

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MARCH / MARS

1976

AT/A WINNIPEG INTERNATIONAL AIRPORT

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: ALTITUDE:		FEET (ASL) PIEDS (MER)		STANDARD TIME USED: Central		HEURE NORMALE UTILISÉE:						
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM DRAGE	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. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION	
	°C	°C	°C	BASE 18°C	BASE 5°C	%	%	mm	cm	mm	cm	mph		mph	HOURS HEURES	
1	-9.5	-28.2	-18.9	36.9		86	69			.8	18	10.9	NNE	E	21	2.6
2	-9.4	-12.1	-10.8	28.8		91	82			19.3	30	14.1	ENE	ENE	21	0.0
3	-10.6	-24.3	-17.5	35.5		91	63			1.3	48	10.4	SW, &	WSW	*15	9.0
4	-15.6	-27.5	-21.6	39.6		95	64			TR.	48	8.2	WSW	SW	*12	10.5
5	-16.2	-32.7	-24.5	42.5		82	61			TR.	43	7.8	W, WNW	S	15	8.9
6	-5.2	-21.6	-13.4	31.4		87	67			.3	41	12.9	WNW	NW	21	5.5
7	-7.4	-19.5	-13.5	31.5		84	63			TR.	41	9.4	W	W	16	6.0
8	-7.8	-17.3	-12.6	30.6		87	66			1.3	38	9.7	NE, &	NE	*16	3.9
9	-12.6	-26.6	-19.6	37.6		85	66			1.5	36	11.3	NNE	NNE	*15	9.3
10	-12.8	-30.1	-21.5	39.5		86	59				36	8.0	S	SSW	*14	8.7
11	-11.4	-16.7	-14.1	32.1		89	71			.3	36	15.4	NNE	NNE	25	0.1
12	-8.8	-21.7	-15.3	33.3		86	55				36	9.8	N	N	21	9.5
13	-5.7	-18.3	-12.0	30.0		91	70			1.3	33	15.8	S	S	26	3.4
14	-10.6	-19.9	-15.3	33.3		87	60			TR.	33	8.3	WNW	SSW	13	8.1
15	-6.4	-21.3	-13.9	31.9		90	72			1.0	33	12.7	NW	NW	21	10.1
16	-10.7	-23.3	-17.0	35.0		89	52				30	5.6	S	S	12	7.5
17	0.0	-14.6	-7.3	25.3		95	77			TR.	30	12.1	S	S	*14	0.6
18	4.6	-10.0	-2.7	20.7		100	71		TR.	TR.	28	8.7	S	S	*15	7.3
19	5.5	-6.7	-0.6	18.6		99	71		1.0		23	8.8	W	ENE	21	4.2
20	4.0	-19.8	-7.9	25.9		100	77		2.5	.8	20	22.8	N	N	38	1.5
21	-9.4	-23.9	-16.7	34.7		87	61				20	9.5	S	S	18	10.9
22	2.8	-10.9	-4.1	22.1		90	55				20	9.6	WSW	S	*18	9.9
23	5.3	-2.6	1.4	16.6		89	61				15	9.2	E	ESE	14	4.8
24	1.7	-10.3	-4.3	22.3		94	66			.3	15	13.0	NW	NW	24	3.6
25	2.7	-10.4	-3.9	21.9		100	62		TR.	TR.	15	9.5	ESE	SE	17	0.9
26	0.1	-1.8	-0.9	18.9		100	86			.3	15	8.8	NW	NW	*13	0.5
27	1.9	-7.2	-2.7	20.7		97	62				13	11.0	S	S	21	8.7
28	4.9	0.3	2.6	15.4		97	67		.3	TR.	10	9.2	ESE	SSE	16	0.6
29	6.2	-2.8	1.7	16.3		99	52				10	8.1	W, NW	NW	15	7.8
30	3.3	-7.7	-2.2	20.2		96	75				10	8.5	WNW	WNW	*12	11.4
31	5.3	-8.6	-1.7	19.7		93	44				10	6.7	S	S	12	10.3
MEAN MOYENNE	3.9	-16.1	-10.0	868.8		92	65					10.5	PREVAILING DIRECTION DOMINANTE	MAXIMUM	TOTAL	
NORMAL NORMALE	2.9	-13.3	-8.1	806.1	2.8			0.1	6.1	21.1	26.2	12.2	SOUTH		170.4	

DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS									DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES:					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE:							
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			868.8	892.0	806.1	TOTAL FOR MONTH TOTAL DU MOIS			NIL	NIL	2.8	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS	OR PLUS
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET			5079.8	5055.6	5118.4	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL			1794.0	1642.8	1759.5	14	6	2	1	0	12	7	1	1	0

UDC 551.506.1 (712.74)

& 3rd WSW, & 8th NNE

* Indicates more than one occurrence of same speed but not necessarily the same direction.

