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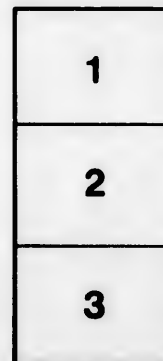
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P. 137 - 178.

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Received November 23, 1769.

XIV. *Observations on the State of the Air, Winds, Weather, &c. made at Prince of Wales's Fort, on the North-West Coast of Hudson's Bay, in the Years 1768 and 1769, by Joseph Dymond and William Wales.*

1768.	Ho.	Baro.	Therm.		Winds	Weather, &c.
			A	B		
			+	+		
Sept. 10, at	22	29 79	41½	41½	N. E.	Rainy, with a gentle breeze.
○ 11	0	89	42½	41½	Ditto	Ditto.
	4	92	42½	41½	N. W.	Cloudy and cold, the wind as above.
	18	30 04	40	41	Ditto	Ditto.
	20	06	41	44	Ditto	Ditto.
12	0	07	49½	48	North	Very hazy, and almost calm.
	4	05	50	45	N. E.	Cloudy, with a gentle breeze.
	9	29 99	46½	42	S. E.	Ditto.
	20	29 69	43½	44	Ditto	Very rainy, with strong wind.
13	0	62	46	46½	South	Ditto.
	4	52	45	44½	N. W.	Ditto.
	20	35	40	38	North	Ditto.
14	0	38	40½	45	N. W.	Cloudy, wind high.
	4	42	41	41	Ditto	Ditto.
	18	29 55	37½	38½	West	Ditto.
					T	

Vol. LX.

24 Sept.

(Handwritten notes)
1768 Jan
1769 Feb
1770 Mar
1771 Apr

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1768.	Ho.	Baro.	Therm.		Winds.	Weather.
			A	B		
Sept. 15, at	0	29 61	46	42½	N. W.	Thin clouds, the wind high.
	5	66	47½	45	West.	Thin clouds, and the wind high.
	20	29 74	36½	32	N. W.	Frosty, with fleet at intervals, the wind very high.
16	0	29 80	41	37½	N. W.	N. B. I could just perceive that some water on the head of a cask, which stood close to the observatory, had a thin skin of ice on it.
	20	29 80	34	34	North	Cloudy, with fleet at intervals.
	4	29 79	38½	35½	N. W.	Cloudy, the air frosty.
17	4	29 79	38½	35½	N. W.	Cloudy, and sharp air. W. W.
18	18	29 62	32	32	N. E.	Cloudy, with frosty air.
	1	29 61	43	38	Ditto	Cloudy.
	19	29 66	33	33	North.	Cloudy, with fleet and almost calm.
19	0	29 73	36	38	Ditto	Clouds and haze.
	3	29 77	41	39	Ditto	Clear.
	11	29 84	36	34	N. W.	Partly clear, the aurora borealis very bright.
20	18	29 96	34	34	S. W.	Clear, with a fresh breeze.
	22	30 03	40	36	Ditto	Ditto.
	3	30 07	49	45	West	Ditto.
21	19	30 06	38	38	West	Cloudy.
	0	30 09	45	49	S. W.	Clear, fine weather.
	2	30 09	49	56	S. W.	Ditto.
22	9	30 09	50	46	Ditto	Cloudy.
	18	29 98	45	43	South	Clear.
	0	29 93	57	60	S. W.	Ditto.
22	2	29 93	58	63	West	Ditto, with highwinds.
	4	29 89	62½	65	S. W.	Ditto.

24 Sept. 22

1768.	Ho.	Baro.	Therm.		Winds	Weather.
			A	B		
24 Sept. 22, at	19	29 84	49	47	Ditto	Moderate breeze, and hazy.
♀ 23	0	29 81	53	56	South.	Ditto, cloudy.
	2	29 77	57	58	Ditto	Cloudy, almost calm.
	19	29 65	50	50	Calm	The latter part of this night much thunder and lightning; about 18 ^h it began to rain very fast at times.
♂ 24	2	29 67	53	54	S. E.	Thick and cloudy; little wind.
	6	29 68	51	50	East.	Cloudy, with a fresh breeze.
J. D.						
	20	29 79	46½	46	Ditto	Cloudy, with a brisk gale.
☉ 25	0	29 81	47	45	Ditto	Foggy.
	4	29 81	46	42½	N. E.	Ditto.
	21	29 81	42	42	Ditto	Ditto, brisk breeze.
☽ 26	0	83	43	44½	Ditto	Cloudy.
	4	84	44	41	East	Cloudy, with squalls of wind.
	20	79	40	40½	S. E.	Ditto.
♂ 27	0	77	47	48	Ditto	Hazy, with a strong gale.
	4	70	48½	47	Ditto	Cloudy, the wind very high.
	12	68	42	41½	Ditto	Ditto.
	20	67	41	40	Ditto	Ditto.
♀ 28	0	68	44	46	Ditto	Ditto.
	4	75	44	46	Ditto	Cloudy, but less wind.
	20	96	43½	44	South	Hazy.
☿ 29	0	98	50		Ditto	Clear.
	4	98	56	55	Ditto	Ditto.
	20	97	40	38	Ditto	Cloudy, fresh breeze.
♀ 30	0	29 98	47	47	Ditto	Flying clouds, ditto breeze.
	4	29 98	53	50	S. E.	Clear.

1 2

2 Sept.

1768.	Ho.	Baro.	Therm.		Winds.	Weather, &c.
			A	B		
Sept. 30, at	20	29 82	36	35	S. E.	Clear, and a sharp hoar frost.
Oct. 1	0	29 79	46	45½	South	Clear sharp air.
	4	29 72	49½	50½	Ditto	Flying clouds.
						W. W.
2	19	29 34	40	39	Ditto	Clear.
	0	29 25	49	50½	Ditto	Hazy.
	21	29 39	37	38	N. W.	Cloudy, and moist air.
3	1	29 47	39	36	Ditto	Ditto.
	5	29 50	38	34	Ditto	Snow and rain.
	19	29 65	31	29	Ditto	Cloudy, and very cold to sensation.
4	0	29 70	31	30	Ditto	Ditto.
	5	29 61	30	30	Ditto	Ditto.
	19	29 56	28½	29	South	Clearing, a hard frost.
5	0	29 44	34	40	Ditto	Cloudy and warm.
	5	29 44	40	44	S. W.	Clear.
	14	29 42	38	33	N. W.	Clear; but the Aurora Borealis so bright in the zenith, that I could not see a Persei.
6	20	29 43	35	38	N. W.	Cloudy, wind high.
	2	29 54	35	35	Ditto	Ditto.
	5	29 57	35	34	West	Strong wind and fleet.
	19	29 62	29	29	N. W.	Strong wind, a hard frost, and cloudy.
7	0	29 62	30½	32	West	Cloudy and high wind.
	5	29 63	31	33	Ditto	Ditto.
	19	29 73	30	28	N. W.	Strong wind, small hail.
8	2	29 72	31	30	Ditto	Strong wind, cloudy.
	6	29 71	32	33	Ditto	Ditto, and clear.
						J. D.
	20	29 57	30	30	West.	Sharp frost and hazy, wind pretty high.
9	0	29 52	33	35	Ditto	Ditto, and cloudy.
	4	29 46	35	37		Ditto, and calm.
	20	29 48	34	34	N. W.	A stiff gale, and much snow falling.
10	0	29 50	35	35	North	Wind high, much fleet.

D Oct. 10

1764.	Ho.	Baro.	Therm.		Winds.	Weather, &c.
			A	B		
			+	+		
Oct. 10.	4	29 53	35	34	N.W.	Ditto and ditto, a very keen frost air.
	20	29 82	28	27	Ditto	Ditto. N. B. The liquid in which the plumb-line of the quadrant is immersed, consisting of water, and about one fourth part brandy, is this morning froze so hard, that I can scarcely make an impression on it with my finger.
11	0	29 88	27	25	N. W.	Cloudy, the wind high, and much frozen sleet.
	4	29 94	27	26	Ditto	Less wind.
	20	29 85	23½	23	East	Cloudy, and the air extremely sharp.
12	0	29 70	26	32	Ditto	Ditto, and a brisk gale.
	4	29 57	29½	31½	Ditto	Ditto.
	20	29 72	30½	33	N. E.	Cloudy, with some snow, and very little wind.
13	0	29 79	32	34	Ditto	Ditto.
	6	29 82	32	28	North	Clear, and very sharp.
	20	29 85	28	26	Ditto	Ditto.
14	0	29 90	37	34	East	Ditto.
	4	29 90	41	37	Ditto	Ditto.
	20	29 87	30	32	South	Very warm, thick and foggy.
15	0	29 89	33	36	West	Ditto.
	4	29 91	34	31	Ditto	Ditto.
						W. W.
	20	30 19	22	17	NNW.	Very sharp, with snow.
16	0	30 20	25	28½	N. W.	Clear.
	4	30 19	27	21	Ditto	Ditto.
	13	30 17	22	20	West	Coming on cloudy.

