

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS NOVEMBER

19 92

AT/A

WINNIPEG INT'L AIRPORT

LAT		049° 054' N		LONG		097° 017' W		ELEVATION ALTIITUDE		240		METRES (ASL) MÈTRES (NMN)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL	
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS			REL HUMIDITY HUMIDITÉ REL		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP PRÉCIP TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	MAX 2 MIN MEAN SPEED 2 DIRECTION VITESSE MOYENNE MAX 2 MIN 2 DIRECTION	
	°C	°C	°C	BASE 18°C	BASE 5°C	BASE 18°C	%	%	mm	mm	mm	km/h		km/h			
1	5.1	-2.5	1.3	16.7			86	60				19.4	E	ESE	28	0.0	
2	1.0	-2.8	-0.9	18.9			93	64			2.2	22.7	NNE	NNE	32	0.0	
3	-0.4	-5.3	-2.9	20.9			93	86			5.4	31.3	NNE	N	41	0.0	
4	-2.0	-5.6	-3.8	21.8			93	74			0.6	25.5	N	N	33	1.8	
5	-5.3	-9.7	-7.5	25.5			86	73	TR	TR	TR	15.3	NNW	NNW	26	0.0	
6	-6.8	-9.2	-8.0	26.0			85	67	TR	TR	TR	10.3	S	S	26	1.9	
7	-5.5	-11.9	-8.7	26.7			93	79			TR	26.0	S	S	43	0.0	
8	-1.0	-6.6	-3.8	21.8			100	74			TR	18.5	SSE	S	24	0.0	
9	1.0	-1.4	-0.2	18.2			100	86	TR	4.2	4.2	13.0	SE	SSE	22	0.0	
10	0.9	-3.2	-1.2	19.2			100	80			14.6	22.7	NW	WNW	35	0.2	
11	1.3	-6.1	-2.4	20.4			93	75	0.2	TR	0.2	18.3	SSW	SSW	28	0.0	
12	0.7	-5.1	-2.2	20.2			86	69				18	W	NW	33	6.9	
13	-2.7	-6.4	-4.6	22.6			93	74			0.4	20.8	NW	NW	33	0.8	
14	-5.7	-16.2	-11.0	29.0			93	73			TR	12.3	W	WNW	20	5.2	
15	-6.3	-18.6	-12.5	30.5			100	73			3.4	10.8	S	SSE	22	0.0	
16	-3.4	-6.3	-4.9	22.9			100	80	0.2	2.2	2.4	13.3	E	E	20	0.0	
17	-3.6	-4.9	-4.3	22.3			100	86	TR	TR	TR	5.4	W*	S	9	0.0	
18	-0.6	-4.1	-2.4	20.4			93	86	TR	TR	TR	7.5	S	S	13	0.0	
19	-0.3	-8.4	-4.4	22.4			100	80			1.8	15.4	SE	SE	24	0.0	
20	-0.3	-4.8	-2.6	20.6			100	93			5.0	11.7	N	ESE	17	0.0	
21	-1.4	-2.7	-2.1	20.1			100	93			TR	12.1	S	N	20	0.0	
22	-0.9	-2.1	-1.5	19.5			93	80	TR	TR	TR	14.0	S	ESE	24	0.0	
23	-2.0	-4.0	-3.0	21.0			93	80	TR	TR	TR	7.4	SSE	SSE	17	0.0	
24	-3.4	-4.9	-4.2	22.2			100	86	0.2	TR	0.2	7.0	W*	N	24	0.0	
25	-2.7	-11.4	-7.1	25.1			100	68	TR	TR	TR	9.5	WSW	WSW	17	5.8	
26	-6.1	-14.9	-10.5	28.5			100	78				10.3	WNW	WNW	19	5.5	
27	-3.9	-14.8	-9.4	27.4			92	78				15.1	S	S	30	5.8	
28	-2.5	-12.0	-7.3	25.3			93	67				22.0	S	S	32	8.0	
29	-2.0	-8.2	-5.1	23.1			93	79			TR	24.8	NNW	NNW	41	0.0	
30	-0.1	-8.9	-4.5	22.5			100	73			TR	31.0	S	S	39	4.6	
31																	
MEAN MOYENNE	-2.0	-7.4	-4.7	681.7	0.0	0.0	95	77	0	0.6	39.8	39.4		16.6	PREVAILING DOMINANTE S	MAXIMALE S 43	TOTAL 46.5
NORMAL NORMALE	-0.3	-8.8	-4.5	676.0	3.8	0.0			0	5.5	21.9	25.2		19.4	S		90.7

