



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

JANUARY / JANVIER

19 85

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÉTRES (NMM)		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 HEURES				
	MAXIMUM MAXIMALE °C	MINIMUM MINIMALE °C	MEAN MOYENNE °C	HEATING DE CHAUFFÉE BASE 18.0°C	GROWING DE CROISSANCE BASE 5.0°C	MAXIMUM MAXIMALE %	MINIMUM MINIMALE %		RAINFALL PLUIE (HAUTEUR) mm	SNOWFALL NEIGE (HAUTEUR) cm	TOTAL PRECIP. PRÉCIP. TOTALE mm		AVERAGE SPEED VITESSE MOYENNE km/h	PREVAILING DIRECTION DIRECTION DOMINANTE		MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION km/h			
1	-24.3	-31.2	-27.8	45.8	0.0	77	61			Tr.	Tr.	13	6.9	S	S 15	7.6			
2	-14.0	-31.0	-22.5	40.5	0.0	80	60			Tr.	Tr.	13	20.4	S	S 30	7.8			
3	0.4	-16.4	-8.0	26.0	0.0	91	76					13	14.4	S	SW 22*	5.2			
4	-0.6	-6.3	-3.5	21.5	0.0	88	77					13	17.2	WNW	WNW 26	7.9			
5	-4.3	-11.5	-7.9	25.9	0.0	93	78					12	10.8	S	S 19*	6.1			
6	-1.4	-7.8	-4.6	22.6	0.0	96	83			2.0	1.9	12	14.9	NE	NE 22*	0.1			
7	-2.2	-24.2	-13.2	31.2	0.0	94	64			Tr.	Tr.	13	29.6	NW	NNW 41	5.4			
8	-22.0	-29.7	-25.9	43.9	0.0	77	64			Tr.	Tr.	13	6.2	W	NW 15	7.3			
9	-21.0	-28.5	-24.8	42.8	0.0	81	67			Tr.	Tr.	13	5.0	N	S 9*	0.0			
10	-16.9	-25.2	-21.1	39.1	0.0	77	65			0.2	0.2	13	11.7	WNW	NW 17*	2.4			
11	-10.9	-19.0	-15.0	33.0	0.0	80	53			Tr.	Tr.	13	17.1	SW	SW 24	7.6			
12	-4.2	-13.9	-9.1	27.1	0.0	96	62			Tr.	Tr.	13	12.5	SW	WSW 26	0.3			
13	0.9	-18.3	-8.7	26.7	0.0	99	70			5.0	3.8	15	32.3	NNW	NNW 61	0.0			
14	-18.0	-24.7	-21.4	39.4	0.0	76	63			Tr.	Tr.	16	17.2	S, NW	NNW 39	7.8			
15	-12.0	-19.2	-15.6	33.6	0.0	78	60					16	13.3	SSE	SSE 24	3.3			
16	-10.3	-20.6	-15.5	33.5	0.0	93	70			0.6	0.6	16	7.0	SSW	NW 17	0.1			
17	-13.5	-29.7	-21.6	39.6	0.0	87	63			2.6	1.5	19	15.6	N	N 35	1.7			
18	-28.0	-35.1	-31.6	49.6	0.0	73	52			Tr.	Tr.	20	18.8	NW	NNW 33	5.7			
19	-26.6	-37.0	-31.8	49.8	0.0	71	50			Tr.	Tr.	20	27.1	NW	WNW 37*	5.3			
20	-15.2	-28.2	-21.7	39.7	0.0	84	56			0.2	0.2	20	28.3	NW	NW 37*	0.0			
21	-7.2	-17.3	-12.3	30.3	0.0	92	77			0.2	0.2	20	29.3	WNW	WNW 37*	0.0			
22	-6.5	-15.5	-11.0	29.0	0.0	90	67			Tr.	Tr.	20	17.5	W	WSW 26	3.7			
23	-7.3	-12.1	-9.7	27.7	0.0	91	83			0.2	0.2	20	10.8	W	WNW 17	0.9			
24	-8.6	-24.7	-16.7	34.7	0.0	93	66			2.0	1.5	20	30.3	NNW	N 56*	3.5			
25	-18.4	-27.7	-23.1	41.1	0.0	71	63			Tr.	Tr.	21	17.2	WNW	S 30*	6.3			
26	-6.0	-18.4	-12.2	30.2	0.0	91	67			0.2	0.2	21	26.8	S	NW 43*	1.8			
27	-15.2	-22.0	-18.6	36.6	0.0	73	59			0.2	0.2	21	20.8	NW	NW 33*	8.2			
28	-9.9	-21.5	-15.7	33.7	0.0	91	68			0.4	0.2	21	10.3	S	S 19	0.0			
29	-10.6	-27.6	-19.1	37.1	0.0	95	57			0.2	0.2	21	22.5	S	WNW 41	4.9			
30	-27.6	-31.8	-29.7	47.7	0.0	70	60			Tr.	Tr.	21	16.1	W	W 26	4.8			
31	-29.3	-34.8	-32.1	50.1	0.0	73	51			0.2	0.2	21	10.8	W	WNW 20	6.1			
MEAN MOYENNE	-12.6	-22.9	-17.8	TOTAL 1109.5	TOTAL 0.0	85	65	TOTAL	TOTAL	Tr.	14.2	11.1		PREVAILING S	MAXIMUM NNW 61	TOTAL 121.8			
NORMAL NORMALE	-14.3	-24.2	-19.3	1154.7	0.0	87	68	0.0	0.2	23.7	21.3	28	18.6	S	56	121.2			
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC CHÛTE DE NEIGE: 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 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	1109.5	1074.8	1154.7	TOTAL FOR MONTH TOTAL DU MOIS	0.0	0.0	0.0	4	1	0	0	14	4	4	0	0	0		
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 ^{er} JUILLET	3518.9	3441.4	3434.6	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 ^{er} AVRIL	1873.2	1906.2	1783.2												

