



# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MARCH / MAR

19 86

AT/A WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION ALTITUDE 239.6 METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED: CENTRAL													
DATE	TEMPERATURE TEMPERATURE			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	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	mm	cm	mm	cm	km/h	km/h	HOURS HEURES					
1	-1.4	-7.6	-4.5	22.5		100	90			TR.	TR.	TR.	15	12.2	S	S 20	0.0		
2	2.0	-5.1	-1.6	19.6		97	87				TR.	TR.	15	13.6	NW	NW 22	0.0		
3	2.7	-6.8	-2.1	20.1		99	68		TR.		TR.	TR.	13	14.9	WNW	NW 26*	7.8		
4	-4.3	-12.2	-8.3	26.3		88	72				0.4	0.4	11	17.3	NNE	NNE30*	1.1		
5	-6.5	-16.7	-11.6	29.6		90	74		TR.		TR.	TR.	11	14.5	S	N 28	0.4		
6	-9.4	-24.4	-16.9	34.9		80	49				TR.	TR.	11	24.8	NW	NNW41	9.4		
7	-13.9	-26.7	-20.3	38.3		80	54				TR.	TR.	11	19.8	SSE	SSE37	2.2		
8	-7.1	-14.1	-10.6	28.6		96	81		TR.		9.6	9.6	11	23.8	ESE	SSE37	0.0		
9	-5.4	-15.7	-10.6	28.6		93	82						22	10.5	NW	NNW17*	0.1		
10	-3.6	-18.8	-11.2	29.2		93	67				TR.	TR.	21	7.5	S	SSE17	7.7		
11	-2.1	-12.9	-7.5	25.5		92	77						20	9.1	N	N 17*	9.8		
12	0.2	-16.5	-8.2	26.2		91	79						19	6.3	N	N 11	10.5		
13	1.9	-9.5	-3.8	21.8		93	80						19	7.2	N	NNE15	6.5		
14	2.6	-10.0	-3.7	21.7		95	78						16	7.3	WNW	WNW13	9.8		
15	7.3	-3.8	1.8	16.2		88	51						14	4.5	S	W 09	5.9		
16	4.3	-2.2	1.1	16.9		100	78		TR.		TR.	TR.	10	15.7	S	S 22	4.0		
17	-0.6	-6.3	-3.5	21.5		97	82		TR.		TR.	TR.	07	9.0	NW	NNW19*	6.4		
18	0.7	-12.1	-5.7	23.7		96	63				TR.	TR.	06	15.0	N	NNW35	4.4		
19	-12.1	-18.1	-15.1	33.1		78	50						05	19.0	N	N 30*	11.0		
20	-0.2	-18.5	-9.4	27.4		92	67						05	14.7	S	S 26	9.9		
21	5.8	-6.9	-0.6	18.6		96	71						05	22.4	SSE	SSE43	9.4		
22	8.9	-3.5	2.7	15.3		92	63				0.2	0.2	03	26.5	W	W 37	10.7		
23	-2.8	-15.1	-9.0	27.0		89	59		0.2		TR.	TR.	01	22.7	NNW	N 37	10.2		
24	4.7	-4.1	0.3	17.7		94	65				TR.	TR.	TR	20.5	S	S 33	8.2		
25	2.7	-6.7	-2.0	20.0		99	72		TR.		4.0	3.7	TR	18.2	W	W 31	0.0		
26	0.0	-9.9	-5.0	23.0		88	43				0.2	0.2	01	18.8	NW	NNW37*	10.7		
27	8.5	-2.5	3.0	15.0		97	71						TR	26.0	S	S 37*	9.3		
28	11.9	3.0	7.5	10.5	2.5	89	50							13.8	WNW	W 26	9.9		
29	10.0	2.7	6.4	11.6	1.4	100	64		1.4			1.4		14.0	ESE	NW 20*	4.2		
30	11.3	1.3	6.3	11.7	1.3	97	52		TR.			TR.		13.7	W	SE 28	6.2		
31	10.1	3.5	6.8	11.2	1.8	100	55		1.4			1.4		22.4	WNW	WNW43	3.7		
MEAN MOYENNE	0.8	-9.6	-4.4	TOTAL 693.3	TOTAL 7.0	93	68	TOTAL 0	TOTAL 3.0	TOTAL 14.2	TOTAL 16.9		15.6	S DOMINANTE	MAXIMUM WNW43	TOTAL 189.4			
NORMALE	-2.8	-13.5	-8.2	811.3	1.6			0.1	3.3	21.1	22.7		19.3	S		176.2			
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION. JOURS AVEC PRÉCIPITATIONS TOTALES mm					DAYS WITH SNOWFALL. JOURS AVEC CHÛTE DE NEIGE cm				
BELOW 18°C AU-DESSOUS DE 18°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMALE	ABOVE 5°C AU-DESSUS DE 5°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMALE	0.2 OR MORE - OU PLUS	1.0 OR MORE - OU PLUS	2.0 OR MORE - OU PLUS	10.0 OR MORE - OU PLUS	50.0 OR MORE - OU PLUS	0.2 OR MORE - OU PLUS	1.0 OR MORE - OU PLUS	2.0 OR MORE - OU PLUS	10.0 OR MORE - OU PLUS	50.0 OR MORE - OU PLUS		
TOTAL FOR MONTH TOTAL DU MOIS	693.3	643.9	811.3	TOTAL FOR MONTH TOTAL DU MOIS	7.0	0.0	1.6	7	4	2	0	0	4	2	2	0	0		
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 <sup>er</sup> JUILLET	5325.7	5139.9	5194.5	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 <sup>er</sup> AVRIL	1605.5	1873.2	1784.9												

