



Fisheries and Environment Canada

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Environnement atmosphérique

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS APRIL / AVRIL

19 79

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

LAT: 49° 54' N		LONG: 97 14 W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÉTRES (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 HOURS 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	-8.6	-20.9	-14.8	32.8		91	70			2.5	2.5	34	19.7	NNW	NNW 24*	7.6					
2	-7.1	-26.3	-16.7	34.7		81	63					35	9.7	NNW	NW 15	9.0					
3	-4.5	-18.7	-11.6	29.6		90	71			Tr.	Tr.	33	12.7	SW	SW 19*	10.7					
4	-2.0	-10.2	-6.1	24.1		95	74			6.2	6.0	37	25.7	WNW,S	S 37	6.4					
5	-8.8	-18.8	-13.8	31.8		86	71					38	36.2	NNW,NW	N 52	11.7					
6	-7.5	-24.8	-16.2	34.2		82	62					36	17.2	S	S 30	8.3					
7	0.5	-7.5	-3.5	21.5		94	60			0.8	0.6	36	29.7	SE	SSE 39*	2.5					
8	-2.0	-5.9	-4.0	22.0		95	77			0.3	0.3	36	11.1	NE	N 17*	4.9					
9	1.0	-7.5	-3.3	21.3		88	65					35	7.7	S	SSE 17	8.0					
10	4.3	-7.6	-1.7	19.7		85	50					29	18.1	SSE	SSE 35	12.0					
11	5.2	-3.3	1.0	17.0		73	46			Tr.	Tr.	21	22.9	SE	SE 33	7.2					
12	3.8	0.0	1.9	16.1		98	55			10.4	5.8	11	18.4	E	E 33	0.0					
13	1.5	0.5	1.0	17.0		100	97			3.8	0.7	9	13.5	NE,ENE	NE 19	0.0					
14	2.3	0.1	1.2	16.8		100	84			Tr.	1.4	8	18.2	NW	NW 26	0.0					
15	4.9	-1.7	1.6	16.4		89	58					8	14.1	WNW	WNW 22	10.0					
16	5.7	-2.9	1.4	16.6		92	61					5	6.1	W	WSW 13	6.5					
17	11.8	-0.1	5.9	12.1	0.9	81	45					5	23.1	SSE	SE 41	7.6					
18	14.6	4.8	9.7	8.3	4.7	94	53	1		9.7	9.7	2	33.2	SSE	SSE 48*	5.6					
19	11.3	2.0	6.7	11.3	1.7	98	81	1		4.6	4.6	Tr.	26.0	S	S 48	0.0					
20	8.7	0.9	4.8	13.2		97	65			1.0	1.0	Tr.	20.0	NW	NNW 31	10.0					
21	10.4	-0.1	5.2	12.8	0.2	93	66			Tr.	Tr.	Tr.	12.2	W	WNW 24*	10.1					
22	9.4	1.4	5.4	12.6	0.4	91	52					Tr.	13.6	NNE,NW	NW 22	7.8					
23	9.4	0.0	4.7	13.3		93	36					0	13.5	E	NE 28	4.0					
24	4.0	0.9	2.5	15.5		97	60			12.4	Tr.	12.4	20.3	ENE	ENE 28*	0.0					
25	5.6	-1.9	1.9	16.1		93	49			0.2	1.0	0	20.1	NNW	NNW 33	5.7					
26	7.1	-4.2	1.5	16.5		93	37					0	9.8	calm	NNW 30	11.1					
27	8.5	-3.3	2.6	15.4		81	37					0	8.7	N	NW 19	13.9					
28	10.2	0.7	5.5	12.5	0.5	84	32			0.2	0.2	0	10.6	S	S 19	2.5					
29	8.9	0.8	4.9	13.1		93	58			5.5	1.2	0	18.0	NE,N	NNE 30	1.7					
30	7.8	0.1	4.0	14.0		98	44				2.8	Tr.	12.1	NW	NW 20	10.2					
31																					
MEAN MOYENNE	3.9	-5.1	-0.6	TOTAL 558.3	TOTAL 8.4	91	59	TOTAL 2	TOTAL 47.8	TOTAL 22.7	TOTAL 73.5		17.4	PREVAILING NW*	MAXIMUM N 52	TOTAL 195.0					
NORMAL NORMALE	8.6	-1.9	3.3	441.1	49.8			0.7	25.4	11.9	37.3		21.7	SOUTH	59	208.5					
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS												DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE 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	558.3	438.1	441.1	TOTAL FOR MONTH TOTAL DU MOIS	8.4	49.4	49.8	15	12	9	2	0	10	7	4	0	0				
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	6289.8	5863.2	5575.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	8.4	49.4	49.8														