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COMPARATIVE RECORDS RELEVÉS COMPARATIFS			MONTH MOIS		MARCH / MARS			19 76						
Temperature/Température °Celsius Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	(mm) (mm) (cm)	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		6.2	29	3.8	18	8.1	23.3	27	1946	-1.7	24	1899	105	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-32.7	5	-27.9	9	-27.8	-10.6	24	1878	-38.9	10	1880	105	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-10.0		-10.8		-8.1	1.6		1878	-16.1		1899	105	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		3.8		1.5		6.1	67.6		1945	(NIL SEVERAL)		105		
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		29.2		19.5		21.1	76.2		1904	.8		1946	105	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		23.1		18.9		26.2	76.2		1904	1.5		1939	105	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		14		8		10	17		1944	3	(SEVERAL)		93	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		2.5	20	0.5	17		32.0	9	1878				105	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		19.3	2	7.9	18 20 27		38.1	4	1935				105	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		12.2	2	7.9	27		38.1	4	1935				105	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES							.8	10	1973				8	
10 MINUTES							1.0	10	1973				8	
15 MINUTES							1.8	10	1973				8	
30 MINUTES							2.5	10	1973				8	
60 MINUTES							2.5	10	1973				8	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		3.5	19-20	1.0	17-18		32.0	9	1878				105	
MEAN WIND SPEED VITESSE MOYENNE DU VENT		10.5		12.6		12.2	15.9		1944	7.8		1924	56	
MAXIMUM SPEED (1 min.) VITESSE MAXIMALE (1 min.)		N 38	20	NNE 30	24	34	N50	4	1966				38	
MAXIMUM GUST SPEED POINTE DU VENT MAXIMALE		N 47	20	WNW 41	21	48	N70	4	1966				38	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		186.1		192.3		170.4	217.4		1970	103.0		1903	77	
MEAN STATION PRESSURE PRESSION MOYENNE À LA STATION		983.1		987.1		988.0	998.3		1947	980.9		1945	38	
GREATEST STATION PRESSURE PRESSION MAXIMALE À LA STATION		998.3	1	1008.3	8	1005.2	1018.0	12	1951				38	
LEAST STATION PRESSURE PRESSION MINIMALE À LA STATION		951.9	20	969.8	21	966.6				951.7	30	1967	38	
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 DEGREES-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREES-DAYS DEGRÉS-JOURS DE CROISSANCE			
1967	17.2	-29.4	-8.8	TR.	20.8	17.5	12.9	S 40	166.7	828.3	4.4			
1968	14.4	-26.1	-3.8	3.8	11.2	13.2	11.8	N 37	182.0	671.7	7.8			
1969	2.8	-26.1	-10.8	TR.	10.9	9.9	11.0	N 30	200.6	887.8				
1970	2.2	-31.1	-13.1	TR.	30.5	27.4	10.2	N, NNE 26	217.4	960.6				
1971	5.6	-23.3	-6.7	7.4	36.8	43.7	14.5	NW 36	140.5	763.3				
1972	5.0	-31.7	-8.1	4.6	16.0	20.1	8.6	NNW 30	142.6	805.6				
1973	15.6	-12.2	0.5	3.0	10.2	13.7	10.7	S 32	149.9	540.0	6.1			
1974	2.8	-32.2	-11.2	.8	14.5	15.2	12.0	N 32	182.5	901.7				
1975	3.8	-27.9	-10.8	1.5	19.5	18.9	12.6	NNE 30	192.3	892.0				
1976	6.2	-32.7	-10.0	3.8	29.2	23.1	10.5	N 38	186.1	868.8				

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March came in like a lion and it ran true to old weather lore by going out like a lamb with warm thawing temperatures. Despite cold snowy weather in the first week of March, some sunshine broke through to Winnipeg on every day of the month except March 2.

Temperatures averaged -10.0°C or two degrees colder than usual. Coldest day was March 5 when the minimum touched -33°C , but by March 29 warming sent the maximum up to a thawing 6°C . Sunshine amounted to 186 hours or 16 hours more than usual.

Precipitation amounted to less than usual with a water equivalent of 23.1 mm. It came as 29.2 cm of snow and 3.8 mm of rain.

