



# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS APRIL / AVRIL

19 84

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÈTRES (NMM)		STANDARD TIME USED: CENTRAL HEURE NORMALE UTILISÉE:														
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 HEURES HEURES				
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION					
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%		mm	cm	mm		km/h		km/h					
1	11.2	-5.0	3.1	14.9		90	39						6.9	WNW	NW 13*	10.8				
2	14.0	-3.0	5.5	12.5	0.5	89	29						7.0	WNW	NW 13*	11.8				
3	14.2	-0.7	6.8	11.2	1.8	81	30						8.1	S	NNW 17*	9.2				
4	15.0	0.5	7.8	10.2	2.8	81	36		Tr.		Tr.		7.3	SSW	NNW 17	6.6				
5	17.4	-0.9	8.3	9.7	3.3	89	35						11.1	S	S 20	10.9				
6	17.3	1.7	9.5	8.5	4.5	78	26						18.5	S	SSE 30	10.2				
7	17.2	4.5	10.9	7.1	5.9	56	32		Tr.		Tr.		28.7	SSE	S 46	4.3				
8	13.0	5.7	9.4	8.6	4.4	82	52		0.4		0.4		29.4	S	S 37*	1.5				
9	15.1	6.3	10.7	7.3	5.7	74	39						27.8	SSE	SSE 39*	4.0				
10	12.3	6.2	9.3	8.7	4.3	97	59		5.0		5.0		28.8	SSE	SSE 39	0.0				
11	8.0	5.8	6.9	11.1	1.9	100	92		8.2		8.2		20.8	SE	SE 30	0.0				
12	14.2	0.2	7.2	10.8	2.2	94	56		3.4		3.4		19.0	ESE	N 28*	3.2				
13	18.5	-2.3	8.1	9.9	3.1	92	33						15.9	N	NNW 28	8.8				
14	14.0	-1.3	6.4	11.6	1.4	96	43						23.7	N	N 35	12.9				
15	14.9	-2.9	6.0	12.0	1.0	94	29						19.3	N	N 30	12.9				
16	16.6	-4.7	6.0	12.0	1.0	95	17						10.5	NE	NE 19*	13.1				
17	15.4	-3.0	6.2	11.8	1.2	66	13						9.1	ESE	ESE 17	13.2				
18	20.5	-3.3	8.6	9.4	3.6	73	14						9.4	ENE	E 19*	13.4				
19	22.5	-1.7	10.4	7.6	5.4	69	15						9.6	E	ESE 19	13.3				
20	23.5	2.3	12.9	5.1	7.9	64	15						10.0	S	ESE 22	13.4				
21	21.9	1.8	11.9	6.1	6.9	68	20						11.4	S	S 19	13.3				
22	21.7	-0.4	10.7	7.3	5.7	51	13						13.0	S	S 26	13.1				
23	21.1	5.8	13.5	4.5	8.5	71	24						15.2	S	W 33	10.5				
24	13.8	6.1	10.0	8.0	5.0	85	43		0.8		0.8		13.0	W	WNW 22	0.4				
25	16.0	3.0	9.5	8.5	4.5	88	44						18.9	W	NNW 31	8.6				
26	5.9	0.5	3.2	14.8		97	73	1	8.3	Tr.	8.3		38.8	N	N 54	0.0				
27	2.0	-2.8	-0.4	18.4		98	93		16.8	0.4	17.0		44.0	NNE	NNE 56*	0.0				
28	-1.0	-5.7	-3.4	21.4		97	70			4.4	3.8	4	27.5	WNW	NW 46	0.4				
29	3.2	-5.2	-1.0	19.0		86	62					1	15.6	W	NW 26*	8.0				
30	6.4	-2.2	2.1	15.9		83	35			Tr.	Tr.	Tr.	26.0	NW	NW 43	5.4				
31																				
MEAN MOYENNE	14.2	0.2	7.2	TOTAL 323.9	TOTAL 92.5	83	39	TOTAL 1	TOTAL 42.9	TOTAL 4.8	TOTAL 46.9		18.1	PREVAILING DOMINANTE S	MAXIMUM NNE 56	TOTAL 233.2				
NORMAL NORMALE	8.9	-2.2	3.4	439.4	50.0	85	42	0.7	27.1	11.3	38.5		20.9	S	59	219.8				
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	NORMAL NORMALE	ABOVE 5°C AU-DESSUS DE 5°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMAL NORMALE	0.2 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE	0.2 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE			
TOTAL FOR MONTH TOTAL DU MOIS	323.9	445.1	439.4	TOTAL FOR MONTH TOTAL DU MOIS	92.5	37.1	50.0	0	0	0	1	0	2	1	1	0	0			
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> JUILLET	5258.6	5106.2	5633.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> AVRIL	92.5	37.1	50.0	8	6	6	1	0	2	1	1	0	0			