UDC 551.506.1 ()

*By miles SSE

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PREVAILING DIRECTION:
4th - W, NW 29th - ENE, NW
22nd - WNW

00 0063-9890

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		APRIL / AVRIL		19 79										
Temperature/Température — Celsius Precipitation/Précipitation — Millimetres (mm) Rainfall/Hauteur de pluie — Millimetres (mm) Snowfall/Hauteur de neige — Centimetres (cm) Wind speed/Vitesse du vent — Kilometres/par heure (km/h) Station pressure/Pression à la station — Kilopascals (kPa)	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS						YEARS OF RECORD ANNÉES D'OBSERVATIONS				
	VALUE RELEVÉ	DATE	VALUE RELEVÉ	DATE		HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU							
						VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE					
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE	14.6	18	22.7	28	22.2	33.9	29	1952	11.1	20	1956	108				
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	-26.3	2	-10.4	1	-13.3	-3.9	5	1878	-27.8	3	1932	108				
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	-0.6		3.4		3.3	9.4		1915	-2.8		1893	108				
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	47.8		19.4		25.4	138.2		1896	Nil		1907	108				
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	22.7		3.4		11.9	44.5		1872	Nil	(Several)		108				
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	73.5		22.8		37.3	143.3		1896	2.0		1949	108				
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	15		7		8	17		1924	3	(Several)		96				
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	12.4*	24	13.2	5		36.6	30	1896				108				
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	6.2		2.0	2		33.0	12	1872				108				
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	18.5	12	*13.2	5		43.2	27	1892				108				
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:																
5 MINUTES	0.8	18	0.7	5		3.3	14	1976				16				
10 MINUTES	1.2	18	1.1	5		5.6	14	1976				16				
15 MINUTES	1.8	18	1.6	5		6.6	14	1976				16				
30 MINUTES	2.6	18	3.2	5		7.9	18	1971				16				
60 MINUTES	5.0	18	5.5	5		13.0	19	1961				16				
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	12.6	24-25	17.4	5-6		43.2	27	1892				108				
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	17.4		21.2		21.7	26.2		1943	13.8		1972	59				
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	N 52	5	NW57	6	59	NW 81	13	1964				41				
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	S 76	19	NW67	6	83	N 106	3	1963				36				
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	195.0		236.0		208.5	305.5		1900	118.6		1924	80				
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	98.74		98.78		98.58	99.08		1944	98.10		1955	41				
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	99.94	6	100.27	15	100.19	100.96	12	1950				41				
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	96.91	13	96.41	12	96.72				95.24	16	1963	41				
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX		YEARS DERNIÈRE ANNÉES	
YEAR ANNÉE	MAXIMUM TEMP. MAXIMALE	MINIMUM TEMP. MINIMALE	MEAN TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. TOTALE	MEAN WINDSPEED VITESSE MOYENNE DES VENTS	MAXIMUM WINDSPEED VITESSE MAXIMALE DES VENTS	HOURS SUNSHINE HEURES INSOLATION	HEATING DEGREE-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE					
1970	14.4	-21.7	1.4	18.3	35.1	65.3	21.2	WNW56	140.5	493.3	17.8					
1971	20.0	-16.7	3.2	45.0	16.3	60.2	21.1	NNW55	209.3	439.4	43.9					
1972	22.8	-16.7	3.2	10.9	2.3	13.0	13.8	S 42	210.4	441.1	53.3					
1973	21.1	-12.2	2.2	20.1	1.5	21.1	20.1	NW 48	221.2	470.0	23.9					
1974	25.0	-18.3	1.8	50.0	9.1	58.7	18.5	S 55	233.1	483.3	36.7					
1975	18.0	-25.4	2.2	42.0	3.6	45.9	18.4	SE 56	167.7	473.2	32.7					
1976	22.8	-7.2	6.0	29.3	2.3	31.6	17.2	E 44	280.3	362.3	53.0					
1977	29.7	-11.1	7.4	4.7	1.4	5.2	21.0	W 56	279.8	321.7	122.7					
1978	22.7	-10.4	3.4	19.4	3.4	22.8	21.2	NW 57	236.0	438.1	49.4					
1979	14.6	-26.3	-0.6	47.8	22.7	73.5	17.4	N 52	195.0	558.3	8.4					

* Rainfall - April 24-25, 1979 - 12.6.