UDC 551.506.1 ()

*Prevailing wind by distance NW.

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The month was slightly warmer than normal with snowfall much below normal. The warmest day was on the 13th with 0.9°C while the coldest night was the 19th with a minimum of -37.0°C. Sunshine was normal while the average winds were a little below normal.

DAILY WEATHER SUMMARY FOR JANUARY 1985

AT WINNIPEG, MANITOBA

1. Very cold. Sunny. Ice crystals in morning, early afternoon and early evening. Light winds.
2. Cold. Sunny. Ice crystals in evening. Moderate winds with south gusts to 41 Km/h in early evening.
3. Mild. Mostly sunny. Mostly light winds.
4. Mild. Mostly sunny. Mostly light winds.
5. Mild. Mostly sunny. Light winds.
6. Mild. Cloudy. Light snow in morning and evening. Mostly light winds. Visibility restricted in snow.
7. Above normal temperatures. Cloudy clearing early afternoon. Light snow in morning. Ice crystals mid evening continued. Blowing snow morning and afternoon. Moderate winds with WNW gusts to 50 Km/h in morning. Drifting snow.
8. Cold. Mostly sunny. Ice crystals in morning and afternoon. Light winds.
9. Cold. Cloudy. Ice crystals in morning, late afternoon, mid evening continued. Snow grains morning until early evening. Light ice fog. Visibility restricted. Light winds.
10. Below normal temperatures. Mostly cloudy. Ice crystals early morning, late afternoon and early evening. Light snow late morning until early evening, then late evening continued. Light winds.
11. Above normal temperatures. Mostly sunny. Light snow until mid morning. Mostly light winds but SW gusts to 43 Km/h in evening.
12. Mild. Cloudy. Light snow early afternoon. Mostly light winds.
13. Mild. Cloudy. Ice pellets morning and early afternoon. Freezing rain in morning. Snow until late evening. Ice crystals evening continued. Moderate winds with NNW gusts to 83 Km/h in afternoon. Many traffic accidents, Highway #1 closed. Visibility severely restricted late morning continued. Blowing snow early afternoon continued.
14. Below normal temperatures. Mostly sunny. Ice crystals in early morning. Blowing snow in morning. Mostly light winds but NNW gusts to 44 Km/h in early morning.
15. Above normal temperatures. Partly cloudy. Mostly light winds.
16. Above normal temperatures. Cloudy. Snow mid morning until early evening. Light winds. Visibility restricted.
17. Below normal temperatures. Cloudy. Snow early morning until mid afternoon. Ice crystals late morning, mid afternoon continued. Visibility restricted. Mostly light winds but north gusts to 43 Km/h early evening.
18. Very cold. Mostly sunny. Ice crystals morning, afternoon and evening. Blowing snow in afternoon. Mostly light winds but NNW gusts to 44 Km/h in evening. Visibility restricted in afternoon.
19. Very cold. Mostly sunny. Ice crystals morning, afternoon and late evening continued. Blowing snow morning and afternoon. Visibility severely restricted. Moderate winds with WNW gusts to 48 Km/h in afternoon.
20. Below normal temperatures. Cloudy. Ice crystals in morning, evening continued. Snow morning until early evening. Visibility severely restricted. Moderate winds with NW gusts to 48 Km/h in morning. Blowing snow morning until late afternoon.
21. Above normal temperatures. Cloudy. Ice crystals in morning. Snow late morning continued. Blowing snow in afternoon. Moderate winds with WNW gusts to 57 Km/h in afternoon.
22. Much above normal temperatures. Partly cloudy. Snow in early morning. Mostly light winds.
23. Mild. Mostly cloudy. Snow late morning, early afternoon, early evening continued. Light fog. Visibility restricted. Mostly light winds.
24. Above normal temperatures. Cloudy clearing early afternoon. Snow until early afternoon. Ice crystals mid evening continued. Blowing snow late morning, continued. Visibility severely restricted. Drifting snow. Moderate winds with NNW gusts to 72 Km/h in afternoon.
25. Cold. Sunny. Ice crystals until early morning. Mostly light winds. Moderate winds with NW gusts to 61 Km/h in the afternoon.
26. Much above normal temperatures. Mostly cloudy. Snow afternoon and evening continued. Blowing snow afternoon and evening. Visibility restricted.
27. Slightly above normal temperatures. Sunny. Light snow in morning. Moderate winds with NW gusts to 37 Km/h in morning. Drifting snow.
28. Above normal temperatures. Cloudy. Snow late morning until late afternoon. Light winds. Smoke and ice fog late evening continued. Visibility severely restricted on highway west and had to be closed. Numerous traffic accidents.
29. Near normal temperatures. Cloudy clearing in afternoon. Moderate winds with WNW gusts to 56 Km/h in morning. Ice crystals morning and evening. Snow in morning. Blowing snow late morning, early afternoon and late evening. Smoke in morning. Visibility restricted.
30. Cold. Partly cloudy. Ice crystals all day. Blowing snow ending early morning. Mostly light winds. Visibility restricted.
31. Cold. Record low maximum -29.3°C previous record was -28.3°C in 1873. Ice crystals most of the day. Visibility restricted. Mostly light winds. From the period November 1 to December 31, eleven people died of hypothermia; five times the normal amounts.