○ O&.

1768.	Ho.	Baro.	Therm.		Winds.	Weather, &c.
			A	B		
			+	+		
○ Oct. 16, at	20	30 18	20	19	West	Clear.
○ 17	0	30 22	29	23½	Ditto	Ditto.
	3	30 20	31	28	Ditto	Ditto.
	15	30 04	26	23	S. W.	Ditto.
	20	29 93	26	27	South	Cloud to the eastward.
3 18	2	29 84	31	33	S. W.	Cloudy.
	5	29 81	31	32	West	Ditto.
	20	29 77	32	32	N. W.	Ditto with fleet.
8 19	0	29 79	32½	34	Ditto	Ditto, moderate wind.
	4	29 83	33	31½	Ditto	Ditto.
	20	29 81	30	30	West	Cloudy, with some snow, and almost calm.
4 20	2	29 77	33	31		Cloudy and calm.
	20	29 55	32	34	S. W.	Cloudy, with a moist air.
8 21	0	29 55	33	36	Ditto	Ditto.
	5	29 55	34	36	West	Ditto.
	21	29 64	31	27	North	A brisk fall of snow.
5 22	0	29 65	30	27	Ditto	Fair, but cloudy.
						J. D.
	20	29 54	23	25	N. W.	Wind very high, air sharp, much snow.
○ 23	0	54	25	26	Ditto	Wind high, and dark weather.
	4	53	26	26	Ditto	Ditto, with fleet.
	20	58	23	18½	Ditto	Ditto.
9 24	0	65	21½	20	Ditto	Ditto.
	4	69	21	21	Ditto	Ditto.
	20	76	16½	13½	North	Ditto.
3 25	0	76	16	19	Ditto	Ditto.
	4	76	18	19½	Ditto	Ditto.
	20	78	15	9½	N. W.	Left wind.
8 26	0	71	17	9½	Ditto	Hazy.
	4	63	18	14½	Ditto	Very hazy.
	20	25	22	24	Calm	Quite thick and close, with some snow.
4 27	0	23	24	28	N. W.	Brisk gale, and cloudy.
	4	22	25	27	Calm	Cloudy with fleet.
						4 Oct.

1768.	Ho.	Baro.	Therm.		Winds.	Weather, &c.
			A	B		
			+	+		
24 Oct. 27, at	20	76	23 $\frac{1}{2}$	14	North	Cloudy, wind high,
28	0	81	20	15 $\frac{1}{2}$	N. W.	Hazy, wind very high.
	4	29 86	18	11	Ditto	Cloudy, wind ditto.
	20	30 01	10	10	Ditto	Dark and cloudy, wind as above. This morning a glass of brandy, exposed in the open air, was frozen to the sides of the glass.
29	0	30 05	12 $\frac{1}{2}$	17	Ditto	Dark and cloudy.
	4	30 06	12	11 $\frac{1}{2}$	Ditto	Clear.
— W. W. —						
	21	30 03	12	15	S. W.	Cloudy, little wind.
30	1	30 02	16	22	Calm	Cloudy.
	8	30 00	18	18	S. E.	Ditto.
	20	30 13	19	20	N. W.	Ditto.
31	0	30 16	20	22	Ditto	Ditto.
	5				N. E.	Ditto.
	20	30 21	13	14	S. E.	Clear.
Nov. 1.	0	30 17	19	19 $\frac{1}{2}$	S. E.	Very hazy.
	8	29 00	20	22	South	A brisk fall of snow.
	21	29 85	21	19	N. W.	Snowing.
2	0	29 85	20	19	Ditto	Ditto.
	8	29 67	16	10	S. W.	Cloudy.
	20	29 01	22	27	South	Snowing.
3	0	28 95	24	32	N. E.	Cloudy.
	8	28 99	24 $\frac{1}{2}$	24	N. W.	Clearing.
	20	29 17	24	18	Ditto	Cloudy, strong wind.
4	0	29 21	20 $\frac{1}{2}$	16	N. E.	Strong wind and drift- ing snow.
	8	29 21	15	10	N. W.	Ditto.
	20	29 16	13	12	Ditto	Ditto.
5	0	29 18	14	16	Ditto	Ditto.
	9	29 34	13	9 $\frac{1}{2}$	Ditto	Ditto.
— J. D. —						
	20	29 61	8 $\frac{1}{2}$	0	Ditto	Hazy, wind very high.
6	0	29 64	7 $\frac{1}{2}$	5	Ditto	Ditto, and much drift.
	4	29 65	7	2	Ditto	Ditto.

⊙ 6 Nov.

1768.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
○ Nov. 6, at	18	29 56	-3	-10½		Clear and calm. A half-pint tumbler of British brandy was this morning frozen solid in the observatory.
	21	54	-4	-7½	N. W.	Clear. The river frozen over, so that the people, this day, walked across it.
2	7	0	50	0	Ditto	Hazy and calm.
	4		49	+3	Ditto	Cloudy.
	20		19	+11	N. E.	Thick, and snows very fast.
3	8	0	29 33	+16	+30½	East Ditto.
	4		54	+19	+20	N. E. Ditto, the wind very high, and much drift.
	20	29 92	-4	-12	N. W.	Very clear, the wind moderate.
4	9	0	29 91	-1½	-3	N. W. Clear, and little wind.
	4	29 89	0	+3½	Ditto	Ditto.
	20	29 85	+3½	+4	Ditto	Dark thick weather.
21	10	0	29 84	+4½	+9½	Ditto Ditto.
	4	29 83	+4	+8	Ditto	Ditto, some snow.
	21	29 82	+2	+2	Ditto	Very dark and thick.
5	11	0	29 77	+4	+9	Ditto Ditto.
	4	29 75	+6	+8	North	Cloudy.
	20	29 48	+5	+6	S. E.	Cloudy, a brisk wind.
6	12	0	29 25	+7	+15½	Ditto Ditto, with sleet.
	4	29 19	+9½	+12½	Ditto	Cloudy.
	11	29 7	+15	+18	Ditto	Ditto.
						W. W.
	20	28 96	+20	+23	East	Snowing briskly.
	22	Ditto	+22	+30	Calm	Snowing; at this very

time, * the Wind sprung up at N. W. on which there was instantly a very sensible change in the heat of the air, so as to be much colder.

○ Nov.

* The remarks which I made on these phenomena are the following: It had been almost calm all this morning; but about 11 A.M. there arose, almost instant-

1763.	H.	Baro.	Thermo.		Winds.	Weather, &c.
			A	B		
Nov. 13,	1	28 94	+20	+20	N. W.	Snowing and blowing strong.
	8	29 15	+12	-- 5	North	Ditto.
	* 9 $\frac{1}{2}$					†
	19	29 40	- 3	-12	N. W.	Very hazy.
14	0	29 46	- 4	- 6	West	Very hazy southward.
	4			- 9	West	Hazy with moderate wind.
	8	29 53	- 4	- 6	WSW.	Cloudy with ditto.
	20	29 62	+ 4	- 4	West.	Clear and moderate wind.
15	0	29 63	+ 1	+ 3	Ditto	Very hazy and ditto.
	8	29 66	+ 4	+ 6	West	Cloudy.
	21	29 59	+ 1	- 5	South	Clear.
	0	56	+ 2	+ 6	S. W.	Very clear.
16	8	59	+ 9	+ 3	N. W.	Cloudy, with frost.
	11	62	+ 7 $\frac{1}{2}$	- 2	Ditto	Clear, the Aurora Borealis very bright.
	22	64	- 2	- 2	Ditto	Cloudy.
	0	65	- 1	+ 3	Ditto	Ditto.
17	8	73	- 1	- 9	Ditto	Clear.
	18	83	- 7	-12	Ditto	Ditto.
	22	84	- 9	-12	West	Ditto.
	0	87	- 6 $\frac{1}{2}$	- 7	Ditto	Thin clouds.
18	8	88	- 8	-14	Ditto	Coming on hazy.
	19	90	- 3	-15	N. W.	Clear.
	0	88	- 5	-11 $\frac{1}{2}$	Ditto	Foggy.
	9	85	- 9	- 6	Ditto	Clearing.

instantaneously, a perfect hurricane in the north-west quarter, which brought along with it a prodigious quantity of snow, and also a very remarkable change in the temperature of the air.

* About half past 9 p. m. being just going to sleep, I was disturbed by a noise which I at first mistook for the report of one of the guns (three pounders) which are on the top of the house; but which, I have since been informed by the officers of the factory, was caused by one of the beams of the house being rent by the expansive power of the frost. W. W.

† Heard a very uncommon sound, seeming to be within the factory; and near as I can liken it, it was the same as firing a small carriage gun; the factory people say it is very frequent in cold weather, and they imagine it to be the beams of the house, as the same is heard on board the ship.

N. B. On the 14th, at 4 h. I, for the first time, had a fire in the observatory. J. D.

Nov.

