sea, 182 feet. For the month of November, 1870. By CHARLES SMALLWOOD, M.D., LL D., D.C.L.

80		eter cor at 32°	rrected	Temperature of the Air.			Direction of Wind.			Miles in 24
DAYS.	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.	hours.
1	29.862	29 911	29.942	31.9	52.2	41.3	w	w	w	201.10
2	.899	.784	.719	39.1	63.3	48.1	w	w bys	s w	97.44
3	.525	.624	.701	496	50.0	44.1	w by s		N	89 11
4	.901		30 001	31.9	51.7	41.3	N	wbyn	n byw	
5	.890	30 147	.338	43.6	62.2	39.9	w	N	w byn	64.10
6	30.800	.314	.311	28.7	43.1	30.2	NE	N E	NE	77.44
7		.251	.352	30.0	41.2	37.0	NE	n by E	NE	64 10
8	.098	20.977	29.851	35 2	35.0	41.0	NE	s w	s w	81.10
9	<b>29</b> 601	.502	.650	48 0		47.0	wsw	s w	w	121.14
10			30.250	32 0	51.2	34.0	wbyn	n by E	n by E	214.00
11	30.100	101	.100	26.1	52.0	40.1	nbyw	w	w	140.11
12	$29\ 985$			44.0		38.9	w byn	w	w	91.12
13		.744		55.7		39.0	) w	w byn	w	77.21
14		.668	.662	31.9	42.3	35.2	w	w	w	67 14
15	.633	.722	.801	33.0		35.1	wbyn	w	w	89 91
16		.886	.997	31 9	47.4	37.0	w	w	w	94 00
17			30.050	33.1	50.4	34 2	w	w	wsw	104 12
18	<b>2</b> 9.981			35 2	48.7	27.7	s byw	s by w	w	82 00
19	.697	.689	.746	23.2	42.2	27.6	w	w	w	211.12
20		.901	.874	22.6	29.1	33 0	wsw	w	w	201.00
21		30 101		36 0	38.6	28.0	w	w	w byn	79.97
	30.462	.279	.201	23.6	43.0	27.2	NE	NE	N E	80.24
23	29 501			29 2	32.1		NE	NE	NE	181.20
24	.751	.820	30 026	26.0	32 0	26.8	w	w	w	101.11
25	942	.861	29 847	34.0	38.2	36.2	w	s w	s w	84 29
26	.550	.502	.551	36 0	38.0	34.4	s w	w	w	69.42
27			.862	403	64 2	42.0	w	w	w	57.10
	30.190			35.0	48.0	36.4	w	N E	NE	80.00
29				32.1	38 4	33 1	NE	N	И	67.44
30	.411	.342	.250	20.0	38.0	29.2	W	W	s w	84.11
		l	l			<u> </u>				

The highest reading of the Barometer was on the 6th day, 30.500 inches, and the lowest was on the 23rd day, and was 29.469 inches, giving a monthly range of 1.031 inches. The highest temperature was on the 27th day, and was 64°2. The mean temperature of the month was 38°91, which is 6°61 higher than the *Isotherm* for Montreal for the month of November. Rain fell on five days, amounting to 1.335 inches. Snow fell on six days amounting to 2.10 inches. The rivers in the vicinity of Montreal are quite free from ice.

-Observations taken at Halifax, Nova Scotia, during the month of

—(Juset)	anons tak	ch at mai	max, Nova k	ocome, auring	, ше п	TOUGH OF
November,	1870; by S	Sergt. <b>J</b> ohn	Thurling, A	. H. Corps.		
Barometer,	highest rea	ding on t	he 22nd		30.415	inches.
,,	lowest	,, ,,			29.08	9
"	range of	ressure			1.32	6 .
17	mean for i	month red	uced to 32 $^{\circ}$	· )	29.64	9
Thermome	ter, highest	in shade i	was on the 3	3rd	61.6	degrees.
,,	lowest	.,	,, 23rd		180	
,,	range in n	nonth	<i></i>	<i></i>	43.6	
"	mean of al	l highest.			45 9	
,,	mean of a	ll lowest		<b></b>	30 <b>8</b>	
,,					15.1	
,,					38 <b>3</b>	
1)	maximum	in sun's ra	ys (black bu	ılb)	99 0	
,,					17.7	
Hygromete					40.9	
"				• • • • • • • • • • • • • • • • • • • •	38 5	
"					35.5	
"			our		20	-
11			ı a cubic foo			rains.
,,			aturate do		0.6	
,,	the figure	e of humidi	ty (Sat. 100	)) <b></b>	81	
,,	average v	weight of a	cubic foot	of air	549.6	
(1) Wind,	mean direc	tion of "	North			days.
"	,,	,,		• . • • • • • • •	0 00	
"	,,	"		• • • • • • • • • •	8.75	
,,	"	"		• • • • • • • • • • • • • • • • • • • •	9.50	
,,	,,,	, ,,		• . • • • • • • •	0.00	
"			-12		28	
			ement		458.34	miles.
			· · · · · · · · · · · · · · · · · · ·		8.0	
Ozone,	,,	,, (0-10)		•••••	1.8	_
					16	days.
					4	
Amount of	rain and n	nelted snov	collected.		6.18	inches.

## (1) The Anemometer is in position at the Citadel.

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