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.	-28.9	-28.9	-29.7	-30.2	-32.5	-32.1	-35.5	-33.6	-33.4	-36.6	-32.6	-31.3	-31.4	-30.4	-30.4	-30.7	-31.4	-31.8	-32.3	-33.1	-33.2	-34.4	-34.9	-35.0
2.	-33.4	-34.9	-35.5	-35.1	-35.5	-34.9	-34.4	-33.1	-32.7	-32.5	-31.6	-30.4	-29.0	-28.2	-27.5	-26.1	-25.6	-25.3	-23.1	-22.0	-21.2	-19.8	-18.6	-17.1
3.	-16.5	-15.3	-14.8	-16.1	-16.7	-17.9	-16.7	-18.7	-17.8	-15.1	-14.6	-10.9	9.5	-8.4	-7.0	-6.2	-5.9	-6.0	-5.6	-5.1	-6.0	-3.8	-4.1	-4.0
4.	-4.3	-4.8	-5.4	-6.3	-7.9	-7.5	-7.8	-8.1	-7.8	-8.2	-7.5	-7.1	-6.7	-6.2	-6.0	-6.0	-6.0	-7.7	-8.1	-6.1	-6.8	-6.8	-8.3	-8.6
5.	-8.1	-8.6	-9.4	-9.2	-8.8	-9.7	-10.4	-11.1	-11.0	-11.2	-11.0	-11.2	-9.5	-9.8	-10.4	-11.6	-12.6	-12.6	-12.0	-10.9	-10.9	-8.8	-8.3	-6.7
6.	-7.0	-5.7	-4.3	-4.1	-3.9	-4.2	-4.6	-5.5	-6.7	-7.8	-8.1	-8.8	-8.9	-9.0	-9.2	-9.2	-8.6	-8.6	-8.8	-8.6	-7.4	-5.1	-4.3	-4.0
7.	-5.1	-3.5	-6.1	-8.5	-11.0	-13.1	-14.7	-16.0	-17.4	-18.5	-19.8	-21.4	-21.5	-21.9	-22.9	-22.5	-22.5	-25.9	-25.3	-25.7	-26.1	-26.1	-26.7	-27.0
8.	-27.5	-29.0	-29.4	-29.6	-30.2	-31.5	-32.0	-33.1	-33.3	-33.3	-31.2	-30.0	-28.8	-27.8	-27.3	-26.9	-27.5	-27.7	-28.1	-28.8	-29.0	-30.2	-29.7	-29.7
9.	-31.1	-30.9	-30.8	-30.6	-30.9	-31.3	-31.6	-31.7	-31.4	-30.2	-29.6	-27.1	-26.4	-26.4	-26.0	-25.1	-25.1	-24.7	-24.6	-24.2	-24.4	-24.7	-24.6	-24.8
10.	-27.1	-28.7	-27.4	-26.5	-26.3	-27.1	-29.0	-27.7	-26.6	-26.3	-25.6	-25.1	-25.0	-24.6	-23.3	-23.2	-23.9	-23.4	-22.7	-22.8	-21.9	-21.8	-21.2	-20.5
11.	-20.3	-19.8	-19.8	-19.8	-21.2	-21.6	-21.6	-21.5	-22.3	-22.7	-22.7	-22.3	-21.8	-21.8	-21.5	-21.2	-20.7	-21.2	-20.3	-20.0	-20.7	-19.8	-17.9	-17.1
