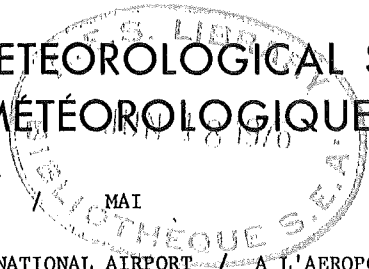




MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL



MONTH/MOIS MAY / MAI

19 76

AT/À WINNIPEG INTERNATIONAL AIRPORT / A L'AEROPORT INTERN. DE WINNIPEG, MAN.

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: 786 FEET (ASL) ALTITUDE: 786 PIEDS (MER)		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				
	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	8.8	-2.7	3.1	14.9	0.0	90	37		Tr.	Tr.	0	25.7	NNW	N	44	5.4				
2	7.5	-5.5	1.0	17.0	0.0	77	27			Tr.	0	29.8	NNW	NNW	37*	10.9				
3	12.2	-8.2	2.0	16.0	0.0	75	21				0	11.4	WNW	WSW	19	13.9				
4	19.2	0.0	9.6	8.4	4.6	77	34	Tr.		Tr.	0	28.3	N	NW	37*	8.9				
5	5.4	-5.7	-0.2	18.2	0.0	83	32				0	19.9	NNW	N	37	14.3				
6	8.9	-5.5	1.7	16.3	0.0	85	28				0	15.1	WNW	NNW	33	12.6				
7	18.3	-5.3	6.5	11.5	1.5	92	18				0	11.0	WSW	W	22*	13.9				
8	21.7	7.2	14.5	3.5	9.5	45	13				0	15.1	NW	NW	24*	13.2				
9	27.2	4.4	15.8	2.2	10.8	73	21	Tr.		Tr.	0	20.8	S	NNW	41	11.1				
10	15.1	4.4	9.8	8.2	4.8	70	36				0	16.2	NNE, WNW, NNW	NNW	28*	14.4				
11	20.4	1.7	11.1	6.9	6.1	81	21				0	17.4	SE	SE	31	14.4				
12	22.3	7.9	15.1	2.9	10.1	82	26	Tr.		Tr.	0	16.2	SE	SE	28	7.8				
13	20.1	6.3	13.2	4.8	8.2	98	27		2.3		0	17.2	WNW	WNW	37	13.4				
14	20.0	6.4	13.2	4.8	8.2	96	32		5.3		0	12.2	SSE	SSE	30	0.3				
15	21.1	8.0	14.6	3.4	9.6	98	26		1.8		0	9.9	NNW	NW	28	9.0				
16	18.6	1.4	10.0	8.0	5.0	90	26				0	11.2	NNE	NNE	19*	14.8				
17	19.4	-2.3	8.6	9.4	3.6	83	16				0	5.2	ESE	NNE	9*	12.8				
18	26.6	9.3	18.0	0.0	13.0	36	16				0	23.7	SSE	S	41	10.3				
19	22.6	7.1	14.9	3.1	9.9	73	21				0	14.5	NW	NW	26*	11.8				
20	19.8	4.6	12.2	5.8	7.2	80	37				0	10.9	NNE	NNW	17*	14.0				
21	19.8	6.7	13.3	4.7	8.3	73	28				0	7.8	SE	ESE	13	8.0				
22	23.5	1.7	12.6	5.4	7.6	88	19				0	6.5	ENE, C	NE	17	15.2				
23	23.7	0.6	12.2	5.8	7.2	79	13				0	8.5	ENE	E	19	14.8				
24	25.0	-0.1	12.5	5.5	7.5	83	14				0	5.9	SE	SE	17	14.2				
25	27.4	6.6	17.0	1.0	12.0	51	19				0	14.3	S	SSE	26	12.7				
26	19.3	11.6	15.5	2.5	10.5	92	40		1.0		1.0	19.3	SSE	S	33*	3.4				
27	20.6	7.2	13.9	4.1	8.9	90	46				0	12.2	SE, SSE	SSE	22	11.6				
28	24.4	3.3	13.9	4.1	8.9	91	37				0	10.7	SE	SE	24	14.5				
29	27.8	11.4	19.6	14.6	8.0	80	28				0	15.7	S	SSE	28	14.4				
30	29.5	10.2	19.9	14.9	7.5	75	24				0	8.7	SE	SE	19	13.0				
31	29.1	9.8	19.5	14.5	8.6	31		Tr.		Tr.	0	12.5	SE	ESE	37	7.9				
MEAN MOYENNE	20.2	3.3	11.8	TOTAL 198.4	TOTAL 227.0	80	26	TOTAL	TOTAL 10.4	TOTAL Tr.	TOTAL 10.4		14.6	PREVAILING DOMINANTE SSE	MAXIMUM N	TOTAL 44	356.9			
NORMAL NORMALE	17.1	4.1	10.6	233.3	181.2			2.0	54.6	2.5	57.2		21.1	NNE			246.4			
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		198.4	180.4	233.3	TOTAL FOR MONTH TOTAL DU MOIS		227.0	225.4	181.2	4	4	2	0	0	0	0	0	0	0	
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET		5640.5	5709.2	5790.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL		280.0	258.1	241.3	4	4	2	0	0	0	0	0	0	0	