1768.	H.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
Nov. 27,	9	29 18	— 5	— 15	N. W.	Strong wind. A fire in the observatory.
	13	14	— 5	— 16	Ditto	Ditto, ditto.
	21	14	— 5	— 16	Ditto	Ditto, ditto.
28	0	29 18	— 1	— 12	N. W.	Moderate wind and cloudy.
	8	30	— 6	— 16	North	Moderate wind, and very hazy.
	16	44	— 10	— 18½	Ditto	Ditto.
	22	43	— 11	— 12	Var. fr.	Moderate wind and snowing.
					N. E. to N. W.	
29	0	42	— 10	— 11	N. W.	Ditto.
	8	43	— 4	— 6	Ditto	Little wind and very hazy.
	16	80	— 6	— 10	Ditto	Ditto and clear.
	20	90	— 9	— 13	Ditto	Ditto and hazy.
30	0	89	— 4	— 10	Ditto	Ditto, cloudy.
	8	87	— 5	— 9	Ditto	Ditto.
	21	73	+ 4	+ 4	West	Ditto.
Dec. 1	0	75	+ 6	+ 3	North	Ditto, clearing.
	8	69	+ 1	— 7	N. W.	Clear.
	12	65	— 1	— 8	Calm	Hazy.
	20	60	— 3	— 6	S. W.	Cloudy.
2	0	60	— 1	— 8	South.	Hazy.
	8	54	— 6	— 16	Ditto	Clear.
	12	50	— 6	— 12	N. E.	Cloudy.
	16	51	— 5	— 8	N. W.	Ditto.
	22	55	— 2	— 8	Ditto	Clear.
3	1	55	— 1	— 6	West	Ditto.
	8	50	— 2	— 10	Ditto	Ditto
J. D.						
	20	29 37	— 10	— 17	N. W.	Ditto,
	0	36	— 10½	— 13	Ditto	Ditto.
	4	39	— 8	— 12	Ditto	Wind rising and coming on thick.
	8	40	— 9	— 14	Ditto	Thick with sleet, and the wind high.
	12	45	— 10	— 17	Ditto	Ditto.

U 2

Dec.

1768.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.
			A.	B.		
O Dec. 4, at	16	29 49	— 7½	— 17	N. W.	Ditto.
	20	54	— 10	— 17	Ditto	Hazy, drifting weather.
D 5	0	29 61	— 7½	— 16½	N. W.	Foggy, and a brisk breeze.
	4	29 64	— 8	— 19	North	Ditto.
	8	67	— 8	— 22	Ditto	Very hazy, the wind high.
	20	78	— 17	— 23	Ditto	Ditto.
S 6	0	88	— 10	— 16	N. W.	Ditto.
	4	91	— 12	— 22	West	Clear and less wind.
	20	99	— 15	— 26	Ditto	Ditto.
Z 7	0	30 03	— 12	— 19½	Ditto	Ditto.
	4	05	— 10	— 21	Ditto	Ditto.
	10	11	— 10	— 20	Ditto	Hazy and little wind.
	16	16	— 11	— 18½		Thick and foggy.
	21	20	— 9	— 12½	S. E.	Ditto.
H 8	0	21	— 6	— 8	Ditto	Ditto.
	4	21	— 1	— 14	Ditto	Cloudy.
	20	11	— 2	— 13	South	Ditto.
Z 9	0	08	0	— 9	S. E.	Cloudy and little wind.
	4	03	— 2	— 13	Ditto	Ditto.
	21	29 72	— 10	— 20	South	Ditto and some fleet.
h 10	0	68	— 8	— 14	Ditto	Ditto.
	5	59	— 8	— 21	Ditto	Clear.
	16	51	— 20	— 32	West	Hazy, a brisk wind.
						W. W.
O 11	21	29 51	— 24	— 37½	West	Ditto.
	1	51	— 24	— 34½	Ditto	Clear.
	8	50	— 27	— 37½	Ditto	Hazy.
	16	39	— 31	— 42	Ditto	Ditto.
D 12	21	29 35	— 31	— 43	West	Thick hazy air.
	0	29 31	— 34	— 39	N. W.	Drifting a little.
	8	29 32	— 39	— 39	Ditto	Much drift.
	21	29 49	— 23	— 22	Ditto	Cloudy, with drift.
S 13	0	29 53	— 21	— 20	Ditto	Ditto.
	8	58	— 24	— 26	Ditto	Ditto.
	21	67	— 31	— 31	West	Clear and almost calm.
Z 14	3	67	— 28	— 28	S. W.	Ditto.

8 Dec.

[illegible]

1768.	Mo.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
h Dec. 24, at	22	29 95	-26	-24	East	Cloudy.
o 25	2	80	24	21	E. and variable	Blowing and drifting.
	9	48	18	12	N. E.	Blowing strong and drifting.
	21	57	10	0	N. W.	Ditto.
26	0				Ditto	Cloudy.
	9	57	8	10	Ditto	Drifting.
	23	30 04	12	8	Ditto	Cloudy, with little wind.
27	3	05	11	11	Ditto	Ditto.
	12	29 94	14	15	South	Cloudy, with a brisk wind.
	22	53	-11	-6	Ditto	Blowing strong and drifting.
28	2	35	-7	-1	Ditto	Ditto.
	11	09	+2	+11	Ditto	Ditto.
	23	02	+11	+14	S. W.	Hazy, with moderate wind.
29	3	08	+8	+8	Ditto	Hazy.
	13	29 10	+11	+17	Calm	Cloudy.
	23	08	+10	+12	North	Snowing, with little wind.
30	4	12	+9	+5	Ditto	Snowing, and moderate wind.
	13	29	-4	-12	Ditto	Cloudy and ditto.
	22	39	-12	-18	N. W.	Hazy and ditto.
31	5	49	-15	-25	Ditto	Clear and rising wind.
	12	62	-25	-34	Ditto	Drifting and a brisk wind.
J. D.						
1769.	22	80	-28	-27	Ditto	Clear.
o Jan. 1.	1	84	-26	-25	Ditto	Ditto.
	6	94	-25	-29	Ditto	Hazy, and brisk wind.
	19	30 11	-25	-27	Ditto	Ditto.
2	0	18	-26	-26	Ditto	Clear, and less wind.
	7	19	-28	-34	North	Ditto.
	21	09	-34	-34	Ditto	Ditto.

3 Jan.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather.
			A	B		
3 Jan. 3. at	0 6	30 03	-29	-24	N. W. West	Hazy, almost calm. Thick and a brisk wind.
	21	29 57	-18	-16	S. W.	Ditto.
	1	40	-16	-9	Ditto	Ditto.
4	5	33	-13	-9	West	Small drifting snow, and the wind high.
	21	53	-19	-24	N. W.	Wind very high, and thick drifting wea- ther.
5	1	57	-21	-23	Ditto	Ditto.
	6	63	-24	-26	North	Ditto.
	21	82	-28	-29	N. W.	Ditto.
6	1	91	-27	-29	Ditto	Ditto. The spirits of wine, in which the plumb of the qua- drant is immerfed, is now congealed to the consistence of a common jelly. I apprehend this was done in the night ; but I did not ob- serve it before.
	6	29 94	-28	31	N. W.	Hazy, and the wind very high..
	21	98	-32	35	N. W.	Cloudy, the wind brisk..
7	1	30 00	-29	29	Ditto	Foggy, and less wind..
	6	30 00	-33	37	Ditto	Hazy, wind ditto. W. W.
	22	29 87	-33	-31	West	Hazy, wind moderate..
	1	84	-30	-25	Ditto	Clear, ditto.
8	8	70	-30	-33	S. W.	Ditto, little wind..
	22	40	-28	-21	Ditto	Very hazy, ditto..
	2	35	-24	-19	Ditto	Ditto.
9	9	39	-23	-21	West	Hazy, ditto..
	21	40	-31	-30	Ditto	Clear, ditto..
	2	48	-27	-25	Ditto	Hazy wind rising..
10	11	59	-27	-29	Ditto	Ditto, wind moderates..

3 Jan.

1760.	Ho.	Bar.	Thermome.		Winds.	Weather, &c.
			A	B		
8 Jan. 10, a	22	29 76	-28	-15	North	Hazy, wind moderate.
8 11	2	82	-23	-18	West	Very hazy, ditto.
	11	97	-26	-30	N. W.	Clear, ditto.
	22	30 00	-32	-30	West	Ditto.
11 12	0	29 96	-30	-28	Ditto	Ditto.
	11	78	-26	-25	Ditto	Very hazy, ditto.
	22	54	-24	-17	S. W.	Clear, ditto.
12 13	2	42	-19	-13	South.	Ditto.
	11	32	-20	-20	S. W.	Ditto.
	22	41	-19	-21	West	Clear.
13 14	1	44	-20	-21	West	Ditto.
	11	46	-28	-30	Ditto	Hazy, wind rising.
						J. D.
	21	29 45	-27	-27	N. W.	Thick, with small drifting snow; wind high.
15	1	45	-26	-21	Ditto	Ditto.
	6	51	-26	-28	Ditto	Hazy and less wind.
	20	52	-31	-31	Ditto	Ditto.
16	0	52	-28	-22	West	Tolerably clear, brisk wind.
	5	52	-25	-28	N. W.	A little hazy.
	18	48	-32	-36	Ditto	Ditto.
	21	47	-33	-35	Ditto	Clear.
17	1	47	-31	-31	Ditto	Very hazy.
	8	46	-34	-39	Ditto	Ditto.
	20		-39	-40½	Ditto	Clear.
	22	29 46	-39	-38	Ditto	Ditto.
18	1	47	-36	-32	Ditto	Ditto.
	9	36	-34	-36	S. W.	Very hazy, and brisk wind.
	21	20	-23	-30	West	Thick and little wind.
19	1	18	-26	-12	Ditto	Very hazy.
	5	16	-21	-17	North.	Thick, with fleet and little wind.
	20	34	-28	-31	N. W.	Very hazy.
20	1	37	-26	-24	Ditto	Clear, the wind brisk.
	6	45	-27	-30	Ditto	Ditto.
	8	53	-33	-36	Ditto	Ditto.

