a small flag

N	38.1
S	44.5
Sh	37.8
H	99
N	45.2
S	52.3
Sh	45.7
H	87

	8a	8P	8/ Fowler 0
Dry	47.5	50.9	
Met	43.4	42.8	10/ 1 air wnw 5 stem wnw
Max	48.2	59.1	
Min	40.1	47.5	12/ 4 stem NW
Hum	62	40	11/
Wind	E 9	E 11	4 stem N
Temp	51.0	57.0	12/ Few A air N 3 stem N
Barom	28.582	28.592	11/ Few air N Few A air N
Barog	28.55	28.51	4 stem N
			8/ Few air wnw " A air N " A stem N 3 stem NNE

June 27, 1928

N	48.5
S	54.4
Sh	47.5
H	62
N	57.2
S	66.2
Sh	56.0
H	41%
N	48.2
S	59.4
Sh	50.9
H	40

	8a	8p	10 st W 4 A cu W Few A st W NW 4 st cu NW
Day	50.1	47.9	
Temp	42.2	43.6	10 2 A cu WNW 7 A st WNW
Max	50.9	59.8	
Min	40.6	47.9	10 10 st WNW
Hum	45	73	10 10 st NW 5 A st NW
Wind	E 12	NW 5	
Temp	52.0	56.0	10 5 st cu N 5 st N
Temp	28.604	28.652	10 10 A st NNW
Temp	28.56	28.55	10 10 A st NNW
		TT	10 A st NNW

June 28, 1928

L Rain R - 1:54p  
E 2:51p

The rain came with a low  
st. cloud from the NW

N 46.2  
S 56.5  
SH 50.1  
H 45

N 47.1  
S 59.5  
SH 52.0  
H 45

N 44.5  
S 54.2  
SH 47.9  
H 73

June 29, 1928

Wind Clock!!

	8a	8p	8/ Few li st W Faw li o
Day	50.2	52.0	
Night	44.5	43.2	10/ Few li st W " st cur W
Max	51.9	62.4	
Min	44.1	50.2	12/ Few li st W Faw li cur W 4 steu N
Hum	53	38	2/ 5 steu NW
Wind	E 9	E 12	4/ Few li st W 1 A cu NW 4 st cur NNW
Temp	52.0	56.5	8/ 3 cu st W 1 A cu WNW 3 st cur NW
Bar	28.622	28.578	
Bar	28.55	28.49	8/ 2 cu st W 2 A cu W 5 st cur WNW

N	50.4
S	57.1
Sh	50.2
H	53

N	52.4
S	70.6
Sh	59.9
H	33

N	48.3
S	56.4
Sh	52.0
H	38

	8a	8p	8
			10 st S
Rain	44.1	39.5	10 L + fog S
Rot	44.1	39.5	10 st SW
Max	52.0	44.1	10 L + fog SW
Min	40.7	38.9	10 st SW
			5 L + fog SW
Hum	100	99	10 st SW
			5 L + fog SW
Wind	S 9	W 14	10 st W
Temp	49.0	64.5	
Barom	28.582	28.728	10 st W
Barom	28.56	28.61	10 st W

June 30, 1978

2.6 min 110218 in  
 The rain started at 5:45 a.m.  
 and stopped at 6:20 a.m.  
 It came out of the S.

N	41.9
S	46.7
SE	44.1
+	100
N	44.1
S	46.5
SE	43.1
+	99%
N	39.9
S	43.1
SE	39.5
+	99

	8a	8p	8/
			3 A st W 7 st cu W
Dry	42.4	44.9	19/
Wet	40.1	44.9	4 A st W 6 st cu W
Max	44.5	52.9	
Min	34.7	41.5	12/
Hum.	93	99	Few A cu W 3 A st W 6 st cu W
Wind	NW 3	N 9	2/
			2 A cu W 8 st cu W
Temp	47.0	56.0	4/
Barom	28.724	28.700	1 A st NW 9 st NW
Barog	28.70	28.61	4/
			4 st cu NW 6 st NW
1	1.65 mm precip	1.81 mm rain	8/
	.065		3 A cu W 5 st cu NW 2 st NW

July 1, 1928

1.65 mm

8/ 0.05 up + 0.32

Since 2:14 P.M. there has  
been occasional light showers  
Generally very cloudy all day  
with showers.



July 2, 1928 JUL - 1928

JUL 2 1928

Slight rain at 2:45 p.m.

	8a	8p	2/2 ac N 3A st N 4 st on NNE
Day	43.9	47.6	1 st NNE
Nat	43.6	43.1	1/4 ac NNE 5 st on NNE
Max	44.9	54.1	
Min	38.9	39.9	1/2 5 ac NNE 7 st on NNE
Hum	98	69	
Wind	E 6	NW 12	2/4 ac SW 3 st on W 2A st W
Temp	47.0	59.0	4/9 st on NW 1 st NW
Barom	28.614	28.488	6/10 st on NW
Barom	28.58 P.M. 11:10 A.M.	28.39 11	8/1 ac N 2 4 st N 7 st on N

	8a	8p	
Temp	47.9	42.5	8/ FWC 1st W 5 st cu NNE
Wind	44.6	42.5	10/ 4 cu NNW 2 st cu NNW
Hum	47.9	56.8	
Wind	38.2	42.5	12/ 8 st cu NNW
Hum	84	100	2/ 24 cu NW 6 st cu NW
Wind	E 9	N 11	
Temp	49.0	50.5	4/ 8 st cu NW 2 st NW
Barom	28.428	28.462	6/ 14 cu NW 7 st cu NW 1 st NW
Barom	28.40	28.40	8/ 4 st cu NW 6 st NW
Rain	1.12 mm .044"	T.004"	

July 3, 1928

12 noon. Streamers of rain  
over in front to the E NE

3:30 - a slight sprinkling of rain  
rain 8a-8p = 0.004 in

R<sup>15</sup> - D.N. - D.N.