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

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		MAY / MAI		19 76							
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	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	29.5		26.7	16	30.0	37.8	30	1934	21.7	27,28	1974	105	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	-8.2		-0.6	5	-4.4	0.6	30	1922	-11.7	2	1907	105	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	11.8		12.2		10.6	15.6		1922	4.4		1907	105	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	10.4		45.2		54.6	158.0		1911	.8		1917	105	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	Tr.		2.8		2.5	32.5		1931	Nil	(Several)		105	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	10.4		47.5		57.2	162.1		1911	.8		1917	105	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	4		13		9	17		1974 1950	1		1917	93	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	5.3	14	10.2	20		67.6	11	1911				105	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	Tr.	1,2	2.8	1		21.1	1	1967				105	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	5.3	14	10.2	20		71.1	11	1911				105	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES	.8	26	2.3	20		9.7	23	1973				17	
10 MINUTES	.8	26,14	3.0	20		18.8	23	1973				17	
15 MINUTES	.8	14,15 26	3.0	20		21.6	23	1973				17	
30 MINUTES	1.0	14,15 26	5.3	20		25.1	20	1974				17	
60 MINUTES	1.8	13,14	8.4	20		28.7	20	1974				17	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	5.3	14	10.2	20		67.6	11	1911				105	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	14.6		17.1		21.1	26.1		1959	14.6		1972 1976	56	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	N 44	1	S 47	16	59	NW 80	10	1959				38	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	S 59	18	S 76	16	85	NW 109	10	1959				33	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	356.9		283.8		246.4	357.4		1917	126.6		1927	77	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	98.6		98.3		98.5	98.9		1961	98.2		1965	38	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	99.9	7	99.8	9	100.0	100.5	7	1951				38	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	96.7	4	96.6	19	96.6				95.5	5	1950	38	
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES												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 DEGREES-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGREES-JOURS DE CROISSANCE		
1967	27.8	-10.6	8.1	5.6	23.1	28.2	20.4	N 64	289.2	307.8	140.0		
1968	28.9	-8.3	9.3	89.7	8.9	99.1	20.8	N 56	224.8	266.7	151.7		
1969	32.8	-3.9	10.5	76.7	Tr.	76.7	19.0	N 45	288.4	237.8	178.3		
1970	31.1	-5.6	9.3	86.1	0.5	86.6	20.3	NW 53	205.4	268.3	148.9		
1971	27.2	-3.3	10.1	47.0	N11	47.0	18.7	S 50	326.7	240.6	165.0		
1972	33.3	-3.9	14.6	25.9	3.0	29.0	14.6	SSW 43	288.0	132.2	303.3		
1973	27.2	-7.8	10.6	103.1	Tr.	103.1	18.5	N 53	293.4	227.8	179.4		
1974	21.7	-2.2	8.6	155.2	0.8	156.0	17.2	SE 47	202.0	288.3	121.1		
1975	26.7	-0.6	12.2	45.2	2.8	47.5	17.1	S 47	283.8	180.4	225.4		
1976	29.5	-8.2	11.8	10.4	Tr.	10.4	14.6	N 44	356.9	198.4	227.0		

May 1976 was one of the sunniest, driest and calmest on record. The sun shone for 356.9 hours which is just minutes short of the all-time record of 357.4 hours in 1917. Wind averaged 14.6 KM/H to equal the lowest on record set in 1972. Relative humidity averaged 50%, which is the lowest on record since 1961 when it averaged 48%.

Precipitation of 10.4 mm was well below the average of 57.2 mm, but it exceeded the all-time driest May, which occurred in 1917 with only 0.8 mm.

Temperatures averaged slightly above normal at 11.8C compared to 10.6C and extremes ranged from May 3 with a minimum of -8.2C to May 30 with a maximum of 29.5C.