1760.	Ho.	Baro.	Thermome.		Winds	Weather, &c.
			A	B		
Jan. 21, at	0	29 64	-33	-29	N. W.	Clear, the wind brisk.
	5	74	-31	-36	Ditto	Ditto.
						W. W.
22	21	29 80	-36	-36	West	Clear, wind moderate.
	2	85	-31	-21	Ditto	Very hazy, ditto.
	9	91	-30	-31	N. W.	Very thick haze, ditto.
	16	91	-36	-45	Ditto	Clear, the cold very sharp; while I only looked at the thermometer B, it began to freeze my nose; a brisk wind.
23	21	93	-43	-41	West	Clear, ditto.
	1	95	-37	-33	N. W.	Ditto.
	10	96	-37	-38	West	Ditto, the wind less.
	21	87	-37	-36	Ditto	Ditto.
24	1	85	-33	-28	Ditto	Ditto.
	10	79	-31	-31	Ditto	Cloudy, with some drift.
25	22	77	-23	-19	N. E.	Snowing.
	1	75	-21	-14	North	Drifting, the wind stronger.
	10	73	-19	-17	Ditto	Ditto, less wind.
	22	77	-19	-16	Ditto	Snowing briskly.
26	1	82	-19	-21	N. W.	Ditto.
	10	87	-23	-24	Ditto	Cloudy, and strong wind.
	22	93	-25	-25	Ditto	Ditto.
27	1	97	-25	-20	Ditto	Ditto.
	10	30 06	-29	-31	Ditto	Clear, blowing and drifting.
	22	17	-34	-34	Ditto	Ditto, a brisk wind.
28	1	20	-31	-28	Ditto	Ditto.
	12	22	-34	-38	Ditto	Hazy, and less wind.
						J. D.
29	20	30 13	-37	-40	North	Clear, and brisk wind.
	0	10	-35	-30	N. W.	Ditto.
	6	07	-30	-35	Ditto	Ditto.
	20	29 98	-36	-41	Ditto	Ditto.
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1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
D Jan. 30, at	0	29 97	—34	—30	N. W.	Clear and brisk wind.
	6	96	—28	—32	S. W.	Hazy, and almost calm.
	20	99	—26	—20	N. W.	Thick, with fleet; wind brisk.
2 31	0	30 07	—24	—18	Ditto	A little foggy, the wind ditto.
	6	17	—24	—31	Ditto	Clear, the wind brisk.
	20	09	—31	—27	S. W.	Cloudy, the wind moderate.
3 Feb. 1	0	30 00	—27	—14	South	Ditto.
	6	29 75	—22	—23	S. E.	Very thick, the wind high.
	20	32	—11	—6	West	Thick, the wind moderate. N. B. A large quantity of snow has fallen in the night.
4 2	0	29 40	—9	—1	N. W.	A little hazy, the wind brisk.
	6	63	—14	—21	Ditto	Wind brisk, and much drift, caused by the new fallen snow lying loose.
	20	30 03	—27	—30	N. W.	Very hazy, the wind high and drifting.
3 3	0	07	—26	—24	Ditto	Clear, and less wind.
	6	29 90	—24	—26	S. E.	Cloudy, the wind mo- derate.
	20	02	—14	—7	Ditto	Very thick, with fleet, the wind ditto.
5 4	0	28 89	—12	—0	N. W.	Ditto, the wind brisk.
	6	29 37	—14	—19	Ditto	Ditto.
					W. W.	
	22	29 68	—23	—20	West	Clear, with a brisk wind.
6 5	0	71	—20	—15	Ditto	Ditto, ditto.
	8	79	—16	—20	N. W.	Ditto.
	16	88	—21	—26	Ditto	Hazy, and the wind strong.

Feb.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
Feb. 6, at	0	29 95	-21	-16	N. W.	A little hazy, and less wind.
	8	94	-21	-23	Ditto	Very thick, the wind moderate.
	15	91	-21	-24	Calm	Cloudy.
7	0	91	-21	-3	S. W.	Ditto, with little wind.
	10	97	-16	-19	Calm	Hazy, with fleet.
	15	30 04	-19	-19	Ditto	Ditto.
8	0	30 09	-15	-10	S. W.	Clear, with little wind.
	8	30 03	-13	-13	South	Ditto.
	16	29 87	-13	-10	Ditto	Hazy, and wind brisk.
9	0	77	-5	+15	S. W.	Clear, wind moderate.
	8	59	+9	+12	Ditto	Coming on hazy, and little wind.
	15	61	+7	+12	N. W.	Cloudy, strong wind, and drifting.
10	0	93	-1	-0	North	Ditto.
	9	30 22	-10	-16	Ditto	Clear, ditto.
	16	30 32	-16	-21	Ditto	Ditto, and less wind.
	20	30 33	-21	-26	Ditto	Ditto, still less wind.
11	1	30 30	-10	-15	West	Ditto, the wind moderate.
	13	29 82	-13	-13	S. E.	Cloudy, little wind, with fleet.
	10	29 86	-10	-9	North	J. D. Thin clouds, the wind moderate.
12	0	96	-7	-3	N. W.	Clear, the wind ditto.
	6	99	-11	-21	West	Cloudy and little wind.
	20	99	-22	-26	N. W.	The wind very high, and much drift.
13	1	30 04	-19	-9	Ditto	Ditto.
	6	07	-20	-25	Ditto	Ditto.
	20	29 93	-26	-27	Ditto	Clear, the wind brisk.
14	0	94	-20	-15	Ditto	Ditto.
	6	98	-17	-21	Ditto	Ditto.
	20	61	-23	-18	South	Thick, and the wind moderate.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
Feb. 15	1	29 31	—17	+ 3	S. E.	Snowing briskly, and little wind.
	6	21	—10	— 2	Ditto	Thick, with fleet, and little wind.
	20	56	—11	—11	North	Cloudy, the wind moderate.
16	0	66	— 7	— 6	Ditto	Clear, wind as above.
	6	69	— 9	—16	Ditto	Thin clouds, and little wind.
	20	57	—16	—16	Ditto	Thin flying clouds, and little wind.
17	0	58	—10	— 2	S. W.	Ditto and foggy.
	6	58	—10	—19	West	Cloudy, little wind.
	20	76	—17	—20	North	Ditto.
18	0	80	—16	— 4	Ditto	Ditto.
	6	72	—15	—19	Ditto	Thick, with fleet, the wind brisker.
W. W.						
19	21	29 68	—20	—18	N. E.	Clear, with a brisk wind.
	0	70	—16	—10	Ditto	Ditto.
	8	70	—17	—18	Ditto	Cloudy, ditto.
20	20	61	—15	— 8	Ditto	Snowing, with moderate wind.
	0	53	—11	+ 5	East	Ditto.
	8	49	— 9	—12	North	Clear, ditto.
21	14	59	—10	— 8	Ditto	Cloudy, with little wind.
	1	72	— 9	+ 6	N. W.	Ditto.
	9	81	—11	—20	Ditto	Clear, with moderate wind.
22	20	82	—26	—32	West	Ditto.
	0	79	—21	—21	Ditto	Ditto.
	10	68	—23	—30	Ditto	Hazy, ditto.
23	20	67	—31	—41	North	Ditto, blowing strong and drifting.
	0	71	—33	—32	N. W.	Cloudy, ditto.
	8	72	—35	—38	Ditto	Clear, less wind, but drifting.