DAILY WEATHER SUMMARY FOR MARCH 1976AT WINNIPEG, MANITOBA

1. Cold. Partly cloudy. Snow 5:10 p.m. continued. Drifting snow, visibility restricted.
2. Above normal temperature. Cloudy. Snow all day. Visibility severely restricted. Driving difficult. Stores, businesses closed early.
3. Below normal temperature. Mostly sunny. Snow to 6:00 a.m. Ice crystals 6:00 to 6:45 a.m.
4. Cold. Sunny. Ice crystals 4:50 to 5:09 a.m.
5. Very cold. Ice fog in morning. Sunny. Ice crystals 7:33 to 9:45 a.m.
6. Near normal temperature. Partly cloudy. Snow or ice crystals 1:10 a.m. to 7:36 a.m. Blowing snow 7:40 to 7:49 a.m.
7. Near normal temperature. Sunny. Ice crystals 1:30 to 1:46 a.m. Snow 10:55 p.m. to 11:10 p.m.
8. Below normal temperature. Snow or ice crystals 2:23 a.m. to 9:30 a.m. Snow 5:20 p.m. continued.
9. Cold. Cloudy clearing by noon. Snow or ice crystals to 9:29 a.m.
10. Very cold. Mostly sunny. Light winds.
11. Above normal temperature. Cloudy. Snow 9:50 a.m. to 12:45 p.m. Haze and blowing snow in morning.
12. Below normal temperature. Sunny with mostly light winds.
13. Near normal temperature. Partly cloudy. Snow 9:27 a.m. to 2:11 p.m., 9:18 p.m. to 10:12 p.m. Blowing snow in morning.
14. Below normal temperature. Cloudy clearing late morning. Snow 7:28 a.m. to 9:10 a.m. Ice crystals 10:52 p.m. continued.
15. Below normal temperature. Cloudy clearing late morning. Ice crystals to 00:50 a.m. Snow 3:30 a.m. to 7:23 a.m. Visibility reduced. Drifting snow.
16. Below normal temperature. Mostly sunny. Light winds.
17. Above normal temperature. Cloudy. Snow 9:50 a.m. to 2:07 p.m.
18. Mild. Mostly sunny. Light winds. Rain shower 3:03 p.m. to 3:06 p.m.
19. Mild. Partly cloudy. Visibility restricted in heavy fog 8:18 a.m. to 9:00 a.m. Rain or rain showers 4:35 p.m. to 9:10 p.m.
20. First day of spring. Severe storm till evening. Roads extremely hazardous, covered with ice. Visibility zero for 7 hours in snow and blowing snow. Roads blocked, transit halted, airport closed, people stranded, numerous accidents. Normal temperature. Cloudy. Rain 4:49 a.m. to 5:56 a.m., freezing rain 5:56 a.m. to 6:58 a.m., snow 6:43 a.m. to 7:30 a.m., Ice pellets 6:58 a.m. to 7:30 a.m. snow pellets 7:30 a.m. to 10:55 a.m., blowing snow 6:58 a.m. to 6:15 p.m. Gusty north winds to 47 miles per hour.
21. Cold. Sunny. Mostly light winds.
22. Mild. Partly cloudy. Mostly light winds.
23. Mild. Partly cloudy. Mostly light winds.
24. Near normal temperature. Mostly cloudy. Snow 2:50 a.m. to 10:49 a.m. Blowing snow in morning.
25. Near normal temperature. Cloudy. Snow 5:35 p.m. to 9:10 p.m. Drizzle 9:41 p.m. continued. Freezing drizzle 11:00 p.m. continued.
26. Above normal temperature. Cloudy. Drizzle to 00:20 a.m. Freezing drizzle to 00:20 a.m. Snow 3:50 to 11:17 a.m., 2:51 p.m. to 3:43 p.m. Heavy fog 1:55 a.m. to 4:15 a.m., 5:45 a.m. to 6:17 a.m. Visibility restricted.
27. Above normal temperature. Sunny. Gusty winds late evening.
28. Mild, cloudy. Rain 2:40 to 3:30 a.m. Showers 6:25 a.m. to 7:10 a.m. Snow pellets 4:10 to 6:15 a.m. 8:00 a.m. to 8:07 a.m. Mostly light winds.
29. Mild. Light winds. Heavy fog 6:05 a.m. to 10:40 a.m. Visibility severely restricted. Otherwise sunny.
30. Near normal temperature. Sunny. Light winds.
31. Near normal temperature. Mostly sunny. Light winds.