DAILY WEATHER SUMMARY FOR MAY 1976AT WINNIPEG, MANITOBA

1. Below normal temperature. Mostly cloudy. Snow flurries 8:20AM to 9:34AM. Snow pellets 9:37AM to 9:44A.M. Gusty northerly winds.
2. Cool. Partly cloudy. Snow 3:25 a.m. to 4:15 a.m. Gusty NNW winds.
3. Cool. Sunny. Light winds.
4. Normal temperature. Partly cloudy. Rain showers 9:40 a.m. to 10:01 a.m. Gusty north winds afternoon and evening.
5. Cool. Sunny. Gusty northwest winds in afternoon.
6. Below normal temperature. Partly cloudy late morning and early afternoon. Gusty north winds in afternoon.
7. Below normal temperature. Sunny. Mostly light winds.
8. Above normal temperature. Sunny. Mostly light winds.
9. Mild. Partly cloudy. Showers 12:34 p.m. to 12:44 p.m. Mostly light winds.
10. Normal temperature. Mostly sunny with light winds.
11. Near normal temperature. Sunny. Mostly light winds.
12. Mild. Partly cloudy. Showers 3:36 p.m. to 5:35 p.m. 11:10 p.m. continued.
13. Above normal temperature. Sunny. Showers to 2:14 a.m.
14. Above normal temperature. Cloudy. Showers or rain 6:55 a.m. to 10:12 p.m. Mostly light winds. Light fog in afternoon.
15. Above normal temperature. Rain or showers 2:12 a.m. to 6:08 a.m. Light fog in morning. Mostly light winds.
16. Below normal temperature. Sunny. Gusty northwest winds.
17. Below normal temperature. Sunny. Light winds.
18. Warm. Partly cloudy. Gusty south winds.
19. Above normal temperature. Mostly sunny. Gusty northwest winds.
20. Near normal temperature. Mostly sunny. Light winds.
21. Normal temperature. Partly cloudy. Light winds.
22. Normal temperature. Sunny with light winds.
23. Normal temperature. Sunny with mostly light winds.
24. Near normal temperature. Sunny. Light winds.
25. Above normal temperature. Sunny. Mostly light winds.
26. Above normal temperature. Mostly cloudy. Showers 10:06 a.m. to 1:50 p.m. 5:38 p.m. to 9:05 p.m. gusty south winds.
27. Near normal temperature. Partly cloudy. Mostly light winds.
28. Normal temperature. Sunny. Mostly light winds.
29. Warm. Sunny. Mostly light winds.
30. Warm. Partly cloudy. Light winds.
31. Warm. Partly cloudy. Haze 07.10 to 11:20 a.m. Showers 1:05 p.m. to 1:15 p.m.