UDC 551.506.1 (

\*) INDICATES MORE THAN ONE OCCURENCE OF THE SPEED BUT NOT NECESSARILY THE DIRECTION.  
 ! ACTUAL SPEED IS 50 KMH GREATER THAN INDICATED.

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HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MARCH LOCAL STANDARD TIME

ALL TEMPERATURES IN DEGREES CELSIUS

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	-5.8	-5.9	-5.9	-6.4	-6.3	-7.0	-7.1	-7.3	-6.0	-4.7	-4.8	-4.7	-4.0	-3.8	-3.0	-2.0	-2.3	-1.9	-2.5	-3.5	-5.6	-6.6	-7.0	-3.2	
2	-3.1	-3.0	-6.1	-4.6	-3.1	-3.1	-2.0	-2.0	-0.9	0.1	0.6	0.8	1.1	1.5	1.6	1.4	1.1	1.4	1.3	0.8	1.0	0.9	0.9	0.7	
3	0.9	0.8	0.5	0.2	0.2	0.3	0.4	0.4	0.4	0.1	0.3	0.8	1.1	1.8	2.0	2.2	2.2	2.4	2.1	0.5	-1.6	-3.5	-5.1	-6.1	
4	-6.7	-7.4	-8.6	-9.3	-10.5	-11.2	-11.4	-10.3	-9.7	-9.7	-9.2	-8.4	-6.9	-5.6	-5.1	-4.8	-6.4	-6.9	-7.5	-7.3	-7.9	-8.5	-9.0	-9.6	
5	-10.7	-12.4	-13.7	-13.8	-13.5	-13.5	-15.3	-16.4	-15.8	-14.9	-13.8	-12.7	-11.9	-10.2	-9.4	-9.8	-9.6	-9.0	-8.6	-7.9	-6.8	-7.7	-9.7	-10.1	
6	-9.4	-10.9	-12.0	-13.2	-14.7	-14.8	-16.3	-18.6	-18.2	-18.4	-18.3	-18.7	-18.2	-18.2	-18.1	-18.3	-18.3	-18.7	-19.5	-20.7	-21.4	-22.7	-24.0	-24.2	
7	-24.4	-25.3	-25.6	-26.2	-25.4	-25.1	-25.9	-26.6	-25.9	-21.9	-20.7	-19.8	-18.7	-18.5	-18.2	-17.2	-16.9	-16.7	-16.5	-16.3	-15.9	-15.5	-15.1	-14.6	
8	-14.1	-13.5	-12.9	-12.3	-11.5	-10.5	-10.3	-10.2	-9.9	-9.2	-9.3	-8.7	-8.6	-9.0	-8.8	-7.9	-7.7	-7.6	-7.6	-7.7	-7.7	-7.7	-7.7	-7.5	
9	-7.4	-7.2	-7.0	-7.2	-7.2	-7.5	-7.7	-7.9	-8.1	-7.9	-7.7	-7.4	-7.0	-6.7	-6.3	-6.0	-5.7	-6.8	-8.5	-10.5	-11.3	-13.4	-14.0	-15.2	