CLIMATOLOGICAL SUMMARY FOR APRIL 1984

AT WINNIPEG, MANITOBA

The month was warm with a mean temperature of 7.2°C. The month was also dry up until the last weekend when 29.1 mm of rain and snow fell bringing the monthly total to above normal with 46.9 mm. Sunshine was above normal with 233.2 hours while winds for the 15th consecutive month were below normal. The Red and Assiniboine Rivers were clear of ice on April 10th.

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DAILY WEATHER SUMMARY FOR APRIL 1984

AT WINNIPEG, MANITOBA

1. Mild. Mostly sunny. Light winds.
2. Mild. Mostly sunny. Light winds.
3. Mild. Partly cloudy. Light winds.
4. Mild. Partly cloudy. Mostly light winds. Showers in the afternoon.
5. Mild. Mostly sunny. Light winds.
6. Mild. Mostly sunny. Mostly light winds.
7. Mild. Partly cloudy. Showers in the evening.
8. Mild. Mostly cloudy. Showers and rain in the morning. Moderate winds.
9. Mild. Record high minimum temperature. Partly cloudy. Moderate winds.
10. Mild. Cloudy. Rain in the afternoon continued. Moderate winds. Light fog in the evening.
11. Mild. Cloudy. Rain and drizzle in the morning continued. Light fog. Moderate winds.
12. Mild. Cloudy clearing in the late afternoon. Rain until early afternoon. Light fog. Mostly light winds.
13. Mild. Partly cloudy. Mostly light winds.
14. Above normal temperatures. Mostly sunny. Moderate winds.
15. Above normal temperatures. Mostly sunny. Mostly light winds. Brush and grass fires keep firemen busy.
16. Above normal temperatures. Mostly sunny. Mostly light winds.
17. Above normal temperatures. Mostly sunny. Light winds.
18. Above normal temperatures. Mostly sunny. Mostly light winds.
19. Mild. Sunny. Light winds.
20. Mild. Sunny. Mostly light winds. Brush fires continued.
21. Mild. Sunny. Light winds.
22. Mild. Sunny. Mostly light winds.
23. Mild. Mostly sunny. Mostly light winds.
24. Above normal temperatures. Mostly cloudy. Showers in the late morning to mid afternoon. Mostly light winds.
25. Above normal temperatures. Partly cloudy. Mostly light winds.
26. Cool. Cloudy. Thunder in the evening. Rain, drizzle, Showers in the afternoon on. Ice pellets in the evening. Moderate winds. Snow late evening.
27. Cold. Cloudy. Rain, snow, freezing rain, freezing drizzle, ice pellets in the morning to evening. Light fog in the morning. Strong winds. Severe snow and ice storm swept through southern Manitoba.
28. Cold. Cloudy. Snow flurries to late afternoon. Blowing snow in the morning. Moderate winds.
29. Cold. Partly cloudy. Mostly light winds.
30. Cold. Partly cloudy. Snow in the morning and late evening. Moderate winds.