July 4, 1928

8a precipitation on Nakayama  
12 noon Slight rain.

	Bar	Sp	
July	44.5	48.1	8/ 3 cu W 2 st cu W 2 st W
Wed	44.4	43.8	10/ 8 st cu W
May	48.2	58.2	12/ 6 st cu NW 1 st NW
Thurs	98	70	2/ 5 st cu N 3 st N
Wind	SE 2	E 7	9/ 2 A cu NNW 5 st cu NNW 1 st NNW
Temp	48.0	52.0	4/ 1 A cu NW 7 st cu NW
Barom	28.522	28.518	
Barom	28.47	28.47	8/ 1 A cu NW 8 st cu NW
	T DN	T	

	8a	8p	<sup>8</sup> Few cu N
			" 5 cu N
Day	49.0	50.2	
Ned	45.8	44.0	<sup>10</sup> 3 cu NW 1 st cu NW
Mon	49.0	59.9	<sup>11</sup>
Tue	36.8	49.0	5 cu <del>N</del> NW 1 st cu N
Thur	81	43	<sup>11</sup> 1 cu NNW 6 st cu NNW
Wind	NE 5	E 12	<sup>11</sup>
Temp	51.5	58.0	7 st cu NNW
Bar	28.514	28.444	<sup>11</sup> Few A cu NNW Few cu NNW 3 st cu N
Bar	28.46	28.35	<sup>8</sup>
	T	T	Few A cu NE 3 st cu NE

July 5

Sta 20/200 is forming at the edge of the ice

2:35 p. - Few drops of rain  
wind

5:35 - 479 The A cu to the  
6:00 - 484 ESE are taking  
7:00 489 a foehn's haze at  
8:00  
9:00  
10:00 80:15 pm.

Washed pens on  
thermo-hygrograph  
at 10:09 pm

July 6, 1928

	8a	8p	
			8) Few St cu 0
Day	47.5	50.4	8) Few cu NE 2 St cu NE
Night	41.0	41.9	14) Few cu NE Few St cu NE
Max	51.2	55.8	
Min	40.8	47.5	2) Few cu NE Few St cu 0
Hum	57	36	
Wind	E 6	N 14	4) Few cu NE " St cu 0
Temp	50.5	54.0	
Barom	28.368	28.88	6) Few St cu 0
Barog	28.28	28.10	
	0		8) Few St cu 0

Wind  
2.9-5.58 N

8a The only clouds are a few  
St cu on the N horizon. The  
remainder of the sky is clear.

2p The cu clouds seem to form  
overhead pass toward the W S W  
and disappear. The St. Cu are immobile  
as far as I can see on the W horizon.

6p. The only clouds are a few St cu on the  
W horizon. The barometer is very  
low - 28.068 (corrected for temp.)  
The wind has been from the N all afternoon  
with an average velocity of about 15 m.p.h.

8p The St cu is still on the W horizon.  
I find it impossible to determine  
the direction accurately - even  
with the theodolite.

Saturday July 7

8a	8p	8/ Few ci st 0
Dry	45.7 48.9	<sup>10</sup> Few ci st 0
Wet	42.2 42.1	<sup>12</sup> Few ci st 0
Max	50.4 59.8	Few ci st 0
Min	39.5 45.7	<sup>2</sup> Few ci st 0
Hum	58 48	<sup>4</sup> Few ci st 0 2 cu 5 W 1 st cu SW
Wind	NE 9 W 18	
Temp	49.5 57.0	<sup>6</sup> 2 cu W 1 A cu W 1 st cu W
Barom	28.102 28.150	
Barog	28.06 28.05	<sup>8</sup> 2 cu W 2 A cu W 1 st cu 0

The few ci st are over the ice.  
 The lowest pressure reached about 6:15pm.  
 The barograph reads 28.00 at that time.  
 Clouds are appearing in the W

Sunday July 8

	8a	8p	8/ 8 A cu W 1 st W Few stem W
Dry	45.2	38.6	
Wet	40.9	38.6	10/ 4 A cu W 4 A st W 1 st cu W Few st O
Max	51.2	55.2	12/ 9 A st SW 1 st SW
Min	34.3	38.6	2/ 10 A st SW
Hum	82	100	10 st SW
Wind	SW 5	NW 5	10 st SW
Temp	46.5	55.5	6/ 10 st SW 5 Lt rain SW
Barom	28.192	28.208	2/ 10 NO NW
Rang	28.20	28.13	
		.1 mm .03 in	

The A cu in the W have a foehn shape.  
 10a The foehn shaped A cu are now seen on the E & W horizon. The A st to the SSW are also foehn shaped. The sky to the N is dark with a low st. The temperature is slowly rising and the humidity falling. The wind is now in the S having shifted from the W and SW.

12 Precip. streams over the ice to the NE  
 Light rain from W  
 Began - 3:39 - lasted few minutes only.  
 8p Raining intermittently since 4:15 P.M.  
 3:42 cont on.

	8a	8p	8/	10 st S
Day	37.1	36.2		10L4R S
Night	37.1	36.2	10/	10 st SW
Max	38.6	42.9	12/	
Min.	32.8	32.9	2/	10 st SW 5L+fog
Hum	99	99		10 st W 5L+fog W
Wind	52	W14	4/	10 st W
Temp.	41.5	55.0	6/	10 st W 5L+R W
Barom	28.130	28.192		
Barog	28.13	28.13	8/	10 NB W

Monday July 9

CHANGE SHEETS

Rain = 4.4 mm    8a = .17323" to 8:40A  
 " = .4 mm    8p = .015748" - 5:15DN



	8a	8p	8/	10 dense fog SW
Dry	37.8	42.0		
Wet	37.8	42.0	10/	3 Acu SW 1 A st SW 2 st cu SW
Max	37.8	51.4		
Min	30.6	36.9	12/	1 cu W 6 Acu W 3 cu SW 3 st cu SW
Hum	99	99	14/	1 cu st W 5 st cu W SW 3 st W SW
Wind	SW 5	NW 9	16/	4 st cu W SW 4 st W
Temp.	47.5	55.5		
Barom	28.244	28.268	18/	1 cu W 4 st cu W 3 st W NW
Barog	28.22	28.16		
	2185	T	20/	1 Acu W 2 st cu W NW 6 st W NW
	DN	DD		

July 10

8/2 5.4 mm - .2125 in.

