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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MAY / MAI

19 79

JUN 18 1979

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: ALTITUDE:		METRES (ASL) MÉTRES (NMM) 239.6		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	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	8.0	1.2	4.6	13.4		94	60		6.0	Tr.	6.0	Tr.	23.0	S	SE 37	1.3				
2	1.4	-2.5	-0.6	18.6		96	71			0.8	0.8	Tr.	34.7	NNW	NNW 46	0.0				
3	1.5	-2.9	-0.7	18.7		85	67			Tr.	Tr.	Tr.	30.0	NNW	NNW 39	0.8				
4	7.0	-2.7	2.2	15.8		97	54		0.3	Tr.	0.3	Tr.	10.1	NNW	N 20	4.1				
5	7.2	-2.0	2.6	15.4		100	49			Tr.	Tr.	Tr.	8.3	NE	NNE 30	3.3				
6	7.9	-1.3	3.3	14.7		100	46		6.2	Tr.	6.2	Tr.	24.8	E	SE 39	0.0				
7	6.2	1.6	3.9	14.1		97	90		2.5	Tr.	2.5	Tr.	12.0	SE	NW 28	0.0				
8	5.5	0.3	2.9	15.1		90	59			0.3	0.3	Tr.	26.4	WNW	NW 37*	4.6				
9	2.3	-1.1	0.6	17.4		86	67					Tr.	23.7	NNE	NE 31*	0.5				
10	3.6	-0.6	1.5	16.5		98	68		2.4	4.4	8.2	Tr.	28.0	NNE	NE 39	0.0				
11	4.8	-0.9	2.0	16.0		98	60			2.8	3.6	4	29.9	NNW	NW 46*	1.1				
12	16.0	-0.4	7.8	10.2	2.8	87	51		2.2		2.2	Tr.	16.8	W	NW 33	9.9				
13	11.5	1.2	6.4	11.6	1.4	84	41					Tr.	17.4	NNW	NNW 33*	13.1				
14	12.5	-1.6	5.5	12.5	0.5	91	31					Tr.	18.0	ENE	N 33*	14.9				
15	15.9	-2.9	6.5	11.5	1.5	95	28					Tr.	7.0	S	SSW 17*	14.7				
16	27.2	7.7	17.5	0.5	12.5	81	41		2.2		2.2	Tr.	36.5	S	SW 70	6.3				
17	19.5	4.0	11.8	6.2	6.8	98	49		1.3		1.3	Tr.	23.0	W	W 39	9.2				
18	6.2	1.5	3.9	14.1	0.0	82	59		Tr.	Tr.	Tr.	Tr.	28.0	NW	NNW 44	0.7				
19	10.2	0.0	5.1	12.9	0.1	78	51					Tr.	15.6	ENE	ENE 30	7.6				
20	12.4	2.7	7.6	10.4	2.6	85	36					Tr.	10.2	NNE	NNE 26	7.1				
21	18.0	2.0	10.0	8.0	5.0	88	31		5.2		5.2	Tr.	18.8	S	SSW 30	10.4				
22	18.9	4.3	11.6	6.4	6.6	92	34		2.9		2.9	Tr.	17.4	N	N 37	10.6				
23	14.9	1.7	8.3	9.7	3.3	90	47		1.2		1.2	Tr.	3.5	calm	NW 9	5.9				
24	21.4	4.3	12.9	5.1	7.9	89	34					Tr.	13.5	SSE	SSE 22*	14.2				
25	18.8	10.7	14.8	3.2	9.8	86	45	1	4.7		4.7	Tr.	26.2	SSW	SW 39*	2.6				
26	19.3	8.2	13.8	4.2	8.8	98	54					Tr.	19.8	NE	NE 35*	13.6				
27	22.6	5.4	14.0	4.0	9.0	97	42					Tr.	6.1	NNE	S 13	15.1				
28	27.2	9.9	18.6	0.0	13.6	82	25					Tr.	16.2	SSE	SSE 28	15.2				
29	19.2	8.5	13.9	4.1	8.9	100	32		20.3		20.3	Tr.	17.9	N	NNE 37	0.0				
30	10.0	4.5	7.3	10.7	2.3	97	74		25.2		25.2	Tr.	34.1	N	N 54	0.2				
31	14.7	2.6	8.7	9.3	3.7	90	48					Tr.	17.5	NW	N 26	14.8				
MEAN MOYENNE	12.6	2.0	7.3	330.3	107.1	91	50	1	82.6	8.3	93.1		19.8	N DOMINANTE	SW 70	201.8				
NORMAL NORMALE	17.1	4.1	10.6	236.3	186.5			2.0	54.6	2.5	57.2		21.1	NNE	59	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		330.3	127.6	236.3	TOTAL FOR MONTH TOTAL DU MOIS		107.1	294.2	186.5											
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 ^{er} JUILLET		6620.1	5990.8	5811.9	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 ^{er} AVRIL		115.5	343.6	236.3	17	14	12	2	0	4	2	2	0	0	