1976

MARCH

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF

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.	-25.5	-27.7	-29.8	-29.8	-25.8	-25.3	-26.2	-26.1	-26.6	-25.4	-22.6	-21.1	-16.1	-15.8	-14.5	-13.6	-12.6	-11.7	-11.2	-9.7	-9.7	-10.0	-10.6	-10.4
2.	-11.1	-11.1	-11.2	-11.4	-11.5	-11.7	-11.7	-11.8	-11.7	-11.6	-11.7	-11.5	-10.7	-10.3	-9.9	-9.9	-9.9	-9.8	-10.0	-10.0	-10.2	-10.3	-10.1	-10.4
3.	-10.8	-11.0	-11.1	-11.1	-12.1	-13.1	-14.7	-17.1	-19.2	-20.4	-19.3	-18.9	-18.2	-17.7	-16.6	-16.6	-16.1	-15.6	-15.7	-15.7	-15.9	-21.3	-22.1	-23.4
4.	-22.0	-22.1	-23.6	-21.4	-23.3	-23.5	-23.9	-23.7	-24.4	-25.9	-24.4	-21.1	-20.3	-18.9	-18.5	-18.1	-18.0	-17.1	-16.8	-20.5	-22.2	-25.7	-26.7	-28.4
5.	-24.7	-24.6	-25.1	-24.2	-30.1	-30.8	-31.6	-30.2	-28.6	-27.2	-24.9	-23.3	-21.7	-20.4	-17.7	-15.3	-17.7	-17.8	-16.9	-20.8	-20.7	-20.9	-20.6	-19.1
6.	-19.1	-19.1	-18.1	-17.8	-16.2	-14.6	-12.3	-12.2	-10.7	-9.4	-7.3	-7.1	-5.1	-5.1	-6.3	-7.4	-9.1	-9.3	-10.4	-9.3	-10.4	-11.1	-11.5	
7.	-12.7	-13.9	-15.1	-15.9	-16.2	-17.2	-19.2	-19.9	-17.2	-15.6	-13.9	-12.6	-11.7	-9.6	-8.3	-7.3	-6.3	-6.7	-6.7	-6.7	-10.0	-11.1	-9.9	-9.4
8.	-8.9	-8.9	-10.2	-10.2	-10.2	-12.2	-14.6	-14.6	-13.7	-12.9	-11.5	-9.9	-8.3	-8.1	-8.1	-8.9	-10.2	-10.8	-11.6	-12.2	-12.2	-12.8	-12.6	-12.2
9.	-12.6	-13.1	-12.8	-12.3	-13.2	-13.6	-13.6	-13.6	-14.4	-15.6	-17.6	-17.1	-15.6	-14.1	-13.5	-13.5	-13.7	-14.5	-14.7	-13.8	-21.4	-22.9	-23.2	-25.0
10.	-24.1	-25.0	-24.0	-20.5	-20.5	-20.5	-20.5	-20.3	-24.4	-19.7	-16.4	-17.2	-16.1	-14.9	-13.5	-13.5	-13.2	-13.5	-14.4	-15.5	-15.7	-15.7	-16.2	-17.1
11.	-16.2	-15.6	-15.0	-14.3	-14.3	-14.0	-14.9	-15.0	-14.7	-13.8	-13.4	-13.2	-11.7	-12.6	-12.2	-11.8	-11.5	-11.8	-11.9	-12.2	-12.3	-12.9	-13.4	-13.9
12.	-14.6	-14.1	-14.6	-15.0	-16.7	-17.1	-18.1	-20.1	-20.1	-20.3	-18.3	-16.3	-13.9	-12.3	-10.6	-9.8	-9.4	-9.8	-10.7	-12.7	-14.5	-15.4	-15.9	-16.4
13.	-18.1	-18.7	-18.0	-18.7	-19.3	-19.3	-19.1	-19.2	-19.1	-19.2	-19.1	-18.8	-17.7	-16.1	-15.7	-15.3	-15.2	-15.2	-15.2	-15.2	-15.2	-15.2	-15.2	-15.2