R - early A.M.  
S-DN - 0.2" on gnd - T-Prec.  
in A.M.

July 11

	8a	8p	3/9 st SE
slush	40.2	43.1	5 L't 509 SE
nut	40.2	42.8	10/7 st cu S
max	43.8	50.1	
min	35.9	40.2	12/8 st cu S 1 st S
Hum	99	96	
Wind	SE 3	NW 3	11/1 ci st W 3 st cu NE 5 st NNW
Temp	65.0	60.5	14/1 A cu NE 4 st cu NE 8 st NNW
Barom	28.308	28.348	
Barog	28.15	28.19	10/10 st cu NE
	.5 mm RN.	5.3 mm D. 3.0 noon	10/10 st NNW

1/2 \* 9 A.M. - turning to R about noon.  
melted quickly to slush

2.9  
 14353  
 24  
 1.3

8a 82<sup>8</sup>  
 10 st W

July 12

Cry 39.4 45.0  
 Wet 39.4 41.4  
 Max 45.1 51.9

<sup>19</sup> Few Ci O  
 7 st on N  
 1 st N

Min 37.5 38.4

<sup>12</sup> FWA on O  
 8 st on N

Hum 99 72<sup>71</sup>  
 9 st cir NW

Wind W 3 NE 12

Temp 69.0 63.0  
 9 st on N

Barom 28.408 28.438

Barog 28.33 28.32  
 9 st on NW

1.7 mm .4 mm  
 3-N 30 PM  
 8 st on NW

<sup>8</sup> Few li on W  
 8 st on NW

	8a	8P	Sta:
dry	51.3	56.2	8A cu SSE
wet	47.0	49.1	10 1/2 cu SSE 7A st SSE 2 st cu S
max	53.2	60.8	
min	45.4	50.1	9A st SSE 1 st cu S
Hum	70%	63	2
wind	NE 7	E 4	10 st cu SSW
Temp	55.5	60.0	2 1/2 A cu SW 9 st cu SSW
Ran	28.808	28.894	2 A cu SSW 7 st cu S
Ran	28.71	28.74	2 A
T	T		1 cu cu SSW 2 A cu SE 3 st cu SSE

June 3, 1928 holes

RD - 4:13 AM  
RE - 4:17 AM

2 P.M. - clouds now all a fracto Strato Cu. I put the the dolite on the lakes in view & find that the warm wind yesterday cleared <sup>the</sup> ice except one which is in a sheltered spot and NNE of the observatory. There were 3 or 4 drops of rain at 11:54 P.M. The wind is blowing in gusts. Yesterday the lakes referred to were half covered with ice.

Today the mosquitos have come out in swarms - evidently hungry

N	37.4
S	50.2
SA	51.3
H	70%
N	39.6
S	52.2
SA	57.6
H	49
N	40.6
S	52.7
SA	56.2
H	53

No. 1

Mt. EVANS, GREENLAND

Stenographer



From July 13 1928

To Aug. 31 1928

Riverside Line

No. 2708

Daily Notes

	8am	8pm		
			8/ 4 A cu 5 ST cu	W W
Dry	47.8	51.4	10/ 6 A cu 2 ST cu	0 S SSE
Wet	41.6	43.8		
Max	47.8	54.2	12/ 4 A cu 3 ST cu 2 A cu	SSE S SSE
Min	38.2	47.8		
Hum	64	50	7/ 6 A cu 3 A ST 1 ST cu	WSW WSW WSW
Wind E	4	59	4/ 4 A cu 3 A ST 2 ST cu	WSW WSW WSW
Temp	59.0	60.0		
Barom	28.408	28.374	4/ 3 A cu 5 A ST 2 ST cu	WSW WSW WSW
Barog	28.30	28.25	8/ 4 A cu 3 ST cu	SSW W
Prec	0	0		

July 3

Wind clock!!

July 14

	8a	8p	☁ Clouds
Dry	46.7	51.3	9 A cu W Fw cu 0
Wet	42.7	44.3	10 4 A cu SE 2 St cu S
Max	51.4	60.2	12
Min	41.2	46.7	6 St cu E
HUM	77	44	2 4 St cu NE
Wind	NE 4	NE 12	4 4 St cu NE
Temp	55.0	58.0	
Barom	28.328	28.724	6 3 A cu WNW 2 St cu NE
Barog	28.27	28.34	8
Precip	0	0	1 ci st 0 2 St cu 0 2

appears to be forming overland just west of ice cap,  
None over fjord.

	8a	8p	9/10 A ST SSE
DRY	46.0	44.7	
Wet	40.4	44.7	10 st SSE
MAX	51.3	49.6	
MIN	39.9	41.9	10 st E
HUM	59	99	
WIND	E 14	NE 4	10 NB E
Temp	40.0	56.9	10 st E
BAROM	28.364	28.120	10 st E
BARog	28.32	28.10	
PREC	0	16.1 mm .634"	10 st E

July 15, 1928

R-1:20-2:35



	8a	8p	9/		
DRY	44.2	49.0	9 st	SW	
Wet	44.2	45.1	10 cist	NE	
			2 st cu	SE	
MAX	44.7	58.7	12.5 cist	N	
			Few cu	N	
MIN	40.2	44.2	4 st cu	SSE	
HUM	99	67	3 cist	NW	
			4 st cu	SE	
WIND	SW 6	E 5	6 cist	NW	
			4 st cu	SE	
TEMP	47.0	64.0	4 st cu	SE	
			4 st cu	SE	
BAROM	28.508	28.580	6 cist	W	
			3 st cu	S	
BAROG	28.47	28.45	2 alcu	W	
			7 ast	NW	
PREC	3.2mm	0	1 st cu	0	

July 16  
CHANGE SHEETS

7 o'clock shaped A cu started forming on the S horizon about 4:30 p.m.