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS

DAYS WITH TOTAL PRECIPITATION
JOURS AVEC PRÉCIPITATIONS
TOTALES

DAYS WITH SNOWFALL
JOURS AVEC CHÛTE DE NEIGE

BELOW 18°C AU-DESSOUS DE 18°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR PRÉCÉDENTE	NORMAL NORMALE	ABOVE 5°C AU-DESSUS DE 5°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR PRÉCÉDENTE	NORMAL NORMALE	mm									
								0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	3.0 OR MORE OU PLUS	4.0 OR MORE OU PLUS	5.0 OR MORE OU PLUS	6.0 OR MORE OU PLUS	7.0 OR MORE OU PLUS	8.0 OR MORE OU PLUS	9.0 OR MORE OU PLUS
TOTAL FOR MONTH TOTAL DU MOIS	681.7	794.7	676.0	TOTAL FOR MONTH TOTAL DU MOIS	0.0	0.0	3.8	12	8	7	1	0	10	8	7	1	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	1439.9	1505.9	1228.1	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1523.2	2024.4	1783.3										

UDC 551 508 1 ()

Note/Aviz

1 Climatological Day/Jourée climatologique 00 01 C ST - 23 00 C ST

2 Normal/Normale 1951-1980

3 TR = Trace

4 M = Missing/Manquant

5 No entry/Pas de valeur = No occurrence/Pas d'événement

6 * Indicates first of more than one prevailing direction and/or maximum 2 minute mean speed (see page 4)/Indique la première de plusieurs des directions dominantes et/ou la vitesse moyenne maximale sur 2 minutes (voir page 4)

7 C = Calm/Calm

8 Price single issue \$3.00 annual (Jan to Dec) \$29.50 /Prix numéro individuel \$3.00 annuel (janv à déc) \$29.50



DRY BULB TEMPERATURE SUMMARY
 SOMMAIRE DES TEMPERATURES DU THERMOMETRE SEC

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HOUR->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
D	-14	-12	-22	-22	-13	-13	-19	-20	-5	6	15	28	37	40	49	48	44	38	34	31	25	21	15	12	13
A	2	10	9	7	6	2	-5	-14	-24	-16	-9	-14	-15	-24	-23	-19	-17	-12	-10	-10	-11	-6	-3	-3	-9
T	3	-5	-16	-19	-21	-27	-28	-31	-30	-28	-29	-26	-24	-28	-31	-35	-39	-40	-41	-47	-52	-46	-37	-35	-31
E	4	-31	-33	-34	-34	-35	-35	-32	-30	-29	-36	-31	-29	-32	-31	-35	-38	-41	-44	-47	-49	-49	-50	-54	-36
	5	-56	-58	-61	-63	-65	-69	-71	-72	-73	-72	-71	-70	-69	-68	-68	-69	-72	-76	-78	-80	-88	-95	-89	-72
	6	-87	-81	-90	-90	-88	-88	-87	-85	-76	-79	-74	-71	-74	-73	-75	-76	-76	-78	-79	-81	-82	-83	-85	-81
	7	-86	-98	-107	-116	-118	-115	-105	-85	-88	-93	-87	-78	-65	-60	-55	-57	-58	-60	-62	-64	-65	-64	-63	-79
	8	-66	-61	-54	-51	-46	-43	-39	-38	-33	-28	-21	-17	-15	-13	-11	-14	-14	-13	-11	-14	-13	-14	-15	-27
	9	-14	-14	-14	-11	-8	-7	-8	-7	-10	-9	-7	-6	-1	4	5	6	6	7	7	8	7	8	9	-2
	10	4	4	1	1	1	0	-9	-12	-11	-10	-4	-1	4	7	8	8	7	3	3	-7	-14	-19	-20	-3
	11	-30	-43	-52	-58	-56	-48	-27	-19	-20	-10	4	3	6	8	5	8	10	7	-7	-12	-7	-4	-4	-14
	12	7	-10	-16	-18	-24	-25	-29	-44	-50	-46	-34	-29	-23	-21	-17	-27	-38	-34	-39	-35	-31	-30	-35	-29
	13	-29	-29	-35	-36	-40	-39	-46	-50	-46	-39	-35	-32	-31	-32	-35	-38	-42	-46	-48	-49	-51	-53	-58	-41
	14	-63	-65	-67	-65	-65	-64	-82	-94	-98	-97	-100	-97	-81	-79	-74	-72	-73	-78	-104	-117	-124	-118	-130	-87
	15	-159	-156	-158	-185	-174	-168	-162	-180	-181	-166	-142	-113	-106	-90	-80	-76	-71	-65	-67	-65	-65	-64	-64	-118
	16	-63	-60	-58	-58	-56	-56	-53	-51	-50	-45	-43	-42	-38	-35	-39	-39	-39	-37	-38	-39	-39	-36	-36	-45
	17	-37	-36	-40	-40	-44	-44	-46	-47	-48	-46	-42	-43	-39	-38	-36	-36	-38	-38	-36	-38	-39	-40	-39	-41
	18	-40	-39	-39	-36	-34	-32	-30	-25	-23	-18	-15	-13	-13	-14	-17	-20	-25	-25	-26	-27	-31	-29	-31	-26
	19	-31	-36	-41	-43	-50	-62	-70	-79	-72	-66	-46	-36	-20	-7	-4	-10	-11	-9	-8	-10	-10	-10	-10	-31
	20	-9	-10	-11	-11	-13	-12	-14	-14	-14	-10	-7	-7	-9	-14	-16	-18	-18	-26	-36	-39	-32	-28	-22	-17
	21	-21	-22	-21	-22	-22	-22	-23	-24	-26	-25	-22	-21	-18	-17	-15	-17	-19	-20	-19	-16	-17	-16	-15	-20
	22	-14	-12	-12	-14	-14	-14	-14	-11	-11	-10	-10	-10	-10	-14	-14	-14	-11	-13	-13	-13	-14	-15	-15	-13
	23	-20	-23	-25	-27	-30	-30	-32	-32	-33	-33	-31	-29	-29	-32	-33	-32	-35	-34	-33	-34	-35	-35	-36	-31
	24	-40	-42	-43	-40	-40	-38	-48	-43	-46	-46	-37	-35	-35	-36	-37	-38	-36	-38	-40	-42	-45	-48	-47	-41
	25	-44	-42	-39	-36	-35	-36	-35	-37	-34	-32	-29	-29	-36	-40	-49	-64	-83	-91	-94	-94	-106	-112	-112	-56
	26	-112	-117	-130	-138	-148	-144	-135	-123	-101	-108	-97	-84	-78	-67	-63	-71	-80	-87	-110	-136	-134	-98	-95	-105
	27	-88	-103	-102	-109	-134	-134	-143	-150	-148	-141	-126	-119	-112	-97	-87	-87	-94	-96	-100	-98	-100	-99	-101	-111
	28	-111	-115	-114	-118	-116	-116	-106	-112	-110	-102	-87	-79	-72	-47	-48	-53	-61	-58	-63	-50	-56	-64	-42	-81
	29	-25	-30	-25	-20	-22	-30	-33	-38	-41	-45	-50	-53	-54	-54	-57	-68	-73	-77	-81	-79	-77	-74	-72	-51
	30	-62	-62	-62	-66	-77	-84	-82	-87	-83	-78	-77	-69	-62	-53	-50	-52	-54	-54	-50	-43	-29	-21	-10	-59
MEAN	-45	-47	-49	-51	-53	-53	-54	-55	-54	-51	-46	-41	-37	-34	-33	-33	-36	-38	-40	-44	-46	-46	-45	-44	-45
MOYENNE																									