April was cool and wet. The mean temperature was -0.6 in comparison to the normal of 3.3. This was the seventh consecutive month where the mean was below normal. A record low of -26.3 was established on the 2nd while a new low maximum of -11 was established on the 5th. The warmest temperature was 14.6 on the 18th.

Precipitation was almost double the normal. 47.8 KM of rain and 22.7 CM of snow fell for a total of 73.5 MM of precipitation. There were 15 days with measurable precipitation and two days with thunderstorms.

195.0 hours of sunshine were recorded, a little below the normal of 208.5. Winds were also below normal with a mean of 17.5 KMH for the month. The Red River broke-up on the 18th of the month with the river free of ice on the 22nd.

DAILY WEATHER SUMMARY FOR APRIL 1979AT WINNIPEG, MANITOBA

1. Cold. Cloudy clearing by afternoon. Snow to 11:42 a.m. Mostly light winds.
2. Very cold. Mostly sunny. Mostly light winds. Record breaking low minimum temperature.
3. Cold. Sunny. Ice crystals 4:00 a.m. to 6:58 a.m. Mostly light winds.
4. Cold. Partly cloudy. Snow 00:58 a.m. to 09:20 a.m. Snow or ice crystals 06:47 p.m. to 9:11 p.m. Moderate winds. Visibility restricted in the morning. Blowing snow 5:35 a.m. to 10:45 a.m.
5. Cold. Mostly sunny. Record breaking low afternoon temperatures. Blowing snow 3:25 a.m. to 4:23 p.m. Visibility restricted. Moderate to strong winds, gusty NNW winds.
6. Very cold. Sunny. Mostly light winds.
7. Below normal temperatures. Mostly cloudy. Snow 00:20 a.m. to 02:15 a.m., 3:44 p.m. to 11:59 p.m. Moderate winds. Visibility restricted afternoon and evening.
8. Below normal temperatures. Partly cloudy. Snow 00:10 a.m. to 09:10 a.m. Visibility slightly reduced. Light winds.
9. Below normal temperatures. Cloudy becoming sunny late morning. Light winds.
10. Below normal temperatures. Sunny. Mostly light winds but gusty SSE winds near noon.
11. Normal temperatures. Partly cloudy. Showers 8:45 p.m. to 9:10 p.m. Moderate winds.
12. Near normal temperatures. Cloudy. Ice pellets 5:04 a.m. to 7:27 a.m. Rainshowers or drizzle 2:27 a.m. to 7:10 a.m., 3:54 p.m. to 7:10 p.m. Drizzle 11:20 p.m. continued. Snow 6:12 a.m. to 8:40 p.m. Heavy fog in morning. Visibility reduced. Mostly light winds.
13. Below normal temperatures. Cloudy. Ice Pellets 7:15 a.m. to 7:29 a.m., drizzle to 4:53 a.m. Rain 00:17 a.m. to 9:23 a.m. Snow 00:17 a.m. to 9:23 a.m. Heavy fog late evening. Visibility reduced nearly all day. Light winds.
14. Below normal temperatures. Cloudy. Drizzle 01:30 a.m. to 11:27 a.m. Rain or showers 11:27 a.m. to 11:43 a.m., 4:40 p.m. to 7:43 p.m. Snow 1:45 a.m. to 1:00 p.m., 4:40 p.m. to 9:10 p.m. Heavy fog to 1:45 a.m. Visibility restricted till late morning. Mostly light winds.
15. Below normal temperatures. Sunny. Mostly light winds.
16. Below normal temperatures. Cloudy becoming sunny early afternoon. Light winds.
17. Above normal temperatures. Sunny becoming cloudy late afternoon. Moderate winds. Gusty SE winds. Lightning late evening.
18. Above normal temperatures. Partly cloudy. Thunder 6:50 a.m. to 8:54 a.m. Showers or rain to 11:19 a.m., 6:40 p.m. to 12:20 p.m. Moderate gusty south to southeast winds.
19. Above normal temperatures. Cloudy. Thunder 10:04 p.m. to 10:06 p.m. Showers 11:40 a.m. to 11:45 a.m. Drizzle 9:20 a.m. to 11:15 a.m., 3:10 p.m. to 3:40 p.m. Light fog most of the day. Heavy fog 3:40 p.m. to 4:10 p.m. Visibility severely restricted. Rain drizzle or showers 5:05 p.m. continued. Strong gusty south winds in morning. Parts of the city beginning to flood due to rapid melting.
20. Below normal temperatures. Cloudy becoming sunny late morning. Rain or drizzle to 03:06 a.m. Moderate winds morning and afternoon.
21. Near normal temperatures. Mostly sunny. Showers 8:43 p.m. to 9:16 p.m. Mostly light winds. Boy drowned in flood at Omands Creek.
22. Near normal temperatures. Partly cloudy. Mostly light winds.
23. Near normal temperatures. Partly cloudy. Mostly light winds.
24. Below normal temperatures. Cloudy. Rain or drizzle 6:06 a.m. continued. Ice pellets 9:28 p.m. to 10:28 p.m. Snow 10:28 p.m. continued. Red River rising, flood situation in southern Manitoba worsening. Light fog in afternoon and evening. Visibility restricted. Moderate winds.
25. Below normal temperatures. Partly cloudy. Rain to 03:10 a.m. Snow to 4:15 a.m., 9:52 a.m. to 12:20 p.m. Visibility restricted late morning early afternoon. Moderate winds. Red River residents evacuated.
26. Below normal temperatures. Mostly sunny. Light winds.
27. Below normal temperatures. Sunny. Light winds.
28. Near normal temperatures. Mostly cloudy. Rain 8:25 p.m. continued. Light winds.
29. Below normal temperatures. Mostly cloudy. Snow 5:35 a.m. to 7:25 a.m. Rain or showers to 10:06 a.m., 12:10 p.m. to 5:07 p.m. Light fog in morning. Visibility restricted. Mostly light winds.
30. Below normal temperatures. Mostly sunny. Snow 3:50 a.m. to 7:11 a.m. Visibility restricted in snow. Mostly light winds. Flood crest near Emerson.