03937  
 33.2  
 1187874  
 125984

July 18

	8a	8p	<sup>8</sup> 20	st WSW
dry	49.5	53.6		
wet	48.9	53.6	<sup>10</sup> 10	st SW
MAX	54.9	65.1	<sup>13</sup> 10	st SW
MIN	46.4	49.5	10	st SW
Hum	94	99	<sup>11</sup> 1	A cu SW
			4	A st SW
wind	E 10	SE 12		
			1	A cu W
Temp	57.0	61.5	4	st cu SW
BAROM	28.412	28.448	<sup>6</sup> 1	Few Ci A cu SW
			6	st cu SW
BAROG	28.30	28.34	<sup>2</sup> 2	st cu SSW
Prec	T	T	8	st S

rain began 10:05A  
 " stop 10:40A  
 5:50P DN  
 5:55P

July 19

	8a	8r	8 <sup>s</sup>	10 <sup>st</sup>	SE
Pr	52.2	55.0			
Wet	49.9	50.1	10	1 ac	5 S
				9 st	5
Max	56.1	63.0			
Min	48.0	48.0	12	1 ac	0 S
				6 ac	5
Hum	87	68			
Wind	SE 8	E 12	2	2 ac	0
				7 st	SW
Temp	56	58.5			
BAR	28.430	28.420	4	1 ac	SSW
				8 ac	SW
BAR	28.36	28.32	6	9 st	SSW
Prec	1.7mm	T		few ac	0
	1.07mm		8	st	SSW
			1	st	SSW

① intervals during PM  
duration about 3 min.

July 21

	8a	8p	8 Fur	ci	0
			1	ast	0
			9	acu	5
Dry	56.2	59.0	10 Fur	ci	0
Wet	57.0	53.0	9	acu	SSW
Max	59.0	67.0	12 Fur	cist	0
			9	acu	SSE
Min	51	56.0	2	1	ci
					0
Hum	68	65	8	acu	SSW
Wind	E 10	SW 2	4	1	ci
					0
			8	acu	SSW
Temp	59	65	Fur	st cu	0
			1	cist	0
Bim	28.568	28.600	9	acu	SW
B'g	28.49	28.47	8	1	cist
					0
Pres	0	0	8	acu	SW
			Fur	st cu	0

July 22

	8a	8p	8 Few	ci	0
			7	acu	W
			Few	cu	0
Dry	50.1	56.0	10 few	ci st	0
			8	acu	SW
Wet	47.0	49.0	Few	st cu	0
			12 2	ci cu	0
			7	acu	SW
May	59.0	67.1	1	st cu	S
			2 2	ci st	0
Min	48.2	48.2	3	acu	S
			3	st cu	S
			4 few	ci st	0
Hum	82	62	8	acu	S
			1	st cu	S
Wind	E 6	E 4	6	ci st	0
			7	acu	S
Temp	55.0	63	1	st cu	S
			8	ci st	0
B'm	28.500	28.392	6	acu	S
			2	st cu	S
B'G	28.44	28.28			
Pres	0	0			

Barometer fell rapidly in P.M.; however there was no change in wind or temp. Sun was brilliant most of the day.

Convictional clouds developed about 10 A and <sup>top</sup> rose well above a cu, <sup>by 2 P.M.</sup> continued thruout P.M.

a cu eastern edge approx along ice ci st over ice all day.

8A	8P	8	10	st cu	5
Dry	56.1	46.5	10	10	st cu SSW
Wet	50.0 30.9	43.0	12	10	st cu SSW
Max	57.0	57.0	2	6	st cu WSW Fair to st cu "
Min	47.0	44.8	4	7	st cu WSW Fair to st cu "
Hum	88	72	6	3	ci st W st cu NW
Wind	E6	NW12	8	4	ci st NW
Temp	58.0	59.0	5	5	st cu NW
Bm	28.336	28.670			
B'g	28.25	28.54			
Prec.	T	T			
	DN				

July 23

Rainbow in NW

Rain began DN. Stopt about 9:30A

Wind increased in velocity & changed from eastern quadrant about 11A - gusts during P. 30 m.p.h. Wind at 8P - 12 m.p.h.

st cu forming along definite level over ice cap - probably due to west wind being pushed up at wall of cold air over ice & elevation. ~~Wind~~

8A	8P	8P	✓	A	Ci St W
Dry	50.1	50.7		few	a cu 0
				few	st cu 0
Wet	45.6	44.9	10	3	ci st W
					Few A cu W
				1	st cu 0
Max	54	59.6	✓	4	ci cu W
					A cu W
Min	39.3	50.1		2	A st W
				2	st cu 0
Hum	78	59		10	A st W
Wind	E 8	E 9	✓	10	A st W
Temp	55	63.5	✓		
B <sub>m</sub>	28.656	28.666		10	A st WSW
B <sub>g</sub>	28.59	28.55	✓	2	Ci st W
				4	A cu WSW
					Few st cu W
Prec.	0	0			Few A st W

391

July 24

July 25  
663

	8 <sub>a</sub>	8 <sub>p</sub>	8 <sup>h</sup> 4 li cu W
Dry	53.1	53.6	
Wet	44.3	49.8	<sup>1</sup> / <sub>5</sub> ci st WSW 2 ci cu WSW
MAX	53.1	67.9	
MIN	42.1	53.1	<sup>1</sup> / <sub>4</sub> ci st SW 3 a cu SW 1 st cu 0
HUM	48	91	<sup>1</sup> / <sub>3</sub> A cu W 4 A st SSW
Wind	E 10	E 16	2 st S
Temp	58.5	65.5	<sup>1</sup> / <sub>4</sub> 10 st Nb S
BAROM	28.558	28.642	<sup>1</sup> / <sub>4</sub> 10 st S
BAROG	28.47	28.50	<sup>1</sup> / <sub>8</sub> 14 st SW
Prec	0	T	9 of cu SW

R-3:05P-4:16



July 26, 1928.