24 Feb.

1769.	H.	Baro.	Thermo.		Winds.	Weather, &c.
			A	B		
24 Feb. 23, at	20	29 63	-33	-29	West	Cloudy, with moderate wind.
24	1	68	-26	-10	Ditto	Clear, ditto.
	8	85	-20	-29	N. W.	Ditto.
	15	93	-29	-37	S. W.	Coming on thick, with a brisk wind.
	21	95	-35	-36	West.	Clear, and moderate wind.
25	0	95	-30	-24	Ditto	Ditto.
	8	90	-25	-31	Ditto	Ditto.
	15	80	-31	-35	N. W.	Cloudy, with a brisk wind.
J. D.						
26	20	29 71	-34	-38	N. W.	Clear, and the wind brisk.
	1	71	-29	-24	Ditto	Hazy, ditto.
	6	73	-30	-35	Ditto	Thin clouds, wind high.
	20	75	-38	-42	Ditto	Clear, and moderate wind.
27	0	80	-34	-28	Ditto	Ditto.
	6	86	-28	-33	Ditto	Thin flying clouds, ditto.
28	20	80	-38	-37	West	Hazy, and little wind.
	0	80	-30	-9	Ditto	Ditto.
	6	81	-17	-12	N. W.	Ditto.
	20	90	-27	-30	Ditto	Ditto, the wind moderate.
28 March 1.	0	92	-27	-18	Ditto	Ditto, with fleet, or drift.
	6	98	-25	-34	Ditto	Wind high, and drifting.
	20	97	-39	-41	Ditto	Clear, and the wind high.
24	0	98	-31	-25	Ditto	Ditto.
	6	30 02	-28	-31	Ditto	Clear, the wind brisk.
	15	29 96	-30	-33	Ditto	A little hazy, the wind moderate.

24 March

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
24 March 2, at	21	29 94	-31	-25	West	Clear, and the wind moderate.
3	0	92	-25	-13	Ditto	Thin haze, the wind ditto.
	6	86	-18	-15	Ditto	Clear, and little wind.
	20	68	-29	-30	Ditto	Hazy, wind moderate.
4	0	65	-21	-10	Ditto	Clear, ditto.
	6	63	-14	-18	Ditto	Hazy, and almost calm.
W. W.						
	21	29 68	-31	-32	N. W.	Clear, with moderate wind.
5	0	29 77	-29	-26	West	Clear, the wind brisk, and low drift.
	8	83	-31	-33	Ditto	Very hazy, the wind brisk, and no drift.
	21	80	-36	-33	Ditto	Clear, and less wind.
6	0	82	-27	-19	Ditto	Clear, and the wind brisk.
	7	80	-24	-30	Ditto	Clear, ditto.
	18	69	-36	-41	Ditto	Ditto, wind moderate.
7	0	66	-30	-20	Ditto	Hazy, wind brisk.
	9	75	-30	-35	N. W.	Clear, ditto.
	21	80	-35	-27	Ditto	Cloudy, ditto, and drifting.
8	0	90	-30	-5	Ditto	Ditto, with less wind.
	10	30 21	-27	-28	Ditto	Clear, blowing strong, and drifting.
	21	30 24	-36	-28	West	Very hazy, the wind brisk.
9	0	30 14	-30	-11	S. W.	Ditto.
	10	29 88	-17	-11	Ditto	Clear, ditto, with low drift.
	20	50	-8	+6	Ditto	Cloudy, and the wind strong.
10	2	44	-0	+22	Ditto	Ditto.
	10	63	-0	-3	N. W.	Ditto, and drifting.
	21	81	-11	-14	Ditto	Ditto.
11	0	85	-10	-8	West	Clear, ditto.

h March

1769.	Ho.	Baro.	Thermome.		Winds.	Weather.
			A	B		
h Mar. 11, at	11	29.86	-18	-23	N. W.	Clear, and less wind. J. D.
O 12	20	29.77	-27	-22	S. W.	Clear, and brisk wind.
	0	71	-16	-0	Ditto	Ditto, little wind.
	6	54	-7	-5	Ditto	Cloudy, almost calm.
	20	26	-17	-23	N. W.	Thick, the wind high, and much drift.
D 13	1	72	-21	-9	N. W.	Cloudy, wind brisk.
	6	77	-17	-19	Ditto	Clear, the wind brisk, with drift.
f 14	20	69	-26	-26	Ditto	Ditto, the wind brisk.
	1	72	-19	-6	Ditto	Hazy, and almost calm.
	6	71	-15	-16	Ditto	Ditto.
g 15	20	63	-28	-30	Ditto	Clear, wind moderate.
	0	70	-21	-16	Ditto	Ditto.
	6	77	-18	-21	Ditto	Ditto.
	20	59	-28	-25	Ditto	Ditto, wind high.
h 16	0	60	-23	-10	Ditto	Ditto, with drift.
	6	67	-18	-22	Ditto	Clear, wind moderate.
	20	59	-22	-16	Ditto	Ditto.
i 17	0	66	-14	+ 2	Ditto	Thin clouds, wind moderate.
	6	76	-6	- 1	Ditto	Clear, wind brisk.
	20	90	-19	-21	Ditto	Clear, wind moderate.
h 18	0	92	-13	+ 1	Ditto	Hazy, wind ditto.
	6	86	-5	+ 1	West.	Cloudy, and little wind.
W. W.						
O 19	20	29.70	-4	+ 7	West	Very hazy, and little wind.
	0	59	+ 6	+ 20	Ditto	Clear, and ditto.
	8	45	+ 1	- 0	N. E.	Very hazy, with brisk wind.
D 20	20	48	- 0	+ 3	North	Cloudy, and a strong wind.
	0	63	- 0	+ 11	Ditto	Cloudy, and the wind strong.
	8	80	- 1	- 8	Ditto	Clear, ditto, with a little drift.

h Mar.

1769.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.	
			A	B			
9 Mar. 20, a	20	29 7 ⁸	-16	- 8	West	Clear, ditto, with little drift.	
3	21	1	83	- 7	+ 4	Ditto	Ditto.
		8	80	- 4	- 8	Ditto	Ditto, less wind.
		20	63	-15	-11	Ditto	Ditto, wind moderate.
4	22	0	50	- 5	+ 5	N. W.	Ditto.
		8	57	- 5	-12	Ditto	Ditto.
		20	66	-22	-14	Ditto	Ditto, the wind strong.
4	23	0	80	-13	- 8	Ditto	Ditto.
		9	93	-18	-24	Ditto	Ditto, wind moderate.
		20	30 08	-25	-16	Ditto	Ditto.
4	24	0	30 07	-13	- 5	Ditto	Ditto.
		9	30 10	-13	-21		Hazy and calm.
		15	30 13	-19	-23	Ditto	Ditto, and little wind.
6	25	0	30 19	- 8	+ 6	West	Clear ditto.
		9	30 21	- 8	-15	Ditto	Ditto.
J. D.							
9	26	21	30 18	-15	- 3	South	Clear, and little wind.
		0	30 13	- 4	+14	S. E.	Ditto.
		6	29 96	+ 2	- 0	Ditto	Cloudy, wind moderate.
2	27	19	58	+ 4	+15	South	Ditto, wind brisk.
		0	49	+11	+40	Ditto	Ditto, wind moderate.
		7	47	+24	+24	Ditto	Clear, and very little wind.
3	28	19	47	+ 9	+11	South	Hazy, and almost calm.
		0	44	+24	+37	East	Ditto.
		6	45	+35	+23	N. W.	Cloudy, the wind as above.
8	29	19	61	+12	+ 5	North	Cloudy, the wind brisk with drift.
		0	74	+10	+10	Ditto	Hazy, wind brisk.
		6	82	+ 9	+ 9	N. W.	Clear, wind moderate.
4	30	19	79	-11	- 6	Ditto	Very hazy, and almost calm.
		0	71	- 2	+20	East	Thick with snow, and little wind.
		6	63	+ 4	+ 7	N. E.	Ditto, wind brisk.
		20	79	+ 1	+ 8	Ditto	Hazy, ditto.

8 Mar.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather.
			A	B		
2 Mar. 31, at	0	29 82	+ 8	+ 14	North.	Clear, wind brisk.
	7	81	+ 11	+ 5	East.	Ditto, little wind.
	20	31	+ 12	— 6	South.	Blowing strong, and much drift.
1/2 April 1.	0	18	+ 01	+ 31	Ditto	Snowing, wind high, and much drift.
	6	11	+ 13	+ 26	Ditto	Cloudy, almost calm.
W. W.						
2	19	29 24	+ 9	+ 12	North.	Snowing and blowing brisk.
	0	37	+ 10	+ 23	West	Ditto, and blowing very strong.
	6	56	+ 7	+ 5	Ditto	Drifting, and ditto.
	13				Ditto	Ditto.
3	19	84	— 9	— 8	Ditto	Clear, less wind, and but little drift.
	0	93	— 2	+ 7	N. W.	Clear, brisk wind, and low drift.
	9	30 02	+ 1	— 7	Ditto	Ditto, and ditto.
	13	30 05	— 5	— 12	Ditto	Ditto.
4	20	30 10	— 9	— 4	Ditto	Ditto, wind moderate.
	0	30 12	— 2	+ 8	North	Ditto.
	9	30 15	+ 4	+ 3	Ditto	Cloudy, ditto.
	19	30 12	— 7	— 7	N. W.	Clear, ditto.
5	0	30 13	+ 3	+ 16	Ditto	Ditto.
	8	30 12	+ 9	— 1	West	Ditto, little wind.
	19	30 08	— 2	+ 5	North	Ditto, wind moderate.
	0	30 10	+ 9	+ 20	Ditto	Ditto, the wind brisk.
6	9	30 14	+ 5	— 2	Ditto	Ditto, wind moderate.
	19	30 08	0	0	Ditto	Thin clouds, and the wind brisk.
	0	30 03	+ 5	+ 23	Ditto	Cloudy, and the wind strong.
	9	30 11	+ 5	+ 6	N. E.	Ditto, wind moderate.
7	20	30 24	+ 1	+ 20	Ditto	Thin clouds, and little wind.
	0	30 26	+ 15	+ 26	Ditto	Ditto, wind brisk.
	7	30 19	+ 20	+ 14	Ditto	Cloudy, little wind.
						J. D.