Note: All Times are Central Standard

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY 1976
 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.	1.3	-1.3	-1.1	-1.4	-1.1	-1.1	-1.1	-1.8	1.9	2.3	3.2	4.2	5.1	6.2	7.1	7.5	5.1	3.9	3.3	1.6	1.1	-1.7	-2.2	-1.6	-1.7
2.	-1.8	-1.4	-1.2	-1.6	-1.6	-1.6	-1.6	-1.7	1.4	-1.0	.4	1.7	3.2	4.0	5.1	4.9	5.9	6.7	6.1	4.8	3.3	.2	-5	-3.1	-3.6
3.	-5.1	-5.4	-5.3	-6.7	-6.6	-7.8	-5.6	-1.2	1.4	4.2	5.2	6.9	7.3	9.2	10.4	10.7	10.8	11.7	11.7	9.4	8.3	8.3	8.3	7.4	
4.	6.4	5.5	4.9	4.6	4.6	5.0	5.9	7.1	9.0	15.6	16.6	18.4	18.9	16.7	16.1	14.2	14.4	9.8	7.2	5.0	3.8	1.1	.6	1.0	
5.	.4	-1.6	-2.1	-3.6	-4.4	-5.3	-3.9	-2.6	-1.8	-1.1	.6	2.1	2.1	3.8	4.4	4.4	4.9	4.4	4.8	3.3	1.7	-1.8	-2.6	-2.8	
6.	-2.0	-3.4	-3.6	-4.1	-5.2	-5.2	-4.4	.2	3.3	4.5	4.6	5.3	5.6	6.8	7.3	8.1	6.6	6.1	5.6	4.4	2.4	.8	-1.7	-3.8	
7.	-3.7	-3.9	-5.3	-5.1	-3.3	-3.4	-1.8	1.3	5.6	7.8	10.1	12.9	13.3	15.4	16.6	17.8	17.2	17.4	17.3	16.7	13.9	11.6	10.6	10.3	
8.	9.4	8.3	8.6	8.3	7.6	7.6	8.1	10.9	15.0	17.2	18.9	19.4	20.6	20.9	20.7	21.2	20.9	20.6	19.9	18.2	15.3	12.4	11.7	11.2	
9.	9.4	10.5	10.8	8.4	8.2	7.8	9.0	13.9	18.3	22.8	25.0	26.7	25.9	21.9	23.9	25.3	24.4	22.2	20.9	19.0	13.9	11.6	6.6	6.1	
10	5.7	8.4	8.9	8.0	5.6	6.7	7.2	10.1	9.2	9.9	9.4	10.9	11.8	12.9	14.3	14.5	14.3	14.0	12.9	12.2	9.3	7.4	5.7	5.4	
11	4.8	4.9	4.2	4.0	3.3	1.8	4.4	7.1	10.4	12.9	14.4	15.9	16.9	18.3	19.7	20.0	20.0	19.9	19.4	17.9	16.3	14.4	13.2	11.9	
12	11.1	10.6	9.4	8.8	8.4	8.3	10.0	12.3	14.4	16.4	17.7	20.0	20.2	21.3	19.2	16.9	15.5	13.5	13.2	13.3	12.8	12.2	11.2	12.2	
13	11.1	9.4	9.2	8.9	7.3	6.7	7.0	9.4	10.7	13.2	15.0	16.7	17.8	18.3	19.0	19.6	19.2	19.3	18.3	15.6	13.1	10.0	11.6	9.4	
14	7.7	7.7	7.7	6.8	9.3	10.0	10.1	12.5	15.5	18.0	19.9	16.5	16.7	16.1	15.4	15.2	14.8	15.2	15.6	14.9	14.6	13.6	13.6	11.8	
15	11.3	12.6	12.3	11.2	11.9	11.9	11.6	10.6	12.2	13.6	14.9	15.7	16.9	18.9	20.0	21.1	20.7	19.3	18.6	17.2	15.1	10.3	8.9	8.4	
16	8.2	4.9	2.9	3.9	1.7	3.9	9.1	11.9	13.9	14.8	16.1	16.9	16.9	16.9	18.1	18.1	17.3	16.9	16.2	14.3	11.7	8.4	7.2	2.7	
17	2.2	1.8	-2	-6	-2.2	-1.1	-1.1	6.3	10.3	12.8	14.4	15.0	16.1	16.6	17.7	18.3	18.6	18.7	18.3	16.6	15.4	13.4	11.8	10.2	
18	10.7	11.7	10.6	10.9	10.6	9.6	10.3	12.4	14.8	17.8	19.4	20.0	21.1	21.7	23.4	24.3	24.8	25.0	25.0	23.9	21.7	20.3	19.1	18.5	
19	17.2	16.6	14.8	14.8	11.2	9.1	10.3	13.3	17.4	17.8	19.7	21.8	22.0	21.2	21.6	21.3	21.1	20.6	20.1	19.2	14.4	12.1	11.7	7.8	
20	7.2	6.2	6.3	4.8	6.1	6.0	6.6	11.9	14.4	15.3	16.6	17.8	17.6	18.1	18.9	19.1	18.7	18.8	17.8	17.1	14.8	13.3	11.5	10.0	
21	8.3	11.6	11.0	10.0	9.0	8.2	8.9	10.3	11.9	12.8	13.9	14.4	16.7	16.2	17.4	18.7	19.3	19.6	19.2	18.1	15.3	11.7	10.6	10.0	
22	7.4	5.1	4.3	3.9	4.6	2.7	4.4	12.6	15.7	17.3	18.3	19.3	20.1	21.8	22.6	22.1	23.3	22.6	22.1	20.6	17.4	15.3	12.1	8.9	
23	6.0	3.4	4.4	8.9	5.6	5.1	9.9	12.2	14.9	17.8	18.3	20.1	20.8	21.8	22.2	23.0	22.9	23.0	22.1	20.5	16.6	14.2	11.7	9.5	
24	5.2	4.9	6.2	4.4	2.0	.6	4.2	11.7	15.6	18.2	19.7	21.2	21.7	23.3	23.9	24.0	24.4	24.0	23.2	21.3	17.3	15.3	17.1	15.6	
25	14.3	13.3	10.6	8.8	9.3	7.5	9.9	13.3	16.7	20.6	24.1	24.2	25.2	25.6	26.7	26.8	26.4	26.0	24.7	24.0	22.1	21.4	20.7	19.9	
26	17.5	16.1	15.2	15.0	15.5	16.1	15.8	16.1	17.6	17.5	17.3	16.1	14.4	14.3	16.1	18.6	17.8	18.4	17.9	17.9	16.7	16.4	15.9	13.8	
27	12.3	11.3	10.0	8.9	8.2	7.8	6.9	11.1	13.9	14.9	17.1	16.2	17.7	18.4	18.3	19.4	18.8	20.1	18.7	18.1	16.2	11.1	10.6	8.9	
28	7.4	7.9	7.3	5.1	4.1	4.0	10.1	13.3	16.1	18.1	20.3	21.2	22.1	23.4	23.2	22.3	23.4	23.9	23.5	22.8	20.4	18.4	16.0	14.8	
29	14.2	14.3	12.8	12.1	11.8	11.7	12.8	15.4	17.8	20.0	21.8	23.4	24.8	25.6	25.7	26.9	26.9	26.0	26.0	24.3	21.2	20.5	19.9	17.9	
30	15.7	15.0	12.9	14.1	11.6	11.1	12.6	17.1	20.6	24.4	25.6	26.7	27.9	28.3	28.5	28.9	28.1	28.4	27.7	25.9	23.3	21.6	21.5	20.8	
31	18.5	17.7	16.0	15.6	14.9	10.6	12.8	17.8	19.6	20.7	23.8	25.6	27.6	26.8	27.9	26.6	26.7	27.6	26.7	25.7	23.9	21.5	18.8	18.5	
MEAN	7.7	7.3	6.6	6.1	5.5	4.9	6.3	9.6	12.1	14.2	15.6	16.6	17.3	17.8	18.4	18.7	18.5	18.1	17.5	16.3	13.9	11.8	10.6	9.4	