840

	8a	8p	<sup>8/</sup>	8AcusW
Dry	57.0	56.5	<sup>10/</sup>	2 ci W 2 AcusWSW 6 haze
Wet	53.1	48.0	<sup>12/</sup>	5 ci st W haze 0
MAX	57.0	67.8	<sup>2/</sup>	10 ci st W haze 0
MIN	45.4	56.5	<sup>4/</sup>	7 ci st w haze 0
HUM	79	53	<sup>6/</sup>	6 ci st w
WIND	NE 10	E 8		4 ci W
TEMP	64.5	58.0		
BAROM	28.808	28.8378		
BARO	28.69	28.75		
Prec	0	0	<sup>19/</sup>	

	8A	8P	8	1	ci	0	
Dry	56.7	60.5	10	1	ci	0	
Wet	50.5	51.5	12	few	ci	0	
Max	56.7	67.8	few	alu	0	0	
Min	48.1	52.2	2	few	ci	st	0
Hum	65	51	4	few	ci	st	0
Wind	NE 4	SW 4	few	st	cu	0	
Temp	63	70	6	few	ci	st	0
B'm	28.924	29.906	1	st	cu	sw	
B'g	28.79	28.76	8	few	ci	0	
Prec	0	0	few	st	cu	0	

July 27

Day set for Hassell's arrival

Perfect weather - visibility good; clouds nil; highest barometer for the month.

July 28

8A	8A	8P	8	9	alcu	S
Dry	50.0	55.4	10			
Wet	45.1	48.6	10	alcu	SSW	
Max	60.5	64.9	12			
Min	46.5	50.0	10	alcu	SSW	
				few	stcu	0
Hum	78	63	25	A cu	SSW	
				Few	cu	SSW
				Few	stcu	SSW
Wind	E 2	E 2	4			
				7	A cu	SSW
				Few	stcu	☉
Temp	56	66.0	6	2	cu	WSW
				2	stcu	0
Bar	28.922	28.948	8			
				Few	A st	W
Bg	28.85	28.81		Few	st	cu 0
Prec	0					

	8a	8p	<sup>8</sup>	4 cu	W
Dry	50.2	54.8	<sup>10</sup>		
Wet	45.8	46.3	4	ci st	W
				few	st cu
Max	58.0	63.5	<sup>12</sup>		
Min	43.1	50.2	10	ci st	W
				few	st cu
Hum	67	47	<sup>2</sup> 9	ci st	E
				Few	st cu
Wind	E 5	NE	<sup>4</sup> 8	ci st	E
				few	st cu
Temp	57.0	67.0			
Barom	28.870	28.768	<sup>4</sup> 6	ci st	W
				2	st W
Barog	28.79	28.60	<sup>8</sup>	8	cu WSW
				1	st WSW
Pres	0	0			

July 30

ci st. produced halo from 11:30 A until 2:30 P - brightest in morning when ci st. was less dense.

ci st probably reduced convection as noted by absence of cu variety. Sunset about 10:30 - sun cast a vertical shaft of light - purple cast on Botany lake.

	8a	8p	<sup>8</sup> / <sub>7</sub>	1 a cu WSW
Pty	51.0	55.0		
Wet	45.1	47.0	<sup>10</sup> / <sub>6</sub>	1 A cu WSW
Max	55.0	65.0	<sup>12</sup> / <sub>3</sub>	1 A cu WSW
Min	45.5	51.0		
H <sub>2</sub> O	58	42	<sup>2</sup> / <sub>2</sub>	few cist 0
WIND	E 4	E 7		2 a cu WSW
Temp	59.0	62.0	<sup>4</sup> / <sub>1</sub>	few cist 0 1 A cu WSW
BAROM	28.628	28.37	<sup>6</sup> / <sub>1</sub>	few cist 0 1 a cu WSW
BAROG	28.54	28.516		
Prec	0	0	<sup>8</sup> / <sub>2</sub>	1 a cu WSW

July 31

A cu dominated in the sky most of the day, moving in from the WSW

August 1, 1928

			8/1	ci	0
			4	ci Cu	E
			1	a Cu	0
Dry	50.0	54.2	10/1	ci	0
Wet	45.1	48.5	2	ci cu	W
			4	a cu	W
MAX	55.2	66.8	12/2	a cu	W
MIN	43.5	50.0	2	few ci	0
Hum	60	64	4	ci st	W
			5	a cu	SW
Wind	NE 6	SW 7	4/1	ci Cu	W
			2	ci st	W
			4	a cu	SW
Temp	56	65	4	ci Cu	0
			4	ci Cu	0
BARom	28.440	28.515	6/1	ci st	W
			2	a cu	SW
			3	ci Cu	0
			3	ci Cu	0
BARm	28.34	28.57	8/2	ci st	0
			4	a Cu	SW
Prec	0	0	4	st Cu	SW

Cirrus in AM moved over from east, but by 10A had reversed and went only to ice edge, from westerly direction. A Cu from SW most of the day formed the major sky covering. A few st Cu formed west of us approx. 50-75 mi. & moved off slowly SW wind.

Wind westerly most of the day Barom. fell slowly to 28.30 at 1 PM

& then began to rise.