14.	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6	-13.6
15.	-14.6	-15.6	-15.5	-14.9	-13.4	-12.2	-10.3	-10.0	-9.3	-9.3	-9.4	-9.3	-9.3	-7.2	-7.1	-6.7	-6.8	-7.9	-10.1	-14.0	-16.3	-15.3	-17.7	-16.4
16.	-20.6	-18.7	-17.9	-18.4	-19.4	-21.0	-21.7	-22.9	-21.8	-17.2	-13.6	-13.2	-11.7	-11.9	-11.4	-11.3	-11.5	-11.8	-11.7	-12.7	-14.1	-14.2	-15.0	-15.9
17.	-14.4	-15.4	-12.6	-12.6	-11.9	-11.8	-11.5	-10.5	-7.9	-8.2	-6.4	-4.5	-3.9	-3.9	-3.5	-1.7	-1.8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
18.	-3.5	-3.1	-5.1	-5.5	-6.7	-6.7	-10.0	-7.3	-5.0	-3.1	-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
19.	-7	-1.3	-2.3	-2.4	-3.5	-4.0	-6.7	-5.6	-4.1	-1.9	3.6	3.0	4.5	3.8	2.8	3.8	2.7	1.7	2.5	2.8	4.9	3.9	3.9	3.9
20.	3.4	3.4	1.7	2.1	1.2	.9	.0	-1.7	-4.2	-7.2	-7.8	-6.4	-10.2	-11.1	-11.2	-12.1	-12.5	-12.7	-13.6	-14.7	-15.8	-16.2	-17.1	-18.8
21.	-19.4	-20.1	-21.4	-22.2	-22.7	-22.8	-23.4	-20.6	-16.0	-14.4	-12.8	-12.2	-11.6	-11.1	-10.3	-9.6	-9.9	-10.0	-11.2	-11.9	-11.9	-11.6	-11.6	-11.6
22.	-10.6	-9.6	-8.3	-7.3	-6.9	-6.1	-6.0	-6.1	-4.4	-3.4	-1.7	-1.3	-1.5	.3	.6	1.1	1.7	1.9	.7	-6.6	-1.6	-1.3	-1.4	-1.2
23.	-7.6	-7	-7.5	-7.2	-7.3	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2
24.	-2.0	-1.6	1.0	1.7	1.0	-1.1	-2.7	-3.5	-3.4	-4.1	-4.4	-4.4	-4.4	-4.6	-3.9	-2.7	-2.4	-2.4	-3.6	-5.5	-7.9	-8.1	-7.7	-6.7
25.	-6.7	-9.5	-8.7	-9.1	-9.4	-9.2	-7.7	-6.9	-6.2	-4.1	-3.3	-2.4	-2.4	.5	1.1	2.2	2.3	2.3	2.2	.7	.0	.2	.1	.1
26.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27.	-7	-9	-2.2	-4.2	-5.1	-6.8	-6.1	-3.3	-1.2	0	.6	1.1	1.2	1.3	1.7	1.7	1.6	1.6	1.2	1.1	1.1	1.1	1.1	1.1
28.	1.4	1.7	1.5	1.5	1.2	1.2	1.7	1.7	1.5	2.0	2.7	3.6	3.6	3.9	3.9	4.5	4.0	2.4	2.5	1.7	1.1	1.1	1.1	1.1
29.	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
30.	-1.1	-2.7	-5.1	-5.0	-6.6	-6.6	-7.1	-5.5	-5.1	-2.8	-.8	.1	1.2	2.4	2.4	2.9	2.9	2.5	1.7	.6	-.4	-1.1	-2.2	-3.5
31.	-4.4	-4.3	-5.2	-5.0	-6.1	-7.7	-7.6	-7.2	-4.6	-1.8	-.2	2.9	3.3	4.7	4.2	4.4	4.7	4.0	3.7	1.8	.8	.6	1.7	2.0