1976

MAY

INTERNATIONAL AIRPORT FOR THE MONTH OF

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG

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.	.6	-5	-8	-1.2	-1.6	-1.3	.9	.7	.3	.8	.8	.8	1.7	2.2	2.3	1.2	.1	-1.0	-1.3	-3.2	-3.8	-2.9	-2.9	-2.9
2.	-3.1	-2.4	-2.8	-2.8	-2.8	-2.9	-3.1	-2.3	-1.0	-1.1	.0	.0	.1	.7	.5	1.2	1.6	.7	-2	-2.9	-3.6	-4.9	-5.3	-5.3
3.	-7.1	-6.5	-6.9	-7.6	-8.5	-6.8	-3.6	-1.1	.5	-1.1	1.6	1.6	1.6	2.7	3.3	3.3	3.3	3.9	4.4	3.3	2.8	2.8	2.4	2.4
4.	1.8	1.3	1.1	1.1	1.4	2.2	3.2	4.4	8.3	9.5	10.5	11.3	10.2	10.2	10.2	9.1	9.0	5.6	3.9	2.3	1.3	-4	-8	-8
5.	-1.8	-2.7	-3.9	-4.8	-5.0	-5.1	-4.8	-4.5	-3.7	-3.1	-1.8	-1.2	-1.1	-2	-2	.0	.1	-4	-6	-1.1	-2.2	-4.3	-4.4	-4.9
6.	-4.3	-5.3	-5.4	-5.7	-6.2	-5.9	-5.3	-1.9	-2	-1.0	.0	.0	.8	1.6	1.7	2.3	1.8	1.7	1.3	.6	-6	-1.8	-3.4	-4.7
7.	-4.3	-4.1	-5.9	-5.5	-4.5	-4.7	-3.3	-7	1.6	2.7	4.0	5.2	5.6	6.7	7.2	7.9	7.3	7.3	7.1	7.1	5.7	4.4	3.9	3.9
8.	3.3	2.6	2.7	2.6	2.4	2.7	3.3	5.8	8.5	9.6	9.9	9.6	10.1	9.8	9.3	8.9	8.8	9.0	8.8	8.9	7.2	5.8	5.3	5.1
9.	4.4	4.4	4.1	2.4	2.4	2.7	3.7	6.7	9.4	11.7	12.9	13.9	14.6	13.9	14.4	14.6	14.3	12.3	11.1	9.4	8.2	7.1	4.2	3.9
10	3.8	4.0	4.5	4.4	2.8	3.6	3.9	6.1	5.6	5.6	6.3	6.3	6.8	7.2	7.8	7.8	7.8	7.4	6.4	6.1	4.9	3.9	3.1	3.2
11	2.7	2.8	2.3	2.2	1.7	.6	2.2	3.6	5.5	6.9	7.4	8.2	8.3	8.8	9.4	9.5	9.5	9.7	9.1	8.3	6.9	6.7	5.7	5.1
12	4.5	4.1	3.4	3.2	3.3	3.3	4.4	6.1	7.1	8.3	8.9	10.3	10.7	11.4	10.6	9.8	9.3	9.8	9.2	9.3	9.1	9.1	8.9	9.9
13	9.5	9.2	8.8	8.4	7.1	6.1	6.4	8.3	8.9	10.0	10.6	11.6	10.7	10.3	10.3	10.5	9.9	10.1	9.8	9.7	8.4	6.8	7.7	6.3
14	5.1	5.1	5.1	4.8	6.1	6.4	6.2	7.2	8.8	10.0	11.2	12.5	13.2	13.8	14.1	14.3	14.1	14.4	14.5	14.3	13.8	13.3	13.1	11.4
15	11.0	12.3	12.2	11.1	11.8	11.1	9.8	9.2	10.1	10.4	10.6	10.7	11.1	10.6	10.6	11.4	11.2	9.9	9.2	9.3	8.3	6.1	5.4	4.9
16	4.7	3.2	1.7	2.8	2.8	1.1	2.8	6.1	6.7	7.5	7.8	7.9	8.3	8.8	8.9	9.4	8.9	8.9	8.4	7.7	6.3	4.8	3.4	1.0