UDC 551.506.1 () *Indicates more than one occurrence of same speed, but not necessarily the same direction. Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December) / Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre)

Prevailing Direction - 9th also - N, NE, 11th also - NW, 27th - E, 28th - S.

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		MAY / MAI		1979								
Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	°Celsius - Millimètres (mm) - Millimètres (mm) - Centimètres (cm) - Kilomètres par heure (km/h) - 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		27.2	16 28	28.9	23	30.0	37.8	30	1934	21.7	27, 28	1974	108	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-2.9	3, 15	-1.1	13	-4.4	0.6	30	1922	-11.7	2	1907	108	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		7.3		14.5		10.6	17.8		1977	4.4		1907	108	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		82.6		122.6		54.6	177.7		1977	0.8		1917	108	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		8.3		Nil		2.5	32.5		1931	Nil	(Several)	108		
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		93.1		122.6		57.2	177.7		1977	0.8		1917	108	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		17		9		9	17		1974 1950	1		1917	96	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		25.2	*30	60.2	25		67.6	11	1911				108	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		4.4	*10	Nil			21.1	1	1967				108	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		25.2	*30	60.2	25		71.1	11	1911				108	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:		2.3	29	10.0	25		10.0	25	1978				20	
5 MINUTES														
10 MINUTES		4.0	29	20.0	25		20.0	25	1978				20	
15 MINUTES		5.1	29	24.0	25		24.0	25	1978				20	
30 MINUTES		7.5	29	27.4	25		27.4	25	1978				20	
60 MINUTES		10.3	29	31.6	25		31.6	25	1978				20	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		39.3	29- 30	60.2	25		67.6	11	1911				108	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		19.8		20.6		21.1	26.1		1959	14.6		1972 1976	59	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		SW 70	16	N 56	25	59	NW 80	10	1959				41	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		WSW80	16	NW70	25	85	NW109	10	1959				36	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		201.8		316.9		246.4	357.4		1917	126.6		1927	80	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE A LA STATION (kPa)		98.51		98.42		98.53	98.92		1961	98.17		1965	41	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE A LA STATION (kPa)		99.79	23	99.69	1	99.99	100.54	7	1951				41	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE A LA STATION (kPa)		96.58	7	96.82	11	96.61				95.49	5	1950	41	
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN (10) 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	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	Nil	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	SSW43	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			
1977	32.6	-1.8	17.8	177.7	Tr.	177.7	21.2	NW 56	286.8	63.7	396.8			
1978	28.9	-1.1	14.5	122.6	Nil	122.6	20.6	N 56	316.9	127.6	294.2			
1979	27.2	-2.9	8.3	82.6	8.3	93.1	19.8	SW 70	201.8	330.3	107.1			

*Rain and Precipitation: *24 hours - 39.3 May 29-30th,
*24 hours - snow 7.2 May 10-11th.

For the eighth consecutive month Winnipeg's mean temperature was below normal. A mean of 7.3 was 3.3 degrees short of the normal. The May maximum was 27.2 on the 16th and 28th while a minimum of -2.9 was recorded on the 3rd and 15th. This May was the coldest since the May of 1945.

Precipitation was almost double the normal, 93.1 MM fell over the city which included 8.3 cm of snow. The normal for May is 57.2 MM. Only one thunderstorm was reported. There were 17 days with measurable precipitation tying the record set in 1950.