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.	-8.8	-9.3	-10.0	-11.0	-12.0	-12.0	-12.2	-12.2	-13.2	-12.2	-12.1	-11.4	-11.2	-10.1	-10.7	-10.8	-10.5	-10.9	-11.9	-14.1	-16.5	-14.8	-19.4	-19.6
2.	-20.9	-22.2	-21.8	-22.5	-24.5	-25.5	-25.0	-26.0	-22.2	-20.2	-18.8	-16.7	-14.9	-11.2	-11.1	-10.1	-8.9	-8.2	-9.4	-12.3	-13.8	-14.7	-16.4	-15.9
3.	-16.8	-18.0	-18.6	-18.2	-17.3	-15.6	-16.5	-16.2	-14.7	-12.4	-10.0	-8.9	-8.4	-6.8	-6.5	-5.4	-4.9	-5.2	-5.7	-6.9	-7.6	-7.8	-8.5	-8.2
4.	-8.2	-7.8	-7.5	-6.5	-6.5	-5.0	-3.8	-3.0	-2.4	-4.5	-6.1	-7.0	-6.6	-5.8	-5.4	-5.2	-5.3	-5.0	-5.8	-7.0	-8.0	-6.2	-9.0	-10.1
5.	-10.0	-11.8	-12.3	-13.6	-14.3	-12.5	-11.8	-14.8	-16.5	-16.0	-15.4	-14.1	-13.8	-13.3	-13.4	-13.2	-13.4	-13.4	-13.8	-15.7	-16.5	-17.4	-17.4	-18.5
6.	-18.7	-20.0	-19.4	-20.3	-23.0	-23.8	-23.2	-23.2	-20.6	-17.7	-15.6	-14.0	-13.4	-11.5	-10.3	-9.6	-9.4	-9.0	-8.5	-8.8	-8.3	-8.0	-8.0	-7.9
7.	-7.5	-7.2	-7.1	-7.2	-7.4	-7.0	-7.5	-7.1	-6.7	-5.7	-4.4	-2.8	-2.0	-0.6	0.0	0.2	0.0	-0.2	-2.2	-2.8	-2.7	-3.9	-3.7	
8.	-3.0	-4.1	-4.9	-5.8	-5.5	-5.3	-5.4	-5.5	-5.4	-5.1	-4.5	-3.8	-3.5	-3.0	-2.9	-2.6	-2.3	-2.5	-2.7	-5.0	-5.8	-4.5	-5.2	-4.5
9.	-5.4	-4.9	-5.4	-5.1	-5.0	-5.0	-4.1	-4.1	-4.0	-3.0	-2.0	-1.4	-1.0	-0.7	-0.7	-0.0	-0.1	-0.3	-0.5	-1.5	-2.6	-4.0	-4.0	
10	-7.3	-6.1	-6.1	-5.5	-6.1	-6.1	-6.4	-5.4	-3.4	-1.1	0.3	1.4	2.2	2.5	3.0	3.5	3.5	3.8	3.8	2.5	0.4	-0.3	-1.2	-1.0
11	-1.0	-1.0	-0.9	-2.0	-2.5	-2.1	-3.1	-2.7	-1.2	0.1	1.4	2.8	4.0	4.3	4.8	4.6	4.4	4.5	4.2	3.5	3.0	2.7	3.0	3.3
12	3.8	3.2	3.0	2.3	1.7	0.7	0.3	0.2	0.4	0.1	0.1	0.2	0.6	1.0	1.0	1.3	1.8	1.7	1.7	1.0	0.7	1.0	0.8	1.0
13	1.0	0.5	0.5	0.8	0.9	0.7	0.5	0.5	0.5	0.5	0.5	0.8	1.0	1.1	1.3	1.2	1.9	1.0	0.5	0.7	0.7	0.8	0.8	0.5