MEAN	-10.8	-10.9	-11.1	-11.2	-11.7	-12.1	-12.3	-12.4	-11.9	-10.8	-9.5	-8.6	-7.4	-6.5	-6.0	-5.6	-5.4	-5.8	-6.4	-7.6	-8.4	-8.9	-9.1	-9.6
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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.	-25.5	-27.7	-26.3	-25.6	-25.5	-25.3	-26.3	-26.1	-26.8	-25.4	-22.6	-21.1	-16.3	-16.1	-14.9	-13.9	-12.9	-12.2	-11.6	-10.1	-10.0	-10.4	-10.8	-11.1
2.	-11.4	-11.3	-11.2	-11.3	-11.5	-11.7	-11.7	-11.7	-11.7	-11.8	-11.7	-11.8	-11.7	-10.9	-10.6	-10.1	-10.1	-10.1	-10.2	-10.2	-10.2	-10.3	-10.2	-10.4
3.	-10.8	-11.0	-11.1	-11.1	-12.1	-13.7	-14.5	-17.0	-19.1	-20.5	-19.9	-19.3	-18.5	-17.9	-17.2	-16.9	-16.4	-16.7	-17.6	-18.6	-19.6	-21.4	-22.1	-23.4
4.	-22.0	-22.2	-22.7	-22.0	-23.3	-23.9	-23.7	-24.4	-23.9	-22.6	-21.4	-20.6	-19.1	-18.6	-18.3	-18.3	-17.3	-17.3	-18.9	-20.5	-22.1	-25.6	-24.7	-25.7
5.	-26.7	-26.6	-26.1	-26.2	-30.1	-30.9	-31.6	-30.2	-28.6	-27.2	-24.9	-23.3	-21.8	-20.4	-17.8	-15.7	-17.8	-18.1	-19.0	-20.6	-20.7	-20.9	-20.6	-19.3
6.	-19.3	-19.2	-19.1	-17.6	-16.2	-15.9	-14.6	-14.1	-12.5	-12.3	-11.0	-10.3	-8.9	-6.2	-8.2	-7.2	-6.6	-7.1	-8.3	-9.6	-9.9	-10.9	-11.7	-11.8
7.	-12.9	-14.1	-15.2	-16.1	-16.9	-17.3	-19.2	-18.9	-17.3	-15.7	-14.0	-13.1	-12.3	-10.4	-9.8	-9.3	-9.0	-9.2	-9.1	-9.4	-10.6	-11.4	-10.6	-10.1
8.	-10.4	-10.6	-11.3	-11.3	-11.3	-12.5	-15.0	-16.9	-14.6	-14.7	-13.9	-13.2	-11.8	-10.6	-9.3	-9.4	-10.7	-11.2	-12.2	-12.4	-12.8	-13.0	-13.0	-13.1
9.	-13.0	-13.6	-12.9	-12.9	-13.3	-13.7	-13.7	-14.0	-14.5	-15.7	-17.4	-17.3	-15.9	-14.4	-13.9	-14.1	-14.7	-15.8	-16.6	-17.6	-18.1	-18.1	-18.1	-18.1
10.	-26.2	-26.0	-25.8	-26.3	-26.2	-26.6	-26.6	-26.2	-24.4	-19.9	-17.7	-17.7	-16.6	-14.8	-14.3	-14.0	-13.9	-14.3	-14.9	-15.6	-15.8	-15.8	-16.3	-17.1
11.	-16.4	-15.6	-15.4	-14.4	-14.4	-14.6	-14.4	-15.0	-15.1	-15.2	-15.0	-13.9	-13.4	-12.8	-12.2	-12.1	-11.5	-12.1	-12.2	-12.4	-12.8	-13.3	-13.6	-14.2
12.	-15.1	-16.1	-16.7	-16.7	-17.2	-18.2	-20.2	-20.3	-20.5	-18.5	-16.7	-14.5	-12.8	-11.7	-11.1	-10.6	-10.8	-11.6	-13.1	-15.0	-15.9	-16.3	-16.6	-16.6
13.	-18.3	-15.8	-16.3	-16.1	-15.1	-13.6	-13.4	-12.2	-12.3	-11.6	-10.4	-9.2	-7.8	-6.6	-6.9	-6.7	-7.1	-7.4	-8.3	-8.4	-9.9	-11.2	-10.7	-12.9