There were 201.8 hours of sunshine in comparison to the normal of 246.4. The average wind speed was 19.8 KMH a little below normal.

DAILY WEATHER SUMMARY FOR MAY 1979

AT WINNIPEG, MANITOBA

1. Below normal temperatures. Mostly cloudy. Moderate winds. Snow 2:13 a.m. to 7:47 a.m. Rain or showers 4:16 a.m. to 12:20 p.m., 3:46 p.m. to 7:35 p.m.
2. Cold. Cloudy. Snow or flurries 00:45 a.m. to 10:55 a.m. Moderate winds, Gusty NW in the morning.
3. Cold. Cloudy. Snow 00:25 a.m. to 12:25 p.m. Snow or snow pellets 5:15 p.m. to 6:13 p.m. Moderate winds. Gusty NNW winds.
4. Below normal temperatures. Partly cloudy. Snow or snowgrains 00:18 a.m. to 4:20 p.m. Snow 10:40 p.m. continued. Drizzle or rain 8:45 p.m. to 10:40 p.m. Light winds.
5. Below normal temperatures. Mostly cloudy. Snow to 01:25 a.m. Light fog in morning. Visibility restricted. Light winds.
6. Below normal temperatures. Cloudy. Rain or showers 12:28 p.m. to 11:50 p.m. Snowgrains or snow 5:10 p.m. to 11:15 p.m. Moderate winds. Flood crest reached Morris. Light fog in evening. Visibility restricted.
7. Below normal temperatures. Cloudy. Drizzle or rain 00:42-5:40 p.m. Snow 9:50 p.m. to 11:15 p.m. Rain 10:20 p.m. to 11:15 p.m. Light fog. Visibility restricted. Light winds.
8. Below normal temperatures. Partly cloudy. Moderate winds. Snowflurries 8:36 a.m. to 11:46 a.m. Visibility restricted in flurries.
9. Below normal temperatures. Mostly cloudy. Moderate winds.
10. Below normal temperatures. Cloudy. Snow 1:22 p.m. continued. Rain 5:45 p.m. to 8:20 p.m. Flood crest passed St. Adolph reaching Winnipeg. Moderate winds. Visibility restricted in snow.
11. Below normal temperatures. Mostly cloudy. Snow to 11:05 a.m. Visibility restricted. Moderate gusty NW winds.
12. Near normal temperatures. Partly cloudy. Showers 1:05 p.m. to 3:40 p.m. Mostly light winds. Occasional gusty west winds.
13. Below normal temperatures. Mostly sunny. Light winds except occasional gusty NW winds.
14. Below normal temperatures. Mostly sunny. Mostly light winds but occasional gusty north winds in the afternoon. Southern Manitoba residents returning home.
15. Below normal temperatures. Mostly sunny. Light winds.
16. Above normal temperatures. Partly cloudy. Moderate and gusty S to WSW winds. Showers 11:09 a.m. to 11:13 a.m., 2:20 p.m. to 3:18 p.m., 10:50 p.m. continued. Lightning late evening.
17. Near normal temperatures. Partly cloudy. Showers to 2:03 a.m. Rain or drizzle 8:04 p.m. to 10:12 p.m. Moderate and gusty W to WNW winds.