17	.4	.2	-1.2	-1.7	-3.0	-2.2	-1.1	3.6	5.7	6.6	6.6	7.1	7.7	7.6	8.1	8.1	8.0	7.9	8.6	7.9	7.0	6.8	5.6	4.4
18	4.5	5.0	4.4	4.3	4.2	3.9	4.3	5.6	6.6	8.7	9.1	9.3	9.9	10.1	10.7	11.5	11.6	11.8	12.2	11.4	10.6	9.9	9.3	8.9
19	8.2	7.8	7.1	7.1	6.7	4.4	6.0	7.9	9.4	10.6	11.3	12.6	11.7	11.7	10.9	10.6	10.1	10.6	10.5	10.1	8.4	7.0	7.4	5.6
20	4.9	4.4	4.4	3.4	4.4	4.4	4.8	8.6	10.2	10.0	10.6	11.0	10.5	11.7	11.7	11.7	11.6	11.1	10.4	10.1	10.0	9.1	8.3	7.9
21	6.8	8.0	7.5	7.0	5.9	6.0	6.3	6.9	7.6	7.8	8.2	8.6	9.4	9.4	10.0	10.1	10.0	10.5	10.8	10.3	9.3	7.6	6.6	6.4
22	5.2	4.0	3.2	2.7	3.2	1.8	3.6	8.3	8.7	9.1	9.9	9.9	10.4	11.2	11.1	10.9	11.1	11.2	11.3	10.5	9.5	8.3	7.6	5.9
23	3.8	2.1	1.8	3.7	2.2	1.8	3.4	6.1	7.6	8.9	8.8	9.5	9.7	9.9	9.9	10.1	9.7	9.9	10.3	9.5	8.3	6.8	6.1	5.2
24	3.3	2.8	3.1	2.2	.5	-4	2.2	6.7	7.4	8.9	8.7	9.4	9.5	10.6	10.9	10.7	11.1	11.1	10.6	10.2	8.1	7.2	7.5	6.6
25	6.2	5.6	4.4	3.8	4.2	3.4	5.5	7.1	9.1	11.5	12.8	12.6	12.8	12.9	13.6	13.6	13.2	13.0	12.4	12.4	11.7	11.2	11.0	10.6
26	9.7	9.3	9.1	8.9	9.3	9.9	10.2	11.0	11.7	11.9	12.6	12.9	12.7	13.5	13.9	13.8	13.9	14.0	13.8	13.8	13.6	13.8	13.2	12.1
27	10.8	9.2	8.3	7.4	7.2	7.0	7.8	9.9	11.1	11.8	12.7	11.8	12.8	12.9	13.1	13.4	12.7	13.3	12.9	12.8	11.8	9.3	8.8	7.2
28	6.6	6.7	6.2	4.4	3.8	3.5	9.3	11.0	12.2	12.7	13.9	14.0	14.3	14.9	14.6	14.3	14.6	14.9	14.5	14.1	13.4	12.4	11.3	10.7
29	10.6	10.7	10.2	9.9	10.0	9.9	10.9	12.2	13.7	13.5	14.3	15.1	15.2	15.4	15.4	15.6	15.3	15.0	14.9	14.4	13.4	12.8	12.8	11.9
30	11.0	10.3	9.3	10.0	8.7	9.0	10.3	12.7	11.4	15.0	15.3	15.7	15.9	15.8	15.8	15.9	15.3	16.3	16.1	15.9	15.1	14.0	13.8	14.4
31	13.5	13.1	12.4	12.2	12.1	9.4	11.4	14.2	15.5	15.7	16.2	16.8	17.7	16.7	16.7	16.6	16.2	16.6	16.9	16.7	16.6	15.9	14.2	14.6
MEAN	4.4	4.1	3.6	3.3	3.0	2.6	3.7	5.8	7.0	8.1	8.6	9.2	9.5	9.7	9.9	9.9	9.7	9.6	9.3	8.8	7.8	6.7	6.1	5.5

1976

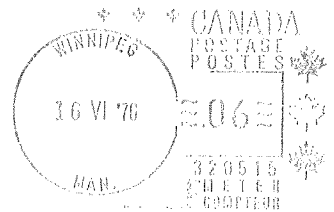
ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY
IN KILOMETRES PER HOUR