14.	-13.9	-15.5	-15.7	-17.8	-19.2	-18.9	-18.9	-18.8	-17.8	-16.6	-16.1	-15.6	-14.4	-13.8	-12.9	-12.2	-12.1	-12.2	-12.5	-14.4	-14.1	-14.6	-15.1	-14.4
15.	-14.6	-15.6	-15.3	-14.9	-13.4	-12.2	-10.3	-10.1	-9.5	-9.6	-9.7	-9.6	-8.7	-8.7	-7.4	-7.2	-7.7	-8.7	-10.7	-14.4	-16.6	-18.4	-17.5	-18.3
16.	-20.5	-18.7	-17.4	-18.4	-19.3	-20.9	-21.6	-22.9	-21.7	-16.3	-14.1	-14.3	-12.5	-13.0	-12.3	-12.2	-12.4	-12.3	-12.3	-13.1	-14.4	-14.4	-15.1	-15.7
17.	-14.4	-13.5	-12.7	-12.3	-12.1	-11.9	-11.9	-11.6	-10.8	-10.2	-8.6	-7.1	-5.3	-4.7	-4.1	-2.9	-1.9	-1.2	-1.2	-1.3	-1.7	-1.2	-1.7	-2.9
18.	-3.7	-5.2	-5.2	-6.3	-6.6	-6.4	-9.7	-7.2	-5.2	-3.8	-2.1	-1.8	-1.7	-1.7	-1.2	-1.6	-2.3	-2.6	-2.2	-1.3	-1.9	-1.6	-1.1	-1.1
19.	-1.2	-1.3	-2.0	-2.7	-3.3	-4.6	-6.5	-5.5	-5.6	-4.1	-1.0	1.8	1.6	2.6	2.2	1.6	1.9	1.4	1.1	1.3	1.7	3.3	2.6	2.5
20.	2.2	2.3	1.2	1.7	.9	.6	.0	-1.7	-4.2	-7.2	-7.9	-9.4	-10.2	-11.2	-11.2	-12.1	-12.4	-12.8	-13.6	-14.6	-17.8	-16.4	-17.2	-18.8
21.	-19.4	-20.1	-21.4	-22.2	-22.7	-22.7	-22.8	-23.3	-20.6	-16.8	-15.0	-13.3	-12.5	-11.8	-11.7	-11.1	-10.7	-10.6	-10.3	-11.7	-12.3	-12.2	-13.2	-11.8
22.	-10.9	-9.4	-9.6	-7.8	-7.2	-6.5	-6.3	-6.3	-5.1	-4.3	-2.9	-2.2	-1.7	-1.7	-1.7	-1.6	-1.4	-1.0	-1.2	-1.8	-2.5	-2.3	-1.0	-1.0
23.	-1.3	-1.3	-1.3	-2.1	-2.1	-3.2	-2.3	-1.8	-1.4	-1.0	.1	1.1	1.7	2.3	2.4	2.3	2.2	1.1	.9	-1.4	-1.4	-1.9	-2.3	-2.7
24.	-2.7	-2.1	-4	.1	-7	-1.2	-2.1	-2.6	-3.9	-3.8	-4.4	-4.8	-4.3	-5.1	-4.7	-3.9	-3.8	-4.3	-5.1	-6.6	-8.7	-9.0	-8.6	-9.4
25.	-10.1	-10.0	-10.1	-9.7	-9.7	-9.6	-8.4	-7.9	-7.2	-5.2	-4.6	-3.8	-2.3	-1.7	-1.7	-1.9	-2.2	-2.1	-1.1	.0	-1.1	-1.1	-1.1	-1.1
26.	.0	.0	.0	-1.1	-2	-7	-1.2	-1.1	-1.5	-1.2	-1.3	-1.2	-1.4	-1.4	-1.3	-1.4	-1.5	-1.9	-1.1	-1.1	-1.2	-1.1	-1.2	-1.2
27.	-1.3	-1.4	-2.7	-4.4	-5.1	-4.9	-6.7	-6.1	-3.3	-1.9	-1.5	-1.2	-1.2	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
28.	.2	.2	.2	.2	.3	.3	.2	.2	.0	.1	.4	.8	1.5	1.3	2.1	2.5	2.1	1.2	1.3	.8	.4	.5	.4	.4
29.	.4	.2	.2	.1	-.6	-.8	-.9	-1.5	-1.9	-1.5	-.8	-.9	.1	1.5	1.6	1.6	2.0	1.9	1.6	.5	-.3	-1.2	-1.7	-1.4
30.	-1.4	-3.1	-5.4	-5.5	-6.7	-6.7	-7.3	-5.9	-5.6	-3.4	-1.5	-.1	.1	.9	1.1	1.4	1.4	1.1	.7	-.4	-1.1	-1.7	-2.7	-4.4
31.	-4.8	-4.6	-5.4	-5.6	-6.2	-7.7	-7.8	-7.2	-4.8	-2.4	-1.1	1.0	.2	1.1	.9	.6	.8	.8	1.0	.0	-.8	-1.2	-.2	-.1