18. Below normal temperatures. Cloudy. Rain 7:19 a.m. to 7:26 a.m. Snow 7:26 a.m. to 7:48 a.m. Rain showers 10:27 a.m. to 11:05 a.m. Moderate and gusty NW winds.
19. Below normal temperatures. Partly cloudy. Mostly light winds.
20. Below normal temperatures. Partly cloudy. Light winds.
21. Below normal temperatures. Partly cloudy. Showers or rain 5:48 p.m. continued. Mostly light winds but gusty south winds late morning and early afternoon.
22. Near normal temperatures. Partly cloudy. Rain to 5:35 a.m. Showers 1:06 p.m. to 1:33 p.m. Mostly light winds but occasional gusty north winds late morning and early afternoon.
23. Below normal temperatures. Partly cloudy. Showers 7:45 a.m. to 11:38 a.m. Light winds.
24. Normal temperatures. Sunny. Mostly light winds.
25. Above normal temperatures. Mostly cloudy. Thunder 5:14 p.m. to 5:31 p.m. Showers 11:25 a.m. to 2:06 p.m., 5:14 p.m. to 7:05 p.m. Moderate and gusty SW winds morning and afternoon.
26. Above normal temperatures. Sunny. Moderate winds. Occasional gusty NE winds.
27. Above normal temperatures. Sunny. Light winds.
28. Above normal temperatures. Sunny. Mostly light winds but gusty south winds early afternoon.
29. Below normal temperatures. Cloudy. Showers or rain 5:08 a.m. to 3:50 p.m. Drizzle 6:40 p.m. to 8:10 p.m. Rain sometimes heavy 9:10 p.m. continued. Fog in evening. Mostly light winds.
30. Below normal temperatures. Cloudy. Rain to 1:38 p.m. Moderate gusty north winds.
31. Below normal temperatures. Partly cloudy. Mostly light winds.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY 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	3.3	3.8	3.9	3.7	3.2	3.2	2.9	2.6	3.0	2.6	2.3	2.8	2.8	4.4	5.4	7.7	6.9	6.2	6.1	5.5	5.6	3.3	2.2	1.4
2	1.2	4.0	0.0	-1.0	-1.5	-1.2	-1.2	-1.1	-1.3	-1.2	-1.3	-1.0	-1.0	-1.3	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.5	-2.0	-2.2
3	-2.5	-2.6	-2.7	-2.8	-2.5	-2.2	-2.1	-1.8	-1.4	-1.3	-1.3	-1.3	-1.8	-1.3	-1.1	-.5	.7	.3	-.1	-.8	-1.1	-1.3	-1.6	-1.7
4	-1.9	-1.9	-2.5	-2.6	-2.3	-2.2	-2.2	-1.5	-1.4	-1.4	1.5	3.5	3.5	3.4	5.0	5.5	4.5	4.4	4.3	3.3	2.7	1.8	1.0	.8
5	1.5	1.1	-1.5	-1.7	-1.5	-2.2	-2.1	-.4	1.2	1.5	2.3	3.2	3.2	3.8	4.8	5.3	5.7	6.0	6.2	6.2	4.0	4.0	2.4	1.8
6	1.9	1.4	-1.6	-1.5	-.2	.8	2.0	3.1	4.7	6.6	7.5	7.1	7.1	6.4	5.2	3.5	3.4	3.5	3.2	3.0	3.3	3.3	3.2	3.5
7	3.4	2.9	2.8	2.7	2.8	2.8	2.8	3.1	3.2	3.5	4.1	4.5	4.5	4.5	5.0	5.2	5.8	6.0	6.0	5.8	5.2	4.5	3.0	2.4
8	1.6	1.4	1.2	.8	.5	.6	1.0	1.5	1.9	2.3	3.0	4.1	4.1	4.0	5.5	3.2	3.5	3.0	2.5	1.6	1.0	.8	.5	.5
9	1.3	0.0	.1	-1.1	0.0	-2.7	-1.4	-1.0	0.0	.5	.6	1.9	1.9	2.4	1.6	1.2	1.5	1.6	1.7	1.2	.3	-.1	-.2	-.1