1769.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.
			A	B		
April 8, at	19	30 0	+ 6	+ 12	West	Hazy, almost calm.
9	0	29 99	17	33	N. W.	Ditto.
	7	99	19	12	Ditto	Ditto.
	19	92	3	11	Ditto	Very hazy, with fleet.
10	0	94	13	26	Ditto	Thin flying clouds, the wind moderate.
	8	30 10	11	6	Ditto	Thick, with fleet, the wind brisk.
	19	30 20	- 8	- 6	Ditto	Clear, ditto.
11	0	30 24	+ 3	+ 11	Ditto	Ditto.
	6	30 24	+ 8	+ 17	Ditto	Ditto, wind moderate.
	19	30 07	- 8	- 0	Ditto	Ditto.
12	0	29 98	+ 11	+ 19	East	Ditto.
	6	29 84	13	15	Ditto	Thick, with snow, and little wind.
	19	29 73	5	12	N. W.	Clear, wind moderate.
13	0	29 71	14	23	Ditto	Ditto, little wind.
	6	29 60	21	13	S. E.	Thin flying clouds, and little wind.
	8				Ditto	Cloudy.
	20	29 37	9	23	South	Ditto, with snow, the wind moderate.
14	0	29 39	14	45	East	Ditto.
	6	29 51	21	20	East	Ditto.
	19	29 70	3	7	East	Very thick, the wind moderate.
15	0	29 83	9	29	Ditto	Thick, wind as above.
	6	29 95	12	9	N. W.	Cloudy, ditto.
— W. W.						
16	20	29 91	+ 1	+ 5	N. W.	Clear, wind brisk.
	0	88	9	14	Ditto	Ditto, wind moderate.
	9	85	7	0	N. E.	Cloudy, wind brisk.
	19	79	2	8	North	Ditto.
17	0	80	15	26	Ditto	Cloudy, wind strong and drifting.
	5	79	15	21	Ditto	Hazy, wind ditto, and drifting.
	9	75	11	10	Ditto	Very thick, ditto.
	19	58	6	15	Ditto	Ditto.

8 April

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
8 April 18, at	1	29 59	+15	+34	North	Very thick, less wind and drift.
	5	64	17	26	Ditto	Ditto, wind the same.
	9	68	17	20	Ditto	Ditto, more wind.
	20	81	18	27	Ditto	Ditto, with less wind.
8 19	0	90	23	44	Ditto	Ditto, the wind brisk.
	8	99	24	31	Ditto	Ditto, wind moderate.
	12	30 03	22	20	Ditto	Ditto, little wind.
	19	30 03	19	27	East	Ditto.
14 20	1	04	31	47	N. E.	Ditto.
	9	29 98	30	22	Calm	Cloudy.
	19	84	19	31	N. W.	Snowing, and very little wind.
9 21	0	84	31	38	Ditto	Clear, and little wind.
	9	76	30	17	East	Ditto, and very little wind.
	20	64	13	20	Calm	Thick fog.
15 22	0	63	23	28	N. W.	Clear, and very little wind.
	9	57	29	21	Ditto	Cloudy, ditto.
J. D.						
	19	29 46	+21	+27	West	Very thick, and little wind.
0 23	0	44	31	39	Ditto	Flying clouds, the wind as above.
	6	46	37	37	N. W.	Clear, and little wind.
	19	60	26	29	East	Flying clouds, the wind moderate.
3 24	2	69	37	36	Ditto	Cloudy, little wind.
	7	69	32	26	Ditto	Hazy, ditto.
	19	71	19	26	S. E.	Cloudy, the wind moderate.
8 25	0	73	27	47	South	Ditto.
	6	74	36	37	S. E.	Clear, the wind as above.
	19	68	26	31	Ditto	Flying clouds, the wind brisk.
8 26	5	59	43	45	Ditto	Very hazy, the wind moderate.

J. D.
h May

1760.	Ho	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
h May 6, at	19	29 97	+33	+39	West	Cloudy, and little wind.
o 7	1	29 96	41	45	North	Clouds, the wind moderate.
	6	93	39	34	East	Ditto, raining briskly.
	19	91	32	35	Ditto	Cloudy, wind brisk.
d 8	0	88	35	39	Ditto	Very thick and foggy; the wind brisk.
	6	82	36	38	Ditto	Cloudy, and the wind moderate.
	19	75	32	37		A thick wet fog, and calm.
a 9	0	83	37	49	N. W.	Cloudy, little wind.
	6	98	47	45	Ditto	Flying clouds, and the wind brisk.
	19	30 23	28	26	North	Clear, the wind high.
z 10	0	29	34	32	Ditto	Ditto, ditto.
	6	27	34	29	East	Cloudy, little wind.
	19	29 88	26	28	South	Ditto, the wind brisk.
4 11	0	75	28	35	Ditto	A brisk wind, with rain.
	6	62	32	39	S. W.	Cloudy, and almost calm.
	19	96	24	21	N. W.	Thin clouds, the wind very high.
7 12	0	30 06	26	23	North	Ditto, ditto.
	6	30 14	26	24	Ditto	Clear, and less wind.
	20	30 14	15	22	N. W.	Thick, with snow, the wind high.
h 13	0	30 14	22	27	Ditto	Cloudy, wind brisk.
	7	30 08	25	20	Ditto	Hazy, with flying clouds.
						W. W.
	20	29 94	+11	27	East	Cloudy, and little wind.
o 14	1	90	24	42	South	Ditto, a brisk wind.
	8	81	31	28	East	Ditto, ditto.
	20	74	26	33	S. E.	A brisk fall of hail, and moderate wind.

D May

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
D May 15, at	1	29 81	+30	+40	East	Snowing, and blowing briskly.
	9	30 02	22	27	N. E.	Cloudy, the wind ditto.
	20	30 10	20	32	North	Ditto, the wind moderate.
16	6	30 12	32	34	Ditto	Ditto, the wind brisk.
	10	30 11	29	24	Ditto	Ditto, ditto.
	20	30 08	25	35	Ditto	Ditto.
17	0	30 10	29	47	Ditto	Ditto.
	10	30 11	32	31	Ditto	Ditto.
	20	30 10	31	38	N. W.	A thick wet fog, and moderate wind.
18	1	30 10	36	54	West	Cloudy, and very little wind.
	10	30 00	37	32	South	Coming on very hazy; little wind.
	20	29 86	35	44	West	Cloudy, and moderate wind.
19	2	85	38	50	Nor'ly	Cloudy, and ditto.
	9	90	35	32	North	Ditto, blowing strong.
	20	89	29	33	Ditto	Ditto, the wind moderate.
20	1	85	32	39	N. W.	Clear, the wind ditto.
	9	83	36	28	Nor'ly	Cloudy, and little wind.
J. D.						
	20	29 79	+27	+33	North	Thick, with sleet, little wind.
21	0	80	31	48	Ditto	Ditto, ditto.
	6	80	38	40	Calm	Ditto.
	19	76	30	36	Ditto	Ditto.
22	0	76	41	42	South	Clear, a moderate wind.
	6	72	40	41	East	Cloudy, ditto.
	18	70	30	35	Ditto	Ditto, ditto.
23	0	62	38	43	North	Ditto.
	6	76	39	38	Ditto	Ditto.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
May 23, at	19	29 80	+26	+30	N. W.	Very thick; moderate wind, much snow in the night.
24	0	87	36	43	Ditto	Hazy, and little wind.
	6	87	42	47	Ditto	Ditto, ditto.
	19	84	29	33	N. W.	Clear, ditto.
25	0	93	42	51	N. W.	Cloudy, a brisk wind.
	6	98	41	36	Ditto	Ditto, ditto.
	19	85	30	42	S. W.	Ditto.
26	0	78	43	57	Ditto	Ditto, little wind.
	6	64	46	56	Ditto	Hazy, ditto.
	19	73	34	39	N. W.	Thick, wind brisk.
27	0	78	39	48	North	Flying clouds, wind as above.
	8	80	42	36	East	Cloudy, and little wind.
						—W. W.
	20	29 76	+31	+34	N. E.	Thick settled clouds, and moderate wind.
28	0	78	35	45	Ditto	The sun at times shining faintly.
	8	81	40	37	North	Thin clouds, and little wind.
	19	78	31	34	Ditto	Clear, and little wind.
29	0	83	44	49	East	Broken clouds, and little wind.
	10	85	41	34	North	Thick clouds, the wind ditto.
	19	29 88	34	36	N.W.	Very clear, and little wind.
30	5	89	49	49	East	Hazy, wind moderate.
	9	87	42	34	N. E.	Thin clouds, and very little wind.
	19	78	34	37	East	Snowing very fast; ditto wind.
31	1	83	45	49	N.W.	Cloudy, and moderate wind.
	9	89	42	43	West	Clear, ditto.