12.	-16.5	-15.2	-16.5	-16.2	-14.1	-13.6	-13.2	-14.4	-13.8	-12.7	-11.7	-11.0	-9.8	-8.7	-9.4	-9.1	-9.2	-9.2	-9.3	-10.2	-11.5	-12.0	-13.8	-12.1
13.	-11.0	-10.8	-8.7	-7.8	-7.0	-7.0	-4.9	-3.6	-4.3	-2.5	-1.7	-2.7	-1.1	-1	-1.7	-5.8	-8.6	-12.3	-14.0	-15.1	-16.2	-16.0	-18.1	
14.	-22.4	-23.4	-24.3	-25.2	-26.3	-26.2	-26.5	-26.7	-27.7	-28.4	-27.5	-26.6	-25.9	-25.2	-24.4	-24.1	-24.1	-24.5	-23.6	-25.4	-25.4	-24.6	-23.9	-23.4
15.	-22.9	-23.5	-22.1	-21.7	-21.2	-21.6	-22.1	-21.6	-21.3	-20.5	-20.3	-20.0	-19.8	-19.5	-18.7	-18.1	-18.1	-18.0	-17.6	-16.2	-16.6	-17.1	-17.2	-17.1
16.	-16.7	-16.5	-16.4	-16.7	-16.1	-16.7	-17.0	-16.2	-16.4	-16.2	-15.8	-13.8	-13.4	-13.1	-12.6	-12.5	-12.7	-12.7	-12.5	-15.5	-18.7	-18.7	-20.9	-22.9
17.	-19.5	-18.8	-17.9	-16.9	-16.8	-16.3	-16.0	-16.2	-15.7	-15.5	-15.9	-17.1	-17.1	-17.2	-17.6	-18.5	-19.4	-21.2	-23.3	-24.2	-24.7	-26.1	-30.0	-32.3
18.	-34.3	-35.5	-36.1	-36.9	-37.6	-38.0	-37.6	-37.1	-36.7	-35.8	-35.5	-34.9	-33.9	-33.8	-33.8	-33.0	-33.6	-34.2	-36.1	-39.3	-39.6	-40.1	-40.2	-40.2
19.	-40.1	-39.9	-40.8	-41.0	-40.0	-40.1	-40.4	-40.9	-41.2	-41.6	-41.4	-40.7	-40.3	-39.2	-38.3	-37.9	-37.5	-37.1	-36.3	-34.9	-33.3	-33.1	-32.4	-31.6
20.	-31.4	-33.3	-32.2	-29.4	-28.4	-27.2	-27.1	-27.4	-25.7	-24.3	-23.1	-22.5	-21.6	-20.3	-19.6	-19.0	-18.1	-18.7	-18.6	-20.3	-20.5	-20.0	-20.0	-19.6
21.	-19.0	-19.8	-18.9	-19.2	-19.1	-17.9	-17.5	-16.9	-15.6	-14.8	-10.7	-10.0	-9.5	-9.4	-9.2	-9.7	-9.8	-10.8	-10.9	-10.6	-11.0	-11.8	-12.3	-13.6
22.	-14.0	-15.5	-16.2	-16.3	-17.1	-17.5	-14.8	-14.3	-13.1	-12.8	-12.2	-11.7	-12.0	-12.0	-12.0	-11.7	-12.2	-12.6	-12.9	-13.6	-14.0	-13.8	-13.4	-13.4
23.	-13.2	-13.5	-13.6	-13.1	-13.0	-12.7	-12.5	-12.0	-12.3	-12.1	-11.6	-11.4	-10.3	-10.1	-9.9	-9.2	-9.7	-10.0	-9.8	-10.0	-11.3	-11.5	-11.3	-10.4