ALL TIMES ARE C.S.T.		INTERNATIONAL AIRPORT FOR THE MONTH OF MAY																				PEAK GUST	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			
1	NW 19	NW 17	NW 17	NW 17	NW 17	NW 17	NW 17	NW 17	NW 17	NW 19	NW 28	NW 24	NW 28	NNW 30	NNW 30	NNE 28	N 39	N 44	N 39	N 28	N 35	N 30	NNW 26	NNW 24	NNW 28	N	56	19 CST
2	NNW 33	NNW 31	NNW 22	NNW 37	NNW 33	NNW 33	NNW 37	NNW 33	NNW 37	N 33	N 33	N 37	NNW 37	NNW 31	NNW 33	NNW 35	NNW 33	NNW 31	NNW 37	N 31	N 37	N 19	NNW 22	NNW 11	NNW	54	11 CST	
3	WNW 13	WNW 13	WNW 9	WNW 9	WNW 7	WNW 6	WNW 7	WNW 11	WNW 11	N 13	N 13	N 11	N 11	WNW 9	WNW 7	WSW 7	WSW 13	WSW 19	WSW 15	WSW 15	WSW 17	SW 7	S 9	SSW 17	SSW	55	15	
4	SSW 19	SSW 20	S 20	S 24	S 24	SSW 28	SSW 26	SSW 30	SSW 24	SSW 28	SSW 24	SSW 28	WNW 31	WNW 31	WNW 37	WNW 33	WNW 28	WNW 31	N 37	N 33	N 33	N 28	N 28	N 33	N	52	16 CST	
5	N 37	N 17	NNW 15	NNW 13	NNW 11	NNW 22	NNW 24	NNW 24	NNW 26	NNW 22	NNW 28	NNW 22	NNW 22	NNW 24	NNW 26	NNW 28	NNW 24	NNW 28	NNW 24	NNW 28	NNW 19	NNW 15	NNW 11	NNW 9	NNW	52	13 CST	
6	WNW 11	WNW 9	WNW 9	WNW 9	W 7	W 7	WNW 9	WNW 7	WNW 9	WNW 19	WNW 22	WNW 28	NNW 22	N 22	NNW 33	N 28	NE 26	NE 20	NE 20	NE 19	NE 15	NE 7	E 2	ENE 4	N	44	16 CST	
7	WNW 2	WNW 2	SW 2	WSW 4	WSW 4	SSW 6	SSW 7	SSW 9	SSW 7	SSW 11	SSW 15	SSW 17	SSW 19	SSW 22	SSW 22	SSW 22	SSW 20	SSW 19	SSW 20	SSW 19	SSW 11	SSW 13	SSW 11	SSW 11	WSW	32	18 CST	
8	SW 15	SSW 17	SSW 17	SSW 13	W 13	W 13	WNW 19	WNW 13	WNW 15	WNW 20	WNW 24	WNW 28	WNW 24	WNW 28	WNW 22	WNW 24	WNW 30	WNW 41	NNW 33	NNW 26	NNW 20	E 9	ESE 4	SE 7	NNW	33	14 CST	
9	SE 9	SSE 15	S 17	S 19	S 19	S 20	S 26	S 22	SSW 24	SSW 28	SSW 24	SSW 28	SSW 24	SSW 28	SSW 24	SSW 28	SSW 30	NNW 41	NNW 33	NNW 26	NNW 20	NNW 9	NNW 4	NNW 4	NNW	50	17 CST	
10	WSW 7	WNW 11	WNW 13	WNW 9	WNW 13	WNW 28	WNW 24	WNW 24	WNW 24	N 28	NNW 28	NNW 19	NNW 17	NNW 24	NNW 17	NNW 26	NNW 22	NNW 26	NNW 19	NNW 9	NNW 7	NNW 6	NNW 6	NNW 7	NNW	41	10 CST	
11	ENE 7	ENE 6	E 6	SE 7	SE 7	SE 7	SSE 7	SSE 13	SE 17	SE 19	SE 20	SSE 20	SSE 20	SSE 24	SSE 28	SE 28	SE 31	SSE 30	SSE 22	SSE 20	SE 26	SE 17	ESE 26	ESE 19	SE	41	15 CST	
12	SE 19	SE 17	SE 15	SE 15	SE 15	SE 17	SE 19	SE 20	SE 20	SE 24	SE 28	SE 28	SE 22	SE 22	SE 20	SE 22	SE 13	SSW 4	SSW 4	SSW 4	SSW 4	NNW 7	NNW 6	NNW 24	SSE	41	13 CST	
13	NW 17	NW 11	WNW 9	WNW 9	WNW 7	WNW 7	WNW 15	WNW 19	WNW 20	WNW 28	WNW 28	WNW 28	WNW 35	WNW 37	WNW 28	WNW 31	WNW 28	WNW 22	WNW 17	ENE 13	ENE 7	ENE 6	ENE 11	ENE 7	WNW	56	13 CST	
14	SE 7	SE 7	SSE 17	SSE 17	SSE 19	SSE 28	SSE 28	SSE 30	SSE 28	SSE 28	SSE 28	SSE 19	SSW 11	SSW 13	SSW 4	SSW 4	SSW 6	SSW 9	SSW 7	SSW 9	SSW 7	SSW 6	SSW 4	SSW 6	SSE	41	09 CST	
15	WSW 6	WSW 4	SW 4	NW 4	ENE 6	ENE 9	ENE 9	ENE 9	NNW 7	NNW 9	NNW 13	NNW 9	NNW 6	NNW 9	NNW 17	NNW 13	NNW 28	NNW 20	NNW 13	NNW 4	NNW 4	NNW 4	NNW 7	NNW 6	NNW	41	16 CST	