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

August 2

	8a	8p	8/10 few	ci cu a cu st cu	0 NE NE 0
Pr	49.1	54.6	10/3 4	ci cu ci st st cu	ENE ENE 0
Wet	45.0	45.6	12/7 few	ci cu ci st st cu	ENE ENE 0
Max	55	63.8	2/3 4	ci st st cu	ENE 0
Min	41.8	49.1	4/3 4	ci st st cu	ENE NE
Hum	68	61	4/4	ci st ci cu st cu	ENE ENE 0
Wind	E 7	SW 10	6/1 3 1	few ci ci cu st	ENE ENE SW SW
Temp	54	66.0	2/1 7	few ci a cu st cu	0 W W
Barom	28.590	28.686			
Barog	28.50	28.52			
Prec	0	0			

St cu as well as other cloud formations indicate rain?

Am

Pm

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

Aug 3

	8a	8p	10	ST	WSW
Dry	42.0	47.8	19		
Wet	41.1	43.2	10	ST	WSW
MAX	54.6	56.6	12	2 A cu	WSW
MIN	40.0	42.0		7 ST	WSW
HUM	99	88	2	3 ST	WSW
				2 A cu	WSW
				2 ST cu	NW
WIND	NW 4 1/2	W 10	4		
Temp	50	60.0		Few ST	W
				1 A cu	W
				4 ST cu	WNW
BAROM	28.720	28.7025		Few A cu	W
				6 ST cu	W
				1 ST	WNW
PREC	T	T	8	1 A cu	W
				7 ST cu	WSW
				2 ST	W

Trace of rain - fairly high  
 barometer - still high <sup>with</sup> cloud  
 → 7:22A - 8:15A

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



August 3

	8a	8p	8	9	st	E
				few	st cu	0
DEY	43.0	49.9	10	7	st	E
				2	st cu	E
NET	41.9	43.1				
			12	2	ci st	W
MAX	49.9	59.1		2	A cu	W
				3	st cu	E
MIN	39.5	43.0	3	3	ci cu	N
				3	st cu	N
HUM	98.0	46		1	cu	N
WIND	NE 9	N 11	4	5	ci	SP WNW
				2	st cu	0
TEMP	49	56.5	6	2	ci	W
				3	A cu	W
BAROM	28.634	28.578			few	st cu 0
BAROG	28.57	28.50	8	2	ci	W
PREC	2.45 mm	0			few	st cu 0

cloud covering changed from st in AM to ci in evening.

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

	8a	8p	8/1 Fw Au 0		
Dry	48.8	53.2	<sup>10</sup> /1	ci st	0
Wet	42.6	46.1	few	cu	SSW
MAX	49.9	60.4	<sup>12</sup> /1	ci st	0
MIN	37.9	48.8	few	cu	SSW
Hum	50	54	<sup>2</sup> /1	ci st	0
Wind	E 2.5	W 12	few	cu	SSW
Temp	52.0	61.0	<sup>4</sup> /1	ci st	0
BARom	28.524	28.90	Few	cu	SSW
BARog	28.49	28.41	<sup>8</sup> /F	ew	st
Prec	0	0			

Aug 6

8:02 meteor fire lifted.

Typical summer day

AM  
PM

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

August 8

	8a	8p	8	1	cist 0
			8	8	Acu W
Dry	52.2	31.9			
wet	46.7	47.6	10	10	cist 0
MAX	52.2	65.2	fur	9	acu 0
Min	41.3	51.9	12	5	cist 0
				5	acu WSW
Hum	61	68	2	2	ci 0
Wind	SE 4	NW 5	7	9	acu WSW
Temp	36.5	63.0	4	4	fur ci 0
Barom	28.524	28.596	9	9	acu WSW
			fur	9	ci 0
Baro	28.48	28.50	9	9	acu WSW
Prec	0	0	3	6	Acu WSW
			6	6	Acu WSW

Warm morning seem to be outstanding shadows.

A cu covered sky cloud covering, with wind off ice causes the air to be cool

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





8a 8p 8<sup>9</sup> Fl<sup>9</sup> St cu sw  
ST SW

Aug 12

dry	50.4	48.2		
wet	45.3	48.2	10	ST SW
MAX	57.8	59.5	10	ST WSW
MIN	48.2	48.2		
HUM	58	99	10	ST WNW
WIND	NE 12	E 14		
Temp	57.0	62.0	10	ST WNW
BAROM	28.602	28.668	10	ST WNW
BAROG	28.53	28.56		
PREC	T 6.7mm		9	ST NW

Wind  $\leftarrow$  to mph at  
 Rain began about 6 AM  
 Rain fell intermittently during day  
 Wind east at surface.  
 No balloon run today  
 Hard clouds in S - Sun shining  
 on top of stratus bank.



Beautiful sunset - orange predominant

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

6A approx  
7:08 P

8a 8p 8/ 10 ST E

Aug. 13

Rain stop DN

Dry	49.0	49.0			
Wet	49.0	46.1	10/5	ast St Cu	0 S
Max	50.0	57.2	12/6	ast St Cu	(low ice) NW
Min	44.1	47.8			
Hum	99	80	2/3	Few Acu Cu	W W
Wind	E 3	NE 8			
Temp	54	63	4/5	Few Acu Cu	W W
Barom	28.672	28.670	4/5	St Cu	SW
Barog	28.60	28.56			
Prec	9.1 mm	T	8/6	St Cu F St Cu	SW SW
DN	1:20P	1:30P			
	1	2	3	4	5
AM	E	E	E	E	E
PM	S	E	E	E	E