MEAN	-11.0	-11.2	-11.4	-11.5	-11.8	-12.3	-12.4	-12.5	-12.0	-11.1	-10.0	-9.2	-8.3	-7.5	-7.0	-6.7	-6.6	-6.8	-7.3	-6.2	-8.9	-9.4	-9.5	-10.0
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1976

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

ALL TIMES ARE C.S.T.

HOUR STARTING	01	02	03	04	05	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PEAK GUST	HOUR
1	N 2	N 3	NE 5	NE 8	NE 5	NE 6	NE 8	NNE 9	NNE 9	NNE 10	NNE 14	NNE 14	NE 14	NE 15	NNE 15	NNE 17	ENE 17	ENE 17	ENE 18	E 18	E 21	E 18	E 24	22 C.S.T.
2	E 20	ENE 18	ENE 14	ENE 15	ENE 15	ENE 16	E 14	E 17	ENE 18	E 15	ESE 16	ESE 16	ESE 15	ESE 15	ESE 17	ESE 14	ESE 12	ESE 9	ESE 7	ENE 9	ENE 5	ENE 6	ENE 25	02 C.S.T.
3	NNE 5	NNE 5	ENE 3	SSE 3	SSW 3	WSW 9	WSW 12	WSW 9	WSW 15	WSW 13	WSW 14	WSW 14	WSW 13	WSW 14	WSW 14	WSW 14	WSW 14	WSW 14	WSW 14	WSW 13	WSW 12	WSW 12	WSW 22	17 C.S.T.
4	SW 12	WSW 12	WSW 12	WSW 12	WSW 12	WSW 12	WSW 10	WSW 12	WSW 9	WSW 10	WSW 6	WSW 6	WSW 3	WSW 6	WSW 7	WSW 7	WSW 7	WSW 7	WSW 5	WSW 3	WSW 3	WSW 5	WSW 22	17 C.S.T.
5	WSW 12	WSW 8	WSW 6	WSW 3	WSW 1	WSW 5	WSW 7	WSW 6	WSW 3	WSW 5	WSW 7	WSW 7	WSW 6	WSW 7	WSW 7	WSW 8	WSW 12	WSW 10	WSW 12	WSW 12	WSW 12	WSW 15	S 20	23 C.S.T.
6	S 14	S 18	S 16	S 12	S 7	S 17	S 16	S 21	S 17	S 14	S 13	S 8	S 8	S 10	S 15	S 15	S 10	S 8	S 8	S 8	S 12	S 13	WSW 25	10 C.S.T.
7	W 16	WSW 14	WSW 13	WSW 10	WSW 9	WSW 9	WSW 10	WSW 13	WSW 13	WSW 14	WSW 15	WSW 13	WSW 10	WSW 9	WSW 5	WSW 2	WSW 5	WSW 2	WSW 5	WSW 5	WSW 5	WSW 6	WSW 21	10 C.S.T.
8	W 7	SSW 5	SSW 0	SSW 5	SSW 6	SSW 7	SSW 8	SSW 9	SSW 10	SSW 9	SSW 8	SSW 10	SSW 12	SSW 15	SSW 14	SSW 14	SSW 13	SSW 14	SSW 13	SSW 13	SSW 13	SSW 13	NE 20	17 C.S.T.
9	NE 12	NE 12	NE 10	NE 12	NE 12	NE 12	NE 12	NE 13	NE 12	NE 15	NE 14	NE 14	NE 14	NE 15	NE 14	NE 13	NE 9	NE 8	NE 8	NE 8	NE 8	NE 7	NE 20	17 C.S.T.
10	NNW 8	NNW 6	NNW 5	NNW 1	NNW 6	NNW 6	NNW 2	NNW 3	NNW 5	NNW 5	NNW 8	NNW 10	NNW 9	NNW 14	NNW 14	NNW 14	NNW 13	NNW 13	NNW 13	NNW 12	NNW 8	NNW 7	NNW 30	18 C.S.T.
11	S 8	SSE 7	SSE 5	SSE 6	SSE 6	SSE 8	SSE 14	SSE 12	SSE 16	SSE 13	SSE 15	SSE 20	SSE 21	SSE 20	SSE 21	SSE 21	SSE 20	SSE 23	SSE 20	SSE 22	SSE 20	SSE 21	NNW 24	01 C.S.T.
12	N 21	N 16	N 20	N 17	N 15	N 13	N 10	N 6	N 3	N 7	N 6	N 8	N 8	N 7	N 6	N 7	N 6	N 6	N 6	N 7	N 7	N 9	S 35	08 C.S.T.
13	S 12	S 12	S 12	S 14	S 18	S 24	S 26	S 23	S 21	S 20	S 16	S 14	S 18	S 17	S 16	S 17	S 14	S 13	S 14	S 10	S 9	S 9	S 24	01 C.S.T.
14	NNW 8	NNW 9	NNW 9	NNW 8	NNW 7	NNW 12	NNW 8	NNW 7	NNW 9	NNW 6	NNW 8	NNW 9	NNW 7	NNW 8	NNW 9	NNW 7	NNW 5	NNW 6	NNW 7	NNW 6	NNW 7	NNW 13	S 24	08 C.S.T.
15	SSW 10	SSW 9	SSW 10	SSW 9	SSW 13	SSW 14	SSW 10	SSW 12	SSW 15	SSW 16	SSW 16	SSW 16	SSW 15	SSW 21	SSW 17	SSW 18	SSW 16	SSW 16	SSW 10	SSW 9	SSW 7	SSW 7	WSW 25	15 C.S.T.

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