14	0.5	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.5	0.5	1.0	1.0	1.5	1.8	2.0	1.6	1.5	1.2	1.2	1.2	1.2	1.2	1.2
15	1.2	1.1	1.1	0.9	0.7	0.5	0.0	0.0	0.4	0.9	1.3	1.9	2.3	2.8	3.5	3.9	4.4	3.7	3.0	2.3	1.2	-0.1	-0.6	-1.4
16	-1.6	-1.9	-1.9	-2.2	-2.8	-2.4	-1.0	-1.0	-0.8	0.1	1.1	1.6	2.9	4.6	5.0	5.0	3.1	3.5	3.8	2.3	1.8	1.8	0.4	0.9
17	0.2	0.6	0.2	0.8	0.7	1.0	1.3	2.5	4.7	6.5	7.7	9.0	10.1	11.2	11.1	10.6	10.2	10.4	10.1	9.5	9.5	8.5	7.7	7.4
18	6.1	6.5	7.0	7.0	6.8	7.3	6.2	5.4	6.1	5.4	6.8	8.1	9.8	11.5	13.0	13.5	13.8	13.5	13.7	12.5	11.7	10.1	9.8	9.5
19	9.9	10.0	9.8	9.5	9.8	9.0	9.0	9.2	9.2	9.0	8.2	8.1	8.2	8.5	9.2	9.0	4.8	4.7	4.2	3.5	2.7	2.4	2.3	2.1
20	2.4	2.2	2.5	2.4	2.0	1.8	1.8	1.8	2.4	3.8	5.2	6.0	6.5	7.0	7.0	7.5	7.5	7.3	6.9	5.8	4.5	3.9	2.8	2.1
21	0.9	0.8	0.8	0.3	-0.1	1.3	1.3	1.9	4.7	6.7	7.3	8.0	9.5	9.0	9.7	8.5	8.4	8.6	8.4	7.0	6.1	6.8	5.7	5.2
22	5.1	3.3	3.0	2.8	2.0	1.6	1.4	2.1	2.6	3.0	4.8	7.0	8.0	9.0	8.3	8.7	8.8	8.2	8.0	6.5	5.8	5.0	4.8	3.8
23	3.5	2.5	1.5	1.1	1.7	1.1	0.0	1.8	3.1	4.8	5.0	5.8	6.5	8.3	8.2	8.5	9.1	8.2	7.4	6.6	5.6	4.5	3.8	2.7
24	2.8	2.4	2.3	1.9	1.3	1.6	1.9	2.0	2.2	2.0	2.3	2.8	3.0	3.5	3.8	3.2	3.0	3.0	3.0	2.9	3.0	2.8	2.5	1.3
25	1.0	1.7	1.3	1.3	1.0	1.3	1.5	2.0	2.5	2.8	2.0	1.2	1.2	2.4	4.8	4.1	5.4	4.8	4.8	3.7	2.0	0.6	0.5	-1.2
26	-1.0	-1.2	-2.5	-2.8	-3.5	-3.8	-3.5	-2.2	1.8	2.2	4.2	5.0	5.7	5.5	5.2	5.5	6.5	6.5	4.9	4.1	2.4	1.9	1.0	-0.5
27	-1.8	-2.5	-3.3	-3.0	-3.2	-3.2	-2.6	-1.0	0.5	2.0	3.5	4.6	6.4	6.0	6.4	8.1	8.4	7.3	7.0	6.5	4.5	2.3	3.1	2.0
28	1.4	1.7	1.0	1.0	1.0	1.6	2.0	2.8	4.5	6.0	6.5	6.5	7.4	8.5	9.3	9.2	9.0	8.3	8.6	5.8	5.2	5.8	4.8	4.8
29	4.5	4.3	3.3	3.7	3.5	3.0	1.5	1.2	1.8	2.8	4.4	6.8	7.5	6.1	7.5	7.4	6.0	5.0	5.3	4.4	3.1	1.7	1.1	1.0
30	1.0	0.8	1.0	1.2	1.2	0.3	0.2	0.3	0.5	2.5	4.8	4.6	5.8	6.6	8.3	6.8	6.7	6.9	6.9	6.0	4.8	4.8	3.0	2.5