Fjord obscured by fog - first time I have seen this - By 8:10 visibility on mt Evans was approx 50 m. at 8:25 " was 300 m. at 8:35 visibility was good, altho St clouds were low. Rain of 12th came on a slightly rising baromet, i.e. 28.50 to 28.53 at 10 AM a WSW wind, having a rel. of 2 m. ph, brot S clouds up the fjord. Evidently, wind from off the ice came in contact with this WSW wind, because there clouds turned NW somewhere near Camp Lloyd. Near Botany Lake rain streamers played intermittently, while mt. Evans had continuous sunshine. Fog blanket over water due to chilling of warm, <sup>moisture</sup> laden air by cold water. at 11:15 the fog had disappeared from above the water in the fjord. air probably was descending from mt. Evans toward the east because of cloud streamers downward. Hard St Cu clouds over Botany lake - rainbow near Bot. Lake most of A.M. Overhanging clouds from Botany lake gave a slight prec. from 1:20 to 1:30P. Large billows of St Cu piled up on horizon to N. in PM + remained into nites

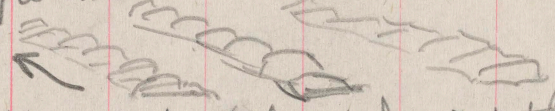
Aug. 14

	8A	8P	8	10	st <sub>nt</sub>	SW
Dry	47.5	52.5	10	10	st	SW
Wet	47.5	47.5	12	9	st cu	SW
Max	49.0	59.0	12	4	ci	0
Min	42.2	47.5	9	4	st cu	SW
Hum	100	71	2	3	ci	0
Wind	E 20	SE 13	4	5	st cu	S
Temp	54	63	5	4	st cu	S
B'm	28.536	28.184	5	4	ci	0
B'g	28.26	28.07	4	6	AST	S
Prec.	.05mm	1.8mm	4	3	st cu	S (Fst)
	4AM approx	10:50A	8	3	st cu	S (Fst)
AM	E	E	E	E	E	E
PM	SE	SE	SE	SE	SE	SE

Rain began about 4AM, but was very light. The outstanding event of the day was the fall in pressure, from 28.53 at 12P to at By 5:30P the wind had increased to 31 m.p.h. Balloon was lost in st cu at end of second minute. It was carried along by a S wind which had a velocity of 70 m.p.h. Wind stopt abruptly about 6:30 to approx 12 m.p.h. Rain stopt at 10:50AM.

St. went thru usual course of breaking up - Ice cap remained clouded (AST) the entire day, while the horizon to the south cleared by eleven AM & remained so during P.M.

From 11:00A to 1:00P the st cu came from the south in long row formations. Air in waves must have done away with the clouds between the rows.



These probably formed with wind → & then they came to weepared where there was a wind from the south. Is this wind from a hurricane which passed over Florida Sunday? Mammato clouds 10:30-11:30 from S

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



	8A	8P	8		
			10	st	SW
			few	stCu	SW
Dry	45.1	46.1	10		
			5	stCu	SW
Wet	41.0	43.0	5	st	SW
			12		
			5	stCu	SW
Max	52.5	49.0	5	st	SW
			2		
Min	42.9	40.5	4	ASt	SW
			6	stCu	SW
Hum	73	74			
			4	few	stCu
Wind	S 15	SE 12	10	st	SW
			6	few	stCu
Temp	51	63	10	st	SW
			10	st	SW
B'm	28.15	28.320			
			8	few	stCu
B'g	28.10	28.20	10	st	SW
Wet	T.	T.			
		occasionally			
	1	2	3	4	5
AM	SE	SE	SE	SE	SE
	SE	SE	SE	SE	SE
PM	SE	SE	SE	SE	SE
	SE	SE	SE	SE	SE

Aug. 15

Trace rain about midnite of 14<sup>th</sup> to 12:10A approx.  
 Pressure on 14<sup>th</sup> reached 28.00 at 11:PM,

See cap has ASt covering but surface is clear  
 as far as horizon.  
 Sky clear over small area to south, along horizon  
 Trace of rain during day - not enough  
 at any one shower to wet the ground.  
 Pingo shows snow on N slope.  
 Clouds cover the peak all day.  
 Smashed psychrometer this morning

Aug. 16

8A 8P  
 8  
 5 ACu S  
 5 ST SE

← Pingo obscured

Dry 43.0 43.1  
 10  
 3 ACu SSE  
 2 ST Cu SSE

st cu still obscure Pingo - visibility good

Wet 42.7 42.0  
 12  
 3 ACu SSE  
 3 ST Cu SSE

Pingo visible after 11:30

Max 46.1 54.0  
 2  
 6 ACu S  
 3 ST Cu S

Rain streamers all around the horizon.

Min 39.0 41.2  
 4  
 2 ACu S  
 5 ST Cu S

Rainbow extremely colorful, especially the violet - 4:30 - 4:50 P  
 Right hand half of rainbow touched the ground.  
 End of P

Hum 99 98  
 6 few ACu S  
 8 ST Cu S

Trace of rain from nearby st. at 5:10 - 5:11 P  
 also D.N.

Wind SE 2 W 12  
 8 few ci 0  
 2 ACu S  
 4 ST Cu S

Temp 52 58  
 10

Bim 26.312 28.342  
 Pp 28.26 28.25  
 Prec .05 mm T

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

PM SE SE SE S S SW W W W SW SW S





8A 8P

8 8 A. cu W  
1 A ST W

Dry 56.0 55.1

10 6 A cu W  
3 A ST W

Wet 51.5 49.7

12 7 A cu W  
2 A ST W

Max 56.0 58.1

2 6 A cu W  
1 A ST W

Hum 66 46

4 5 A cu W  
2 A ST W

Wind E 18 NE 12

6 6 A ST W  
7 cu A cu W  
" ST W

Temp 53.0 63.0

8 7 cu A cu W  
4 A cu W SW  
1 A ST O

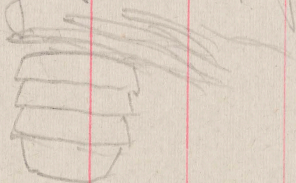
D'm 28.510 28.498

Bg 28.45 28.45

Prec

Aug 19

Perfect foehn clouds began to develop about 12 P, some 30 miles from the ice edge. During the afternoon their location <sup>continually</sup> changed for the centers moved toward the west. The pile of clouds seemed to resemble a stack of dishes. The layers, represented by the edges, were very distinct, + each succeeding layer seemed to be layed down from on top.