10	-1.1	-2.2	-3.4	-4.5	-5.6	-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
11	1.2	.1	.2	.1	0.0	0.0	0.0	-.3	.2	.2	.5	1.8	1.8	2.5	3.0	4.0	4.4	4.6	4.6	4.4	3.4	1.9	.6	.5
12	-3.3	0.0	3.8	1.2	1.4	2.2	2.8	6.6	7.7	10.8	12.5	14.0	14.0	13.5	8.0	9.0	9.7	11.0	11.5	10.6	9.3	7.2	5.9	4.4
13	1.2	1.3	1.8	1.6	1.8	1.5	3.6	5.3	7.0	7.5	8.0	9.8	9.8	9.5	10.0	11.5	10.8	10.8	10.5	9.4	7.2	5.5	4.8	1.5
14	1.9	2.0	1.4	1.5	1.2	.9	1.8	4.0	5.8	8.0	10.8	11.2	11.2	11.2	12.5	9.3	9.5	9.1	8.9	7.7	6.0	4.3	3.4	.2
15	-1.6	-.8	-1.0	-1.7	-2.0	-2.7	-1.2	3.0	6.6	7.0	9.0	10.5	11.5	12.8	14.5	15.0	15.8	14.9	14.7	13.9	11.4	8.5	8.0	7.7
16	7.9	8.5	9.2	8.6	8.4	9.7	11.1	11.3	12.6	14.2	15.8	17.2	17.4	18.4	21.2	20.8	25.5	26.5	26.7	23.8	22.5	22.0	21.8	20.4
17	16.7	15.4	15.2	14.2	12.9	12.0	13.6	15.0	16.9	18.4	18.9	18.4	17.4	18.0	17.2	18.3	15.9	13.4	12.3	11.2	9.9	5.1	4.6	4.4
18	4.0	3.4	3.1	2.8	2.2	1.8	1.9	2.0	2.5	3.5	4.3	3.9	4.8	4.5	5.5	5.8	5.6	4.9	4.8	4.0	3.2	2.6	2.5	1.9
19	1.5	.8	.7	.7	.3	.8	1.2	2.6	3.8	3.2	3.9	4.6	5.2	7.1	7.4	8.8	9.1	9.7	8.4	7.8	7.1	6.4	5.2	4.5
20	4.0	4.2	3.8	2.8	2.8	3.0	3.8	4.3	6.8	7.6	7.8	9.1	9.5	9.8	10.0	10.1	11.7	10.6	11.0	9.9	9.2	7.2	6.6	4.4
21	4.7	3.8	2.8	2.8	2.6	2.6	4.3	7.5	10.0	11.3	13.1	14.5	15.5	16.7	17.5	18.0	16.2	15.5	14.6	12.2	11.0	10.8	9.8	8.8
22	8.7	8.1	8.5	7.9	7.3	7.7	8.1	8.0	9.7	11.2	13.7	14.9	15.9	15.5	14.8	16.6	18.2	16.4	16.9	15.1	12.3	8.8	6.1	4.9
23	4.3	4.3	3.3	3.9	2.0	2.8	4.5	5.9	7.3	7.3	8.2	9.5	10.2	11.8	11.7	12.4	13.6	14.0	14.3	14.0	12.9	9.7	7.5	7.8
24	6.9	5.9	5.8	5.6	4.6	5.2	7.2	10.0	12.5	15.0	16.0	17.1	18.9	18.8	19.8	19.8	20.5	20.8	20.2	20.1	18.0	16.2	15.8	15.2
25	15.1	13.8	12.9	12.0	11.2	10.7	11.8	13.8	15.9	15.9	17.0	18.0	17.1	15.2	12.8	16.2	18.1	17.5	16.0	15.2	15.2	13.5	13.5	13.5
26	11.8	11.0	10.7	10.0	9.6	9.2	9.3	12.1	11.5	13.8	14.9	16.9	18.0	18.3	18.5	18.7	18.4	17.9	17.8	16.8	15.1	11.8	10.6	10.0
27	9.5	8.2	7.9	5.8	5.6	6.1	8.0	10.1	12.9	15.0	15.8	17.8	18.6	19.5	20.0	20.9	22.0	21.8	21.2	21.0	18.6	17.2	14.8	14.0
28	13.7	11.7	11.2	10.3	11.2	10.2	11.8	15.3	18.6	21.6	23.5	24.0	24.9	25.6	26.2	26.1	26.5	26.3	25.8	24.6	21.5	19.2	20.2	19.4
29	19.0	17.5	16.0	15.5	16.0	15.8	14.2	14.2	14.8	15.2	15.2	16.2	16.2	16.5	15.6	15.3	15.0	14.5	13.8	11.8	10.7	10.0	9.0	8.8
30	8.8	8.5	8.1	7.9	7.7	7.8	8.1	8.1	8.1	8.2	8.4	8.4	8.1	8.5	8.8	9.7	9.4	8.8	9.0	8.2	7.4	7.0	5.6	4.8
31	4.5	3.6	3.2	2.7	2.7	2.6	4.0	5.7	7.2	8.2	9.4	10.7	11.4	12.0	12.6	13.0	14.0	14.0	13.2	12.8	10.5	9.5	9.5	9.8
MEAN	4.8	4.4	4.1	3.7	3.5	3.5	4.1	5.3	6.5	7.4	8.4	9.2	9.9	10.1	10.3	10.7	11.1	10.8	10.5	9.7	8.5	7.1	6.3	5.6