10	-15.4	-16.9	-17.5	-17.6	-17.9	-18.3	-18.2	-17.7	-14.4	-11.1	-9.9	-8.7	-7.1	-5.9	-5.0	-4.4	-3.9	-4.0	-4.2	-4.1	-4.3	-4.1	-3.9	-4.0	
11	-3.9	-3.9	-3.7	-4.1	-4.7	-4.7	-4.9	-6.3	-8.4	-7.4	-6.2	-5.3	-5.4	-4.1	-3.1	-2.5	-2.5	-2.9	-3.7	-8.1	-9.8	-10.0	-12.0	-12.8	
12	-11.2	-11.5	-12.2	-14.5	-14.0	-15.9	-15.7	-15.7	-14.5	-13.9	-11.9	-8.3	-6.6	-4.6	-3.6	-2.7	-1.5	-0.1	-3.7	-3.9	-4.1	-5.3	-7.2	-6.8	
13	-8.2	-8.6	-8.8	-9.4	-8.4	-8.0	-7.9	-7.4	-5.0	-5.4	-3.2	-1.6	0.1	0.6	1.1	1.5	1.5	0.9	0.1	-1.3	-3.7	-4.6	-5.6	-5.8	
14	-5.1	-6.2	-7.8	-8.1	-7.6	-9.0	-8.9	-9.9	-8.0	-6.7	-4.0	-3.4	-1.5	-0.3	1.1	2.1	2.3	2.0	1.3	-0.2	1.0	-0.2	-1.4	-3.1	
15	-3.6	-3.1	-3.0	-2.7	-3.0	-3.0	-3.0	-2.4	-1.5	0.2	1.2	0.8	1.5	5.6	5.8	6.3	6.5	6.1	4.0	2.4	0.8	0.8	-1.0	-1.5	
16	-1.2	-0.2	0.4	-2.2	-2.0	-1.8	-1.4	-1.8	-1.4	-0.4	1.1	2.3	3.6	3.2	2.8	2.5	2.7	2.5	2.3	2.2	2.2	1.4	0.2	-0.2	-0.6
17	-1.0	-1.2	-1.3	-2.0	-2.3	-3.8	-5.1	-6.3	-5.8	-4.8	-4.8	-4.2	-4.0	-3.5	-2.7	-2.4	-2.0	-1.9	-2.2	-3.2	-4.2	-4.8	-5.0	-5.5	
18	-5.7	-6.8	-6.6	-6.7	-7.6	-8.2	-9.0	-6.8	-4.5	-4.4	-3.8	-1.4	-1.1	0.4	-0.5	-1.0	-1.8	-2.7	-4.4	-6.8	-8.5	-10.1	-10.9	-11.5	
19	-12.1	-13.0	-13.8	-14.8	-15.4	-16.1	-16.8	-17.7	-17.9	-17.8	-17.3	-16.4	-16.2	-14.8	-14.1	-13.9	-13.3	-13.2	-13.4	-14.8	-15.7	-16.1	-16.7	-16.6	
20	-16.9	-17.1	-17.2	-17.8	-18.3	-18.3	-17.7	-17.5	-15.5	-12.6	-10.4	-7.5	-5.2	-4.2	-2.2	-1.8	-0.5	-0.5	-0.8	-1.8	-2.6	-1.8	-1.4	-1.0	
21	-1.0	-1.5	-3.4	-4.4	-5.2	-6.4	-6.3	-6.9	-4.3	-1.9	0.1	1.0	2.6	3.2	3.8	3.7	4.5	4.4	3.3	2.7	2.5	2.8	3.9	5.2	