MEAN	-2.2	-2.4	-2.7	-2.8	-3.2	-3.1	-3.1	-2.9	-2.0	-1.1	-0.3	0.5	1.2	1.9	2.3	2.5	2.4	2.2	1.9	0.8	0.0	-0.5	-1.1	-1.4
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HOURLY METRULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL

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.	-8.9	-9.3	-10.2	-11.2	-12.1	-12.3	-12.3	-13.3	-13.3	-12.4	-12.4	-11.9	-11.8	-10.8	-11.2	-11.3	-11.1	-11.5	-12.4	-14.6	-16.7	-18.9	-19.5	-19.7
2.	-21.0	-22.3	-21.9	-22.6	-24.6	-25.0	-26.0	-26.3	-26.0	-24.4	-19.2	-17.0	-15.2	-11.9	-11.7	-11.0	-9.6	-9.1	-10.2	-12.6	-14.3	-15.0	-16.5	-16.2
3.	-17.0	-18.2	-18.7	-18.1	-17.2	-15.5	-16.4	-16.1	-14.8	-12.9	-10.7	-9.6	-9.0	-7.7	-7.3	-6.3	-5.9	-5.9	-6.3	-7.4	-8.0	-8.2	-8.9	-8.5
4.	-8.5	-8.2	-7.8	-6.8	-6.8	-5.1	-3.9	-3.1	-2.6	-4.8	-6.5	-7.4	-7.3	-6.5	-6.2	-6.1	-6.2	-6.0	-6.7	-7.5	-8.2	-7.3	-9.5	-10.5
5.	-10.2	-12.1	-12.8	-14.0	-14.5	-12.7	-11.9	-10.9	-10.5	-10.1	-15.5	-14.4	-14.0	-13.6	-13.6	-13.5	-13.7	-13.7	-14.0	-15.9	-16.7	-17.6	-17.7	-18.7
6.	-18.9	-20.1	-19.5	-20.4	-23.6	-23.2	-23.2	-20.6	-18.0	-16.1	-14.7	-14.0	-14.0	-12.1	-11.0	-10.4	-10.2	-9.9	-9.2	-9.5	-9.2	-8.8	-9.0	-8.8
7.	-8.7	-8.6	-8.2	-8.2	-8.3	-7.9	-8.2	-8.0	-7.4	-6.7	-5.5	-4.2	-3.6	-3.3	-1.8	-1.5	-1.7	-2.0	-2.9	-3.2	-3.5	-4.0	-4.1	-4.2
8.	-4.4	-4.4	-5.0	-5.8	-5.5	-5.4	-5.5	-5.3	-4.8	-4.2	-3.9	-4.3	-4.2	-3.9	-3.8	-3.5	-3.4	-3.6	-3.6	-3.5	-6.2	-5.2	-5.5	-5.1
9.	-5.8	-5.5	-5.8	-5.7	-5.5	-5.4	-4.5	-4.6	-4.6	-4.0	-3.4	-3.1	-2.8	-2.6	-2.3	-1.6	-1.3	-2.2	-2.5	-3.0	-3.8	-3.6	-4.7	-4.7
10.	-7.5	-5.5	-6.7	-6.4	-7.0	-7.0	-7.1	-6.6	-4.8	-2.7	-1.6	-1.0	-1.0	-1.0	-1.2	-1.2	-1.3	-1.3	-1.2	-1.5	-1.9	-2.6	-2.6	-2.6
11.	-2.6	-2.6	-2.8	-3.6	-3.8	-3.6	-4.4	-4.0	-2.9	-2.0	-1.7	-1.0	-1.0	-1.0	-1.0	-1.0	-1.4	-1.7	-1.5	-1.0	-1.0	-1.0	-1.0	-1.0
12.	-8.8	-5.5	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
13.	-8.8	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3	-3.3
14.	-5.5	-3.3	-2.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
15.	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
16.	-2.1	-2.2	-2.3	-2.6	-3.1	-2.8	-1.8	-1.8	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
17.	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6
18.	-2.9	-3.2	-3.4	-3.4	-3.3	-3.5	-3.7	-3.7	-3.7	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4