*TEMPERATURES IN TENTHS OF DEGREES CELSIUS
 *TEMPERATURES EN DIXIEME DEGRES CELSIUS

1

WIND SUMMARY
SUMMAIRE DES VENTS

WINNIPEG INT'L AIRPORT

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HOUR ->	DIR.																								PEAK WIND SPEED	TIME
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
D 1	E	E	ESE	ESE	E	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	E	E	E	E	32	09:30
A 2	E	E	E	E	E	ENE	NE	NNE	NNE	NE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	39	17:43
O 3	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	57	18:02
F 4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	48	01:32
M 5	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	33	17:48
O 6	NW	N	W	C	C	C	C	C	C	W	W	SSW	SSW	SSW	SSE	SSE	S	S	S	S	S	S	S	S	54	12:31
N 7	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	37	08:40
T 8	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	46	20:31
H 9	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	48	06:28
10	S	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	46	00:19
11	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	46	20:31
12	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	46	00:19
13	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	46	00:19
14	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	46	00:19
15	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	46	00:19
16	ESE	ESE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	46	00:19

Highlights for November, 1992

November was cloudy and snowy but not very windy.

The mean temperature for the month was a mere 0.2 degrees below normal. Cloudy skies at night acted as a thermal blanket and kept minimum temperatures above normal by 1.4 degrees. However, that same blanket of cloud prevented the sun from imparting what little energy it has in November, and kept maximum temperatures below the monthly average by 1.7 degrees.

Total sunshine was only 46.5 hours which makes November, 1992 the 5th cloudiest this century. The sun failed to make an appearance on 19 days during November, 10 of which were consecutive - a new record for any month.

The snowfall total of 39.8 cm was almost twice the normal of 21.9 cm, while rainfall of 0.6 mm was a small fraction of the normal of 5.5 mm. Snow fell in bunches. Two-day totals on the 2nd/3rd, 9th/10th, 15th/16th and 19th/20th were 7.6, 18.8, 5.6 and 6.0 cm respectively.

The mean wind of 16.8 km/h almost 3 km/h lighter than the normal of 19.4 km/h. In fact, the average wind speed was less than 10 km/h 5 days during the month including a mean wind of only 4.3 km/h on the 17th.