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

Aug-21<sup>st</sup>

	a.m	Pm	<sup>8a</sup>	F	w	ci	st	o
May	52.2	49.0						
Wet	47.9	49.0	10	6	ci	st	S	
				2	AS		S	
				few	Acu		S	
May	55.2	59.0	12	6	AS		S	
				4	Acu		S	
				few	st	cu	S	
Min	45.3	49.0	2	5	AS		S	
				5	Acu		S	
				few	st	cu	S	
Wind	E 4	S 4	4	10	st		S	
Temp	53.0	68.0	6	10	st	nb	S	
Bar	25.712	25.900	8	10	st	nb	S	
Drop	25.71	25.76						
Pres	0	1.2 mm						

ci St of 20<sup>th</sup> might have been an indication of the rain which began at 4:30 P.M. Inland ice not covered by clouds during rain.  
 Balloon went nearly straight up over mt. Evans - shows uniform convection note cloud changes.

	0	1	2	3	4	5	6	7	8	9	10	11	12
a.m	E	E	E	E	E	E	E	E	E	E	E	E	E
P.m	E	E	E	SE	SE	SE	S	S	SE	E	NE	E	

Aug. 22

8A 8P 8 4  
 ACu S  
 1 Ast S  
 few st cu S

Dry 50.1 51.4  
 10 1 ACu S  
 1 Ast S

Wet 47.5 46.3  
 12 few st cu 0  
 Fw cu 0

Max 50.1 60.2  
 2 few st cu 0

Min 43.0 50.1  
 " cu 0

Hum 71 51  
 4 few li st 0  
 " cu 0

Wind E 7 NE 9  
 6 few st cu 0

Temp 56 61.0  
 8 few li st 0  
 " cu 0  
 " st cu 0

B<sub>m</sub> 28.970 28.916

B<sub>g</sub> 28.90 28.81  
 10

Prec 1.1mm 0

R-ended DN

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

Aug. 23.

Trace rain 11:32-40A - rain also fell at intervals during the afternoon.

Barometer reached 29" at 4AM. - The highest since I have been here.

A morning balloon run was made to determine wind speeds aloft, but rain prevented any kite flights.

8A	8P	8	Few A cu W
		3	A cu W
		3	A st W
		1	st cu 0
50.9	45.6		
45.5	43.3	10	3 A cu S
51.4	59.4	5	Ast S
		1	st cu SE
41.2	45.6	12	few A cu S
		9	Ast S
		9	st (nb) S
		2	st cu 0
52	68		
E 12	S 10	1	st cu S
		9	st S
52.0	58.0	4	8 st cu S
		1	st S
28.780	28.910		
28.76	28.89	4	4 ci cu S
			2 A cu S
			7 cu st cu 0
0	T	4	3 ci cu 5 SW
		1	ci 5 SW
		1	A cu 5 SW
		7	cu Ast 0
		11	st cu 0

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





	50	80	8	Few ci st o	
			8	Acu sw	
				Few Ast o	
Wdy	46.5	52.0	10	5 Ast W	
Wet	45.7	47.5	5	Acu W	
Max	46.5	63.1	12	8 ci st o	
Min	41.3	47.2	1	Acu W	
Hum	76	56	2	5 ci st WSW	
			4	Acu W	
Wind	NE 10	E 9	4	5 ci st WSW	
Wind	49.5	65	4	Acu W	
Down	20.880	26.782	5	ci st WSW	
			2	Acu W	
			2	Ast W	
Down	28.86	24.65	7	ci st WSW	
			3	Acu W	
Pre	T	0			

Aug. 25

Pressure began to fall at 6 A.M.  
 Solar halo - 9:30 - 11:45 A.M.  
 Rain D.N.

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

	8A	8P	8	4	ACu	SS						
				4	AST	SS						
				2	St	E						
Dry	44.0	46.8	10	4	ACu	S						
				3	AST	S						
Wet	43.8	43.5		3	St	S						
			12	few	ci	0						
				3	ACu	S						
Max	47	54.1		3	St Cu	SE						
			12	few	ci St	0						
Min	39.9	42.2		few	ACu	S						
				2	St Cu	SE						
Hum	99	78	4	few	ci	0						
				few	ACu	S						
Wind	NE 9	NE 6		5	St Cu	W						
			6	few	ci	0						
				few	ACu	0						
Temp	50	63		5	St Cu	W						
			8	few	AST	W						
Dir	25.750	28.674		few	ACu	0						
				8	St Cu	W						
Bq	4.70	28.57										
Prec	2.3 mm	0										
	1	2	3	4	5	6	7	8	9	10	11	12
	W	W	W	W	NW	N	NE	NE	NE	NE	NE	NE
	NE	E	E	E	NE	NE	NE	NE	N	NW	NW	NW

Aug. 27

Rain stopt DN and left no trace of St Cu as is usually the case. St clouds were to West and appeared to be a fog bank immediately over the surface. Sun was very bright during the afternoon & Cu developed into St Cu "en masse" to the N. & S. after 3:30 P. the region about Pings was mainly obscured by clouds & darkness, evidently a storm in progress there. St Cu from this storm did not come overhead until 7:45

Do winds in fjord keep St Cu out of this region? Evidently this is the case because these clouds were forming on both N & S sides a few St Cu passed from S to N somewhere near edge of ice cap. changed anemometer dial to 1302 instead of 1301.

To see whether this one would collect moisture.









6

70

8

250

120

60

\$490

62