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.	-5.2	-4.0	-5.1	-5.3	-5.8	-5.3	-5.3	-4.4	-2.0	-2.1	-3.3	-2.4	-3.2	-3.1	-3.3	-1.9	-3.4	-3.5	-2.8	-2.7	-1.2	-2.7	-3.5	-4.7
2.	-4.5	-4.6	-4.4	-4.4	-5.0	-5.0	-5.0	-3.6	-1.9	-1.1	-2.6	-3.8	-3.2	-2.7	-3.3	-3.8	-3.9	-5.4	-2.7	-1.8	-2.6	-3.3	-4.1	-4.1
3.	-3.2	-2.7	-3.7	-3.4	-3.5	-3.2	-2.4	-2.6	-1.4	-1.6	-1.9	-2.6	-2.4	-2.2	-3.5	-3.4	-3.4	-2.9	-4	-1	-1.1	-1.5	-1.9	-1.4
4.	-1.9	-2.6	-3.0	-3.1	-2.8	-3.0	-2.4	-1.5	-1.5	-1.2	.8	1.4	-1.0	-1.9	.5	.9	-2.0	-1.3	1.5	1.4	.8	.6	.8	.1
5.	-6	-5	-7	-1.1	-1.1	-1.4	-1.9	-1.3	.6	.6	1.2	1.5	1.5	.6	.5	.2	.6	.5	.6	.5	.4	.5	.4	-1
6.	-5	-1	-1	-1.0	-1.1	-1.2	-1.1	-4.4	.6	1.5	2.3	.5	-7	-7	-8	-7	-2.5	-3.3	-3.5	-3.5	-2.4	-1.5	-2.8	-3.4
7.	6.3	-4.8	-4.7	-4.5	-3.7	-3.3	-3.1	-4.3	-4.9	-5.0	-4.1	-2.8	-1.9	-1.0	-7	-7	-1.8	-1.8	-1.0	-9	-5	-5	-2	-2
8.	1.5	2.3	2.3	3.3	4.0	3.8	3.4	3.1	2.8	3.2	2.6	2.0	1.6	1.9	3.9	3.1	3.7	3.8	4.0	3.5	3.0	2.6	2.7	3.1
9.	3.2	2.4	2.0	2.3	2.3	1.4	.1	-1.2	-1.3	-4	-1.2	-1.6	-7	.2	.6	1.0	1.9	2.9	3.3	3.6	3.1	3.4	3.0	2.9
10.	3.1	2.8	3.1	1.5	1.5	1.6	1.8	1.3	1.2	2.1	3.3	3.4	4.0	4.5	5.2	5.1	5.1	5.5	6.7	6.5	5.8	5.2	5.4	5.5
11.	6.1	6.6	6.3	6.5	6.6	6.9	6.8	6.8	6.5	6.2	6.5	6.4	6.1	6.5	6.8	7.3	6.7	6.4	6.7	6.4	6.4	5.3	5.4	5.3
12.	5.3	5.0	4.6	4.0	3.5	3.3	3.5	3.8	3.8	4.0	4.0	4.2	4.3	6.2	4.8	4.0	4.8	4.5	4.6	4.0	3.3	1.7	-5	-6
13.	-1.5	-2.0	-1.5	-2.7	-2.7	-2.6	-1.9	-2	.8	1.2	2.0	3.0	2.8	3.8	3.6	4.0	1.7	1.3	2.3	3.5	3.7	2.7	2.2	1.8
14.	.9	.6	.2	.7	.9	1.1	-1.2	-2	.7	.9	1.6	1.3	1.3	1.4	.5	.6	.6	.5	.4	.2	.6	-.9	-1.5	-2.6
15.	-2.8	-2.9	-3.1	-3.4	-3.6	-3.2	-3.3	-1.8	-1.0	-3.3	.3	.2	-4.4	-2	-1.5	-1.8	-3.3	-4.0	-2.9	-4.4	-6	-1.1	-2.9	-2.3
16.	-2.6	-3.1	-2.1	-3.3	-4.2	-4.7	-4.7	-1.7	-1.7	-5	-1.1	-2.6	-5.3	-5.1	-3.3	-7.6	-7.8	-8.7	-7.7	-4.3	-4.2	-4.5	-4.2	-4.6
17.	-4.8	-6.6	-8.2	-8.3	-8.6	-8.9	-8.5	-7.0	-9.9	-12.3	-12.6	-12.6	-12.6	-11.6	-12.2	-13.1	-12.1	-11.8	-12.7	-9.9	-7.8	-7.5	-7.9	-8.6