19.	8.0	8.4	8.2	9.2	8.3	7.8	7.9	8.0	8.0	7.8	7.5	7.3	7.6	8.1	8.8	8.8	4.6	4.4	4.0	3.4	2.5	2.2	2.1	2.0
20.	2.2	2.0	2.2	2.2	1.9	1.6	1.5	1.4	1.9	2.8	3.8	4.5	4.5	5.0	5.0	4.8	4.8	4.7	4.4	4.1	3.2	2.7	1.9	1.4
21.	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
22.	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
23.	2.5	1.5	1.0	-0.8	-0.7	-1.1	-0.9	-0.7	1.4	1.9	2.5	3.1	2.8	4.1	3.6	3.5	3.6	3.4	3.1	3.1	2.6	2.1	1.4	1.5
24.	-4.4	-1.1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
25.	-0.6	1.3	1.0	1.0	-0.7	-0.9	1.0	1.2	1.2	1.2	1.5	1.8	1.9	1.0	2.0	1.6	2.0	1.3	1.2	1.2	1.2	1.2	1.2	1.2
26.	-1.9	-2.7	-3.5	-3.7	-4.0	-3.7	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
27.	-3.1	-3.4	-4.1	-4.0	-4.0	-4.0	-3.8	-2.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
28.	-0.5	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
29.	3.0	3.0	2.7	2.5	2.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
30.	-1.7	-1.5	-1.4	-1.5	-1.7	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
MEAN	-3.0	-3.3	-3.5	-3.7	-4.0	-3.8	-3.6	-3.6	-2.9	-2.3	-1.6	-1.1	-0.6	-0.1	0.1	0.2	0.1	0.1	-0.1	-0.8	-1.3	-1.7	-2.2	-2.5

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL

ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

HOUR STARTING	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PEAK GUSTS	HOUR	
1	NNE	NNE	N	N	N	N	N	NNW	NNW	N	N	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	S 31	00 CST
2	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SSW70	07 CST
3	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NNW67	11 CST	
4	S	S	SSE	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S 41	17 CST	
5	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SE 61	10 CST	
6	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	SSE46	13 CST	
7	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE52	12 CST	
8	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	ESE46	02 CST	
9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW33	10 CST	
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	NNW31	01 CST	
11	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE			
12	ESE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
13	ENE	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			
14	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW			
15	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW			