24.	-11.4	-11.6	-12.4	-12.6	-13.1	-13.2	-13.2	-12.6	-12.1	-12.2	-13.6	-14.3	-15.6	-17.6	-19.1	-19.7	-24.3	-24.9	-25.9	-27.1	-27.4	-27.9	-28.0	-28.5
25.	-28.7	-29.6	-30.0	-30.2	-30.1	-30.2	-30.4	-30.9	-31.6	-31.1	-29.5	-28.8	-28.3	-27.5	-26.7	-25.8	-26.6	-26.1	-26.5	-26.3	-25.3	-24.3	-23.9	-23.0
26.	-22.7	-21.8	-21.3	-20.3	-20.4	-19.4	-19.0	-19.3	-19.3	-19.0	-17.0	-15.6	-13.6	-10.7	-8.6	-8.4	-10.1	-13.2	-15.1	-15.2	-16.2	-16.8	-17.6	-18.5
27.	-18.1	-22.2	-21.3	-20.3	-20.2	-20.1	-20.1	-21.5	-21.4	-22.7	-23.0	-22.5	-22.0	-21.5	-21.5	-22.0	-22.0	-22.7	-23.4	-23.5	-24.0	-24.7	-25.8	-24.6
28.	-24.6	-24.9	-24.7	-23.6	-23.1	-22.9	-22.1	-22.0	-21.7	-21.8	-20.7	-19.8	-18.4	-15.5	-13.8	-12.3	-12.2	-12.3	-12.8	-15.3	-18.3	-17.7	-19.2	-19.2
29.	-20.9	-20.4	-16.8	-16.1	-16.3	-16.8	-13.3	-12.7	-12.2	-12.1	-15.8	-22.7	-22.2	-23.1	-22.6	-23.4	-24.0	-25.4	-27.1	-27.6	-26.6	-29.3	-30.7	-31.8
30.	-32.2	-33.6	-33.5	-34.1	-34.9	-35.8	-36.8	-37.0	-37.2	-37.1	-36.6	-36.4	-36.6	-36.3	-35.6	-34.9	-36.8	-35.3	-36.0	-35.5	-35.5	-35.1	-35.1	-35.1
31.	-35.4	-36.0	-36.5	-36.3	-35.8	-35.5	-35.1	-35.4	-35.4	-35.6	-35.6	-35.3	-35.4	-35.8	-36.3	-34.9	-37.0	-36.0	-36.6	-36.6	-36.5	-37.5	-38.4	-39.0

MEAN -21.3 -21.7 -21.6 -21.5 -21.7 -21.8 -21.7 -21.8 -21.7 -21.5 -21.0 -20.6 -20.1 -19.6 -19.2 -19.7 -20.3 -20.5 -20.9 -21.2 -21.2 -21.2 -21.6 -21.5

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	-32.2	-28.5	-10.8	-6.8	-9.9	-6.7	-18.6	-29.5	-27.7	-24.8	-20.6	-12.1	-8.1	-25.1	-19.6	-15.8

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	31
MEAN	-19.7	-38.2	-23.6	-13.6	-13.6	-11.3	-18.2	-27.9	-16.5	-22.0	-19.0	-21.1	-35.4	-36.1	-36.1