8. May.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
8 May 31, at	19	29 96	+33	+40	West	Thin clouds, and little wind.
24 June 1	1	96	46	49	East	Cloudy, a brisk wind.
	4	89	44	45	North	Raining briskly.
	9	74	37	34	N. E.	Raining, and blowing strong.
	20	50	35	40	West	Drizzling rain, and little wind.
	2	0		45		Clear.
2	5	80	49	51	S. W.	Ditto.
	10	90	39	44	West	Ditto, and very little wind.
	18	96	33	37	South	Clear.
	22	96	43	55	Ditto	Clear at times, flying clouds.
	3	0	96	50	Ditto	More flying clouds, the wind rising.
J. D.						
4	19	29 65	+38	+42	South	Hazy, wind moderate.
	0	29 60	49	56	Ditto	Some flying clouds, the wind as above.
	8	55	49	42	Ditto	Ditto.
	19	47	36	40	Calm	Clear.
	1	46	52	59	S. W.	Cloudy, the wind moderate.
5	7	46	49	47	N. W.	Flying clouds, the wind brisk.
	19	37	36	40	Ditto	Ditto, wind very high.
	1	36	39	45	Ditto	Thick, the wind as above.
	6	42	38	36	Ditto	Ditto, with rain, ditto.
	19	49	34	38	Ditto	Cloudy, ditto.
7	0	53	37	45	Ditto	Hazy, the wind brisk.
	6	54	44	46	Ditto	Cloudy, little wind.
	19	37	33	40	N. E.	Ditto.
	0	34	43	49	North	Thin clouds, ditto.
	6	34	48	47	Ditto	Cloudy, ditto.
8	19	32	36	40	N. W.	Ditto, the wind moderate.

2 June

1769.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.
			A	B		
♀ June 9, at	0	29 39	+42	+50	N. W.	Cloudy, and very little wind.
	6	39	44	44	Ditto	Ditto, moderate wind.
	19	37	35	40	Ditto	Very thick, the wind brisk.
h 10	0	42	42	50	Ditto	Flying clouds, the wind moderate.
	7	46	50	45	Ditto	Cloudy, ditto.
	19	29 49	+36	+40	N. W.	W. W. Some flying clouds, and moderate wind.
○ 11	0	59	49	53	N. W.	Mostly cloudy, the wind as above.
	9	68	52	59		Clear, and little wind.
	19	71	38	39	East	Mostly cloudy, and likely for rain.
h 12	4	79	43	41	Ditto	Clearing a little.
	10	80	41	39	South	Clear, and little wind.
	19	88	36	40	Ditto	Clear, moderate wind.
♂ 13	1	93	53	45	S. E.	Very hazy.
	4	90	50	42	East	Ditto, the wind brisk.
	9	87	44	40	Ditto	Cloudy, and ditto.
	19	79	35	37	Ditto	Ditto.
♀ 14	2	51	38	40	North	Ditto, the wind strong.
	9	34	42	40	East	Rain and strong wind.
	20	26	45	60	S. W.	Very hazy, ditto.
24 15 *	0				Ditto	Rain, ditto.
	10	37	48	46	Ditto	Cloudy, and moderate wind.
	20	28	40	41	West	Rain and strong wind.
3 16	0	28	40	43	Ditto	Cloudy and ditto.
	9	40	40	36	Ditto	Slow rain, and little wind.
	20	38	35	38	N. W.	Cloudy, and moderate wind.
h 17	2	39	41	46	N. W.	Ditto.
	10	40	38	38	Ditto	Ditto.

J. D.

* N. B. The 15th, the ice of the river broke and went to sea. J. D.

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h June

1769.	Ho.	Baro.	Thermome.		Winds	Weather, &c.
			A	B		
June 17, at 19	29	42	+ 37	+ 39	N. W.	Cloudy, with small rain, wind brisk.
18	0	47	42	50	Ditto	Cloudy, the wind moderate.
	6	57	44	44	Ditto	Ditto.
	12	54	38	35	Ditto	Thick clouds, the wind high.
	19	61	36	42	Ditto	Cloudy, the wind brisk.
19	0	69	48	54	Ditto	Ditto.
	6	73	51	55	Ditto	Ditto, little wind.
	19	75	43	47	Ditto	Clear, wind moderate.
20	0	76	57	64	East	Ditto, and very little wind.
	3			70		
	6	71	61	65	S. E.	Cloudy, and little wind.
	19	51	47	49	Ditto	Thick and rainy, the wind strong.
21	0	44	50	63	South	Flying clouds, the wind as above.
	6	47	59	57	East	Cloudy, and little wind.
	19	74	40	41	N. W.	Clear, ditto.
22	0	79	54	56	East	Hazy, and very little wind.
	19	68	46	49	Ditto	Ditto.
23	0	65	58	58	Ditto	Ditto.
	6	56	60	68	S. E.	Ditto, more wind.
	19	50	47	45	North	Cloudy, wind brisk.
24	0	56	53	49	Ditto	Very foggy, and little wind.
	6	59	57	57	East	Clear, ditto.
						W. W.
25	0	53	+ 53	+ 61	South	Clear, the wind brisk.
	4	50	63	74	S. W.	Ditto.
	9	50	69	78	Ditto	A thunder shower, the wind moderate.
	9	60	55	43	Calm	Cloudy.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.	
			A	B			
June 25, at 20	29	68	+45	+49	East	Cloudy, and moderate wind.	
26	1	73	50	54	N. E.	Ditto.	
	9	74	49	44	Ditto	Ditto.	
	20	73	45	55	S. E.	Very hazy, and little wind.	
27	1	75	54	60	East	Cloudy, and moderate wind.	
	9	72	54	50	South	Rain, ditto.	
	20	69	49	55	Calm	Very hazy.	
28	0	73	58	59	East	Clear, and little wind.	
	9	80	60	55	Ditto	Ditto.	
	20	81	50	52	S. W.	Cloudy, and ditto.	
29	1	83	52	63	West	Clear, and little wind.	
	9	91	60	56	Calm	Very hazy.	
	20	91	55	58	North	Very thick clouds, and little wind.	
30	2	89	57	60	East'y	Cloudy, and ditto.	
	8	84	52	49	Ditto	Rain, and ditto.	
	20	76	45	44	North	Ditto.	
July 1	9	76	46	44	Ditto	Cloudy, and moderate wind.	
J. D.							
	19	29	74	+44	+48	N. E.	Cloudy, the wind moderate.
2	1	74	57	60	North	Flying clouds, and very little wind.	
	6	73	66	64	Ditto	Ditto.	
	15	58	51	54	South	Ditto, the wind brisk.	
3	0	52	61	76½	Ditto	Ditto.	
	3			80	Ditto	Ditto.	
	6	48	69	74	Ditto	Ditto.	
	19	41	56	61	S. E.	Very hazy, and little wind.	
4	0	40	67	75	East	Cloudy, ditto.	
	6	42	58	49	North	Very thick and foggy, wind high.	
	20	50	47	47	Ditto	Ditto.	
5	0	56	47	51	Ditto	Ditto.	
Z 2							
July							

7 July

1769.	Mo.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
8 July 5, at	8	29 66	+48	+45	N. W.	Cloudy, the wind moderate.
	19	79	44	46	North	Ditto, very little wind.
4 6	0	87	47	54	Ditto	Ditto.
	7	95	49	46	N. W.	Ditto.
	19	30 08	45	49	North	Very hazy, the wind moderate.
7	0	13	53	55	Ditto	Cloudy, ditto.
	6	16	55	53	Ditto	Thin clouds, ditto.
	19	14	46	50	N. E.	Ditto.
h 8	0	15	54	58	North	Cloudy, ditto.
	6	15	54	48	N. E.	Thin clouds, ditto.
						W. W.
	19	30 13	+44	+46	N. E.	Clear.
0 9	0	16	53	51	North	Ditto.
	9	08	54	50	S. E.	Ditto.
	20	29 92	50	61	S. W.	Ditto.
10	0	84	61	79	Ditto	Very hazy.
	10	91	52	46	N. E.	Cloudy.
	21	92	46	52	Calm	Ditto.
8 11	9	86	54	53	East	Clear.
	20	61	45	55	South	Cloudy.
8 12	2	46	65	85	S. W.	Hazy, and brisk wind.
	9	51	60	48	North	Cloudy.
	20	55	49	52	Ditto	Hazy.
4 13	4	59	59	62	South	Very hazy.
	9	56	56	52		Cloudy, and very little wind.
	20	73	48	48	North	Clear, and strong wind.
8 14	0	73	55	55	West	Ditto, the wind moderate.
	9	64	55	55	Ditto	Rain.
	20	60	49	48	North	Clear.
h 15	0	64	54	55	North	Flying clouds.
	9	65	55	50	South	Clear, and moderate wind.

