

XXII. *Journal of the Weather at Montreal.* By Mr. Barr.
Communicated by Richard Saunders, M. D. F. R. S.

TO SIR JOHN PRINGLE, BART. P. R. S.

S I R,

Brighton,
 4th Sept. 1777.

Read Feb. 26,
 1778.

SOME days ago I received the inclosed Journal of the weather, kept by Mr. BARR, for a few of the winter months, at Montreal, with a desire to put it into your hands. I understand that the winter was thought particularly mild. The thermometer was FAHRENHEIT'S graduated 50 degrees below α . I observe that the wind never blew from the north; nor do I know that it ever blew from that quarter while I was in America.

I have the honour to be, &c.

R. SAUNDERS.

FOR DECEMBER, 1776.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
14	+10	- 4	3	NE	Clear.
15	+ 2	+30		NW	Cloudy, the first fall of snow at night
16	+16	+ 2		NW	Clear.
17	- 4	+22		NW	Clear.
18	+20	+ 8		NW	Clear, the wind high.
19	- 2	at 0		NW	Calm, a fine calm morning.
20	+ 2	+20	a little	NE	Cloudy.
21	+24	+26	ditto	NE	Cloudy.
22	+24	+14	ditto	NW	Clear.
23	+15	+12		NW	Clear.
24	+ 4	+ 6		NW	Clear.
25	at 0	+ 8		NW	{ Clear, and a little wind. It is worth observing, that the wind is never high when the thermometer is low
26	+ 8	+20	some	NE	Cloudy.
27	+16	+10	ditto	NE	Cloudy.
28	+11	+16		NE	Cloudy.
29	+16	+18		E	Cloudy.
30	+16	+20	a little	NE	Cloudy.
31	+22	+30		S	Cloudy, some rain in the night.

FOR JANUARY, 1777.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
1	+32 $\frac{1}{2}$	+30		S	Cloudy, some rain.
2	+20	+4		NW	Clear, the wind high.
3	-2	+16		NW	Clear, little wind.
4	+14	+18	a little	E	Cloudy.
5	+8	+8	some	NE	Clear.
6	+2	+2		NE	Clear.
7	at 0	+8	some	NE	Cloudy.
8	at 0	+6		NW	Clear.
9	+6	+10		NE	Cloudy.
10	+16	+12		NW	Cloudy, little wind.
11	+6	+16		NW	Clear.
12	+14	+18		NW	Clear.
13	+14	+12		NW	Cloudy.
14	+2	+10	4	NW	Clear, little or no wind.
15	+10	+12	a little	NE	Cloudy.
16	+10	+8		NE	Clear.
17	-2	at 0		NE	Cloudy.
18	-6	+6		NW	Cloudy.
19	+10	+24	4	NW	Cloudy, a little snow.
20	+30	+30		SW	Clear.
21	+20	+11		W	Clear.
22	+6	+2		NE	Clear.
23	+2	+20		NE	Clear, very little wind.
24	+30	+40	1	SE	{ Clear, in the morning snow, and rain in the evening.
25	+40	+31		SE	Cloudy, some rain.
26	+28	+30		SE	Cloudy.
27	+21	+24		NE	Clear.
28	+16	+18		NE	Clear.
29	+10	+20		NE	Clear.
30	+18	+22		NE	Clear.
31	+10	+16		W	Clear.

FOR FEBRUARY, 1777.					
Days of the Month.	Thermometer.		Snow Inches	Wind	Remarks.
	Morning	Evening			
	°	°			
1	+16	+ 2		NE	Clear, this night a little snow.
2	+32	+22		NE	Cloudy.
3	+12	+10		NE	Cloudy.
4	+ 2	+28	1½	W	Clear, snow in the night.
5	+32	+ 8		SW	Cloudy, some rain, wind high.
6	- 6	+ 6		NW	Clear.
7	+ 8	+20		NW	Clear.
8	+20	+22	2	SW	Cloudy.
9	+26	+28		NE	Cloudy.
10	+22	+30		SW	Clear.
11	+26	+24	½	NE	Cloudy.
12	+ 6	+ 4		NW	Clear.
13	at 0	+12			Clear, little or no-wind.
14	- 2	+20		NE	Clear.
15	+ 6	+12		NE	Clear.
16	+ 6	+20		NE	{ Clear, a large circle round the moon this evening.
17	+10	+22		NW	Clear.
18	+12	+ 8		NE	Cloudy.
19	at 0	+ 8		NE	Clear, little wind.
20	+ 2	+12		NE	Cloudy, a little snow in the night.
21	+12	+30	4	NE	Cloudy.
22	+28	+32		NE	Cloudy.
23	+28	+30		SE	Cloudy.
24	+26	+28		NE	Cloudy.
25	+22	+24		E	Clear.
26	+22	+32		NW	Clear.
27	+22	+12	some	NW	{ Cloudy, very little wind, and westerly in the evening.
28	+ 4	+ 8	2	NW	Clear.

FOR MARCH, 1777.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
1	- 4	+ 8		NW	Clear.
2	+ 2	+16		NE	Clear.
3	+ 8	+30		W	Clear.
4	+30	+10		W	Cloudy.
5	+ 6	+14		NW	Clear.
6	+12	+30		NW	Clear.
7	+28	+31		SW	Clear.
8	+26	+36		NW	Clear.
9	+32	+36		SW	Cloudy, with rain.
10	+36	+34		NW	Cloudy, with rain.
11	+28	+36		NW	Clear.
12	+36	+36		SW	Cloudy, with rain.
13	+28	+44		NW	Clear.
14	+32	+42		NW	Clear.
15	+38	+40		NE	Cloudy.
16	+38	+36		E	Cloudy, with thunder and rain.
17	+32	+32		NW	Clear.
18	+27	+32		NW	Clear.
19	+24	+32		NE	Clear.
20	+29	+36		E	{ Clear, wind high, and heavy rain, ice on the river begins to break up.
21	+33	+32	some	S	Cloudy.
22	+30	+27		W	Cloudy.
23	+34	+31	some	SW	Cloudy.
24	+32	+30		W	Cloudy.
25	+28	+24		NW	Cloudy.
26	+20	+21		NW	Cloudy.
27	+12	+14		NW	Clear.
28	+12	+18		NW	Clear.
29	+18	+24		W	Cloudy.
30	+28	+34	some	NW	Clear, some snow, with rain at night.
31	+30	+34		E	Cloudy.