16	WNW	NNW	NW	NNE	N	NNE	NE	NNE	NNE	N	N	NNE	N	NNE	N	NNE	NE	NE	NE	N	4	12 CST	NNE	46
	6	6	6	7	6	7	7	17	19	19	19	17	15	9	17	13	13	15	9	7	7			
17	NNE	N	NW	NW	NW	NW	ENE	SSW	ESE	SW	S	C	SSE	E	NNW	SE	ESE	SE	NE	E	ESE	ESE		
	9	6	4	4	4	4	4	6	6	4	4	0	4	7	2	7	4	6	7	9	9	7		
18	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	S	S	SSE	S	SSE	S	SSE	SSE	SE	SE	SSE	SSE		
	9	9	13	15	13	15	17	22	28	30	33	31	37	41	37	30	33	31	20	20	20	22		
19	S	S	WSW	SW	W	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	N	NNW			
	19	15	11	9	4	7	11	13	11	15	17	24	24	26	24	20	19	17	9	6	9	6		
20	NNW	NW	WNW	WNW	WNW	NW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE		
	7	6	6	4	6	7	17	11	17	17	15	15	13	17	11	15	13	9	9	7	7			
21	NE	E	ESE	ESE	SE	SE	SE	SE	E	ENE	ENE	E	E	NNE	NE	E	NNE	NE	NE	ENE	ENE	NE		
	6	11	13	9	7	6	7	9	11	7	4	9	9	9	6	9	7	6	6	7	7	6		
22	ENE	NNE	C	C	SE	C	C	E	ESE	SE	SE	E	E	NNE	ENE	NE	NE	NE	ENE	ENE	NE			
	4	2	0	0	4	0	0	4	4	2	7	7	15	9	15	13	17	9	13	6	4			
23	ENE	C	C	ESE	ENE	C	ESE	SE	E	ENE	ENE	NE	E	ENE	ENE	NE	ENE	ENE	ENE	ENE	E			
	4	0	0	4	4	0	6	15	11	7	6	9	15	11	15	11	13	9	9	7	4			
24	C	C	C	NE	C	C	ESE	SE	SE	SE	S	SE	S	S	S	SSE	SSE	SE	SE	SE	SE			
	0	0	0	4	0	0	4	4	6	4	7	17	4	11	6	7	9	9	7	9	13			
25	SSE	SSE	SSE	S	SSE	S	SSW	SSW	SSW	S	SSW	S	SSE	S	S	S	SSE	SSE	S	SSE	SSE			
	11	13	7	6	4	4	6	7	6	7	15	19	24	24	26	22	22	19	7	19	17			
26	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SW	S	S	SSE	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE			
	15	13	11	11	11	9	13	20	17	19	33	13	9	24	28	31	30	33	31	24	20			
27	SSE	SSE	SSE	S	SSE	SSE	S	SSE	SE	ESE	SE	SE	SSE	S	SE	SE	SE	SE	C	C	N			
	17	19	15	13	9	11	7	17	15	17	17	11	17	13	22	15	9	13	11	0	0			
28	NE	E	C	NNE	C	C	SE	SSE	SSE	ESE	SE	E	SE	SSE	SE	SSE	SE	SSE	SE	ESE	SE			
	6	7	0	6	0	11	6	6	13	15	17	19	24	19	17	11	15	9	11	7	11			
29	SSE	SSE	S	SSE	S	S	S	S	S	SSE	S	SSE	S	SSE	S	SE	SSE	SE	SSE	SSE	SSE			
	11	15	11	11	15	11	11	19	20	19	22	24	19	28	22	24	22	17	13	11	9			
30	SSW	SSE	S	C	SSE	W	SE	C	W	WSW	C	SE	ESE	SE	SE	C	SE	SSE	SSE	SE	SSE			
	9	6	6	0	4	9	6	0	4	7	0	15	11	15	15	6	0	19	15	7	13			
31	SSE	S	SSE	SE	C	C	SE	C	SE	C	SSE	ENE	ESE	E	SE	ESE	SE	SE	SE	SE	SSE			
	11	4	7	4	2	0	0	0	6	0	7	17	17	28	19	22	37	28	26	20	15			

SUM

MEAN 11.810.6 9.5 9.1 9.7 9.610.513.014.916.517.218.719.218.820.520.120.320.618.716.511.911.610.911.1



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