J. D.

h July

[173]

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
h July 15, at	19	29 64	+ 46	+ 49	South	Clear, and the wind moderate.
o	16	o 62	59	69	Ditto	Very hazy, and little wind.
		6 58	62	56	N. E.	Thick, the wind moderate.
	19	45	50	54	North	Thin clouds, and little wind.
d	17	o 51	60	60	Ditto	Clear, ditto.
		8 52	61	56	Calm	Cloudy.
	19	50	53	54	N. W.	Flying clouds, the wind brisk.
8	18	o 48	61	66	North	Thick clouds, and very little wind.
		6 44	59	62	West	Cloudy, and little wind.
	19	51	51	52	North	Cloudy, the wind brisk.
8	19	o 56	57	64	N. W.	Ditto, and little wind.
		6 56	60	61	Ditto	Ditto, and very little wind.
	19	53	50	49	Ditto	Thick ditto.
4	20	o 57	54	56	N. E.	Hazy, the wind moderate.
		6 6	59	58	Ditto	Clear, and little wind.
	19	61	46	51	South	Very thick, ditto.
8	21	o 60	50	58	North	Flying clouds, ditto.
		6 66	58	62	Ditto	Very hazy, ditto.
	11				South	Cloudy, with large flashes of lightening.
	19	6	48	54	N. W.	Ditto, and little wind.
h	22	o 62	51	58	Ditto	Rain, ditto.
		6 64	58	60	North	Flying clouds, ditto.
	12	61	52	49	N. W.	Cloudy, brisk wind.
	19	29 60	+ 49	+ 49	West	Clear, strong wind and frequent showers.

h July

[174]

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
● July 23, at	1	29 60	+55	+57	West	Showers, and strong wind.
	8	61	55	54	Ditto	Ditto, and moderate wind.
	20	63	49	51	N. W.	Clear.
24	0	67	62	64		Rain, and very little wind.
	4					Hazy.
	8	61	63	59	S. E.	Cloudy.
	19	64	52	56		Clear.
25	0	62	62	71	South	Very hazy.
	4					Rain, and strong wind.
	9	61	61	58	West	Cloudy, and little wind.
	19	60	51	55	South	Hazy, and little wind.
26	0	52	65	80	S. W.	Very hazy.
	9	54	54	64	East	Some very black clouds and thunder to the southward.
	19	55	54	55	Ditto	Hazy, and little wind.
27	0	53	60	59	N. E.	Ditto, and moderate wind.
	19	60	49	53	N. W.	Hazy, and wind brisk.
28	0	64	58	63	West	Hazy, brisk wind.
	9	66	63	60	S. W.	Thick haze, and little wind.
	19	65	53	54	West	Clear.
29	0	69	64	66	Ditto	Cloudy
	4					Ditto.
	9	69	62	59	West	Thin clouds, and little wind.
J. D.						
	19	29 64	+52	+58	West	Cloudy, and little wind.
30	0	65	61	65	East	Flying clouds, ditto.
	6	65	67	65	Ditto	Clear, ditto.
	20	64	53	54	N. W.	Thin clouds, the wind brisk.
31	0	69	58	59	North	Ditto, ditto.

2 July

1769.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.
			A	B		
July 31, at	6	29 71	+57	+53	N. W.	Cloudy, little wind.
	19	71	50	51	Ditto	Thick, the wind moderate.
Aug. 1	0	72	56	63	Ditto	Cloudy, and little wind.
	6	73	63	61	N. E.	Ditto.
	19	70	51	53	Ditto	Ditto.
2	0	73	57	59	Ditto	Thin clouds, and little wind.
	6	74	59	60	Calm	Cloudy.
	19	69	54	56	West	Ditto, and very little wind.
3	0	68	55	50	North	Rain, and moderate wind.
	6	67	54	54	N. E.	Clear, and little wind.
	19	65	44	48	Calm	Cloudy.
4	0	64	56	55	East	Clear, and very little wind.
	6	64	58	57	Ditto	Ditto, the wind moderate.
	19	60	45	46	Ditto	Thick clouds, and very little wind.
5	0	67	55	54	Ditto	Clear, ditto.
	6	72	58	57	Ditto	Ditto, moderate wind.
W. W.						
6	19	29 83	+53	53	S. E.	Cloudy, wind brisk.
	0	86	56	68	South	Ditto.
	7	81	57	54	S. E.	Ditto.
	19	43	49	52	West	Cloudy: has been much rain, and strong wind.
7	1	49	51	55	Ditto	Cloudy, and strong wind.
	8	53	54	54		Thin clouds, and little wind.
	19	50	48	50	West	Clear, and brisk wind.
	0	49	54	58	Ditto	Cloudy, and strong wind.

2 Aug.

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Mo.	Ho.	Baro.	Thermome.		Wind.	Weather, &c.
			A	B		
Aug. 8, m	8	29 46	+55	+51	West	Showers, and strong wind.
	20	41	49	51	Ditto	Misty cloudy, and ditto.
9	0	39	52	60	Ditto	Cloudy, and brisk wind.
	8	38	54	52	Ditto	Very hazy, and brisk wind.
	20	22	51	58	Ditto	Cloudy, ditto.
10	1	21	55	60	Ditto	Flying clouds, and strong wind.
	8	29	55	55	Ditto	Ditto, ditto.
	19	39	49	52	N.W.	Cloudy, ditto.
11	0	51	55	61	Ditto	Ditto, less wind.
	8	56	58		Ditto	Flying clouds, and moderate wind.
	19	60	50	51	North	Thick clouds, and brisk wind.
12	0	63	56	61	Ditto	Flying clouds, and ditto.
	8	73	57	53	Calm	Cloudy.
J. D.						
	19	29 73	+51	+52	N.W.	Cloudy, and little wind.
13	1	76	57	65	N. E.	Ditto, ditto.
	7	78	60	60	N. E.	Ditto.
	18	78	49	49	Ditto	Ditto.
14	4	82	53	52	Ditto	Ditto.
	19	90	47	47	Ditto	Ditto.
15	0	92	49	56	Ditto	Ditto.
	7	92	52	57	Calm	Flying clouds.
	19	98	46	48	East	Clear, and little wind.
16	0	30 00	55	58	Ditto	Ditto.
	8	29 93	51	48	Ditto	Clear, and brisk wind.
	19	83	44	48	Ditto	Very hazy, ditto.
7	0				Ditto	Very thick, with heavy rain.
	2	76	48	55	Ditto	Very thick, the wind high.

24 Aug.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
24 Aug. 17, at	6	29 62	+50	+50	East	A very thick fog, with drizzling rain, the wind strong.
	20	30	46	45	N. E.	Much rain, and the wind strong.
18	0	27	46	49	Ditto	Ditto, ditto.
	6	26	46	43	North	Ditto.
19	19	30	43	44	Ditto	Very thick, ditto.
	0	36	44	47	Ditto	Ditto, ditto.
	6	40	42	44	Ditto	Ditto.
						—W. W.
	19	29 63	+43	+44	North.	Strong wind, and cloudy.
20	2	75	45	49	Ditto	Strong wind; but something less; and clear.
	7	80	44	46	Ditto	Cloudy, and strong wind.
	19	80	44	48	Ditto	Thin clouds, and brisk wind.
21	0	80	53	57	S. W.	Cloudy, and moderate wind.
	20	50	47	51	South.	Rain, and moderate wind.
22	0	48	54	59	S. W.	Clear, ditto.
	8	50	59	53	South	Ditto.
	19	50	50	50	Ditto	Clear, very little wind.
23	0	50	60	60	S. E.	Flying clouds, ditto.
	19	44	49	48	W est	Very thick, and little wind.
24	5	53	55	51	North	Clear.
	20	53	45	48	N. W.	Foggy.
25	0	61	51	52	North	Clear.
	4	64	58	57	Ditto	Mostly cloudy.
	20	59	47	54		Cloudy, and very little wind.
26	6	63	59	56	N. E.	Cloudy, and moderate wind.

1769.	Ho.	Baro.	Thermome.		Winds.	Weather, &c.
			A	B		
Aug. 26, at	19	29 69	+47	+49	North	Cloudy, the wind moderate.
○ 27	0	70	52	- 53	Ditto	Very hazy, and brisk wind.
	7	73	55	49	Ditto	Cloudy, ditto.
	19	78	46	44	N. E.	Ditto.
						Took down the instruments, and packed them up.
						— W. W..

N. B. The thermometer A was within the lower observatory, on the south-east side, close to the barometer; its ball was exactly the same height with the mercury in the baron thereof. The thermometer marked B was without doors, on the north side of the observatory.

The signs + and — which are annexed to the altitudes of the two thermometers signify, that they stood so many degrees above or below the cypher respectively. Both the thermometers are according to Fahrenheit's scale. W. W..