22	4.6	5.5	5.9	5.9	7.4	5.1	4.4	3.6	3.6	4.0	4.9	5.3	5.9	6.3	7.2	6.4	7.0	6.6	5.9	5.0	2.1	-0.9	-1.1	-2.8	
23	-3.5	-5.7	-8.7	-8.7	-11.0	-12.8	-13.9	-15.0	-14.8	-14.3	-13.1	-12.0	-10.4	-9.8	-8.6	-7.7	-7.0	-6.6	-6.7	-6.7	-6.1	-5.4	-4.8	-3.8	
24	-2.9	-2.4	-1.6	-1.0	-1.1	-0.8	-0.9	-0.2	-1.0	0.4	0.6	1.9	2.1	2.6	3.3	2.9	4.2	2.4	1.2	0.2	0.1	0.5	1.5	1.1	
25	1.0	0.5	0.3	0.2	-0.1	0.0	0.0	0.0	-0.6	-1.3	-1.0	-0.8	-0.1	0.7	1.9	2.5	1.9	1.4	0.3	-1.1	-2.3	-2.8	-5.6	-6.6	
26	-6.4	-6.3	-6.1	-5.7	-6.6	-7.5	-8.8	-9.7	-9.4	-8.0	-6.7	-5.9	-4.8	-3.0	-2.4	-1.7	-1.0	-0.6	-0.7	-2.1	-2.4	-2.4	-2.3	-2.1	
27	-1.7	-1.3	-0.7	-0.3	0.2	0.6	0.5	0.4	1.4	2.2	4.1	5.0	5.0	6.1	7.1	7.5	8.2	7.8	7.6	6.5	6.2	5.9	6.0	4.9	
28	5.2	5.7	7.6	7.5	8.6	7.4	7.8	5.6	5.7	6.5	8.7	9.7	10.5	11.5	11.0	11.3	10.2	10.7	10.3	7.9	8.2	6.2	3.6	3.9	
29	3.9	3.9	4.6	4.5	4.9	5.2	4.3	4.2	4.4	6.0	8.2	8.6	8.3	8.8	7.2	5.5	4.8	5.0	4.5	3.8	3.7	3.3	3.3	3.4	
30	3.2	3.0	2.7	2.6	1.6	1.6	1.4	2.0	3.2	4.6	6.5	8.0	9.0	10.5	10.2	10.8	10.6	10.2	9.4	9.0	8.9	8.9	8.3	8.2	
31	7.9	8.2	8.9	7.5	7.3	6.6	6.6	6.5	6.7	6.0	6.3	5.6	6.7	8.7	7.4	7.9	9.5	9.7	8.6	7.0	6.0	4.8	5.0	4.4	

MEAN	-5.0	-5.3	-5.6	-6.0	-6.0	-6.5	-6.7	-7.0	-6.3	-5.4	-4.3	-3.4	-2.6	-1.6	-1.2	-1.0	-0.7	-0.9	-1.6	-2.6	-3.2	-3.9	-4.5	-4.6
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MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS.

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	-4.9	0.1	-11.5	-20.5	-8.4	-4.0	-4.0	0.6	-5.8	-5.8	-4.0	0.6	-3.5	-15.3	-8.8	0.1	4.5	-9.0	-0.5	-4.7	8.0	5.2	3.7	-0.5	-4.7	8.0	5.2	3.7	7.1	7.1	6.4