18.	-8.4	-8.2	-8.4	-8.3	-6.5	-5.9	-6.9	-1.6	-1.4	-10.3	-10.0	-11.3	-9.8	-9.5	-9.3	-7.3	-6.6	-6.6	-6.8	-6.7	-5.2	-6.7	-6.9	-7.2
19.	-8.3	-8.6	-8.6	-8.2	-7.1	-7.3	-6.4	-3.2	-5.6	-4.3	-4.5	-4.2	-3.9	-6.2	-6.7	-6.2	-5.9	-5.9	-6.6	-6.6	-3.0	-2.9	-3.0	-4.3
20.	-4.1	-1.7	-3.6	-3.2	-3.6	-4.5	-4.9	-3.2	-1.9	.2	-1.0	-1.1	-3.9	-3.7	-4.9	-4.4	-4.3	-4.5	-4.5	-2.1	-2.3	-2.5	-2.8	-4.2
21.	-5.1	-3.6	-3.3	-3.3	-2.7	-3.0	-3.3	-6	-7	0.0	.5	.3	-5	-1.2	-1.8	-1.7	-1.6	-2.7	-3.5	-2.8	-5.9	-5.4	-4.3	-5.4
22.	-8.0	-8.5	-8.2	-8.6	-8.0	-8.0	-7.2	-5.7	-4.9	-4.9	-6.1	-8.6	-7.4	-7.6	-7.5	-8.6	-9.1	-8.9	-9.7	-9.2	-9.9	-10.0	-10.3	-10.3
23.	-8.7	-7.8	-6.3	-3.5	-1.1	.7	1.5	2.3	3.9	4.1	2.1	1.2	.2	-2.2	-2	.8	-2	.3	.2	.6	-3	-1.1	-1.9	-8
24.	.1	.3	.9	1.1	2.7	3.2	4.2	5.5	4.7	4.1	3.7	5.0	5.7	6.2	6.1	6.6	6.5	6.1	2.5	5.7	6.4	5.8	5.1	1.2
25.	.8	1.3	2.4	2.0	2.4	1.5	1.8	1.7	2.1	3.9	3.6	3.8	3.1	3.5	2.5	2.1	2.5	3.1	2.2	.6	1.3	.7	.8	.7
26.	-2	0.0	.3	-.3	-.2	.6	.3	.4	.3	.2	.7	.8	1.3	3.1	2.7	2.2	1.2	.8	1.1	1.4	.8	.6	.6	.3
27.	-2	-2	-5	-5	-3	-5	-7	-6	-8	-8	-5	0.0	.5	.5	.5	1.0	1.0	.9	.7	.6	.2	-2	-1.6	-2.8
28.	-3.4	-4.1	-4.8	-6.0	-6.4	-6.8	-7.3	-6.9	-6.5	-6.3	-6.2	-6.7	-6.2	-5.8	-6.6	-5.4	-4.7	-5.0	-6.0	-5.7	-5.6	-5.8	-5.9	-5.9
29.	-6.3	-6.0	-6.6	-7.0	-6.1	-6.6	-7.2	-7.2	-5.8	-5.4	-4.5	-4.2	-4.3	-4.1	-4.0	-3.4	-4.0	-4.5	-4.8	-4.6	-3.6	-3.4	-3.6	-3.3
30.	-3.9	-3.8	-4.5	-4.9	-4.8	-4.9	-4.5	-4.7	-4.9	-5.2	-5.0	-5.8	-4.5	-6.1	-7.3	-8.4	-8.8	-5.4	-6.6	-7.3	-9.9	-9.2	-8.5	-5.5

MEAN -1.8 -2.1 -2.2 -2.4 -2.1 -2.1 -2.1 -1.2 -1.2 -1.2 -1.1 -1.2 -1.2 -1.5 -1.6 -1.4 -1.4 -1.0 -1.3 -1.7 -1.9

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	-3.5	-3.5	-2.2	-2.8	.1	-1.0	-2.0	3.0	1.4	3.8	6.4	3.8	1.1	.1	-1.8	-4.0

NOTE: AS OF JANUARY 1 1983, HOURLY DEWPOINT TEMPERATURES HAVE REPLACED HOURLY WETBULB TEMPERATURES IN THIS PUBLICATION.

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MEAN	-9.7	-7.2	-5.7	-3.1	-2.5	-8.1	-7	4.1	2.1	.8	-1	-5.7	-4.9	-5.9