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY 1979 PAGE 5
 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.	1.0	1.1	1.7	2.2	2.4	2.5	2.5	2.4	2.2	2.7	2.2	2.0	2.4	3.8	4.6	6.3	5.6	5.3	5.7	5.0	5.1	2.3	2.3	1.5	5
2.	-2.2	0.0	-2.2	-1.2	-1.2	-1.2	-1.2	-1.7	-1.8	-2.0	-2.0	-1.6	-1.9	-1.6	-1.5	-1.8	-1.8	-2.0	-2.1	-2.2	-2.3	-2.5	-3.0	-3.2	3.2
3.	-3.9	-3.7	-3.8	-3.6	-3.8	-3.6	-3.1	-3.4	-2.8	-3.0	-2.5	-2.6	-2.2	-2.0	-1.7	-1.5	-1.7	-1.8	-1.2	-1.6	-2.6	-2.5	-2.6	-2.6	2.0
4.	-3.0	-3.0	-3.0	-3.0	-2.9	-2.9	-2.9	-2.8	-2.4	-2.3	-1.7	-1.1	1.4	1.1	1.9	2.1	1.5	-2.0	1.7	1.7	1.4	1.0	1.0	1.6	2.9
5.	0.0	-2.2	-1.7	-1.7	-1.4	-1.1	-1.3	-1.4	-1.4	1.3	1.7	1.4	1.3	1.5	2.4	2.3	2.0	2.3	2.6	3.0	1.5	1.5	1.7	1.5	2.9
6.	-5	-1.1	-1.6	-1.5	-1.4	-1.0	-1.0	1.4	1.5	-2.4	3.3	3.2	3.0	2.9	2.8	2.7	2.7	3.1	3.0	3.0	3.2	3.2	2.8	2.9	2.0
7.	2.2	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.9	3.0	3.1	3.7	4.0	4.1	4.4	4.8	5.4	5.8	5.8	5.5	4.8	4.3	2.8	2.0	1.1
8.	1.1	1.9	1.6	2.0	2.0	0.0	0.0	1.1	1.4	1.6	1.0	1.0	1.8	1.5	2.5	1.9	1.0	1.4	0.0	-1.7	-1.5	-1.3	-1.7	-1.7	2.0
9.	-1.0	-1.1	-1.9	-1.9	-1.9	-1.1	-1.8	-1.6	-2.2	-1.0	-1.2	-1.0	-2.2	-1.6	-1.8	-1.3	-1.3	-1.1	-1.3	-1.1	-1.3	-1.3	-1.9	-1.9	1.1
10.	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.0	-1.9	-1.4	0.0	1.1	1.0	1.1	1.1	1.8	1.9	1.3	1.4	1.5	1.0	1.4	1.1	1.2	1.2	1.2
11.	1.1	0.0	1.0	0.0	0.0	-1.1	-1.1	-1.1	-1.4	-2.2	0.0	1.1	1.8	1.0	1.2	1.8	2.1	1.9	1.9	1.8	2.0	1.3	1.4	1.5	1.5
12.	-1.0	-1.6	-1.2	-1.5	-1.1	0.0	1.3	1.3	4.0	4.7	7.2	8.3	9.0	7.2	7.0	7.8	8.0	8.1	8.3	7.8	7.3	5.9	4.6	3.0	3.0
13.	1.5	1.1	1.4	1.4	1.3	1.4	1.6	1.6	3.0	3.7	4.1	4.3	5.7	5.5	6.0	6.7	5.8	5.6	5.6	4.3	3.9	3.0	2.6	1.4	1.4
14.	1.8	1.2	1.4	1.4	1.4	1.2	1.6	2.8	2.8	3.8	4.2	4.5	4.7	5.2	5.5	4.8	5.2	4.7	4.6	3.7	2.7	1.8	1.1	1.1	1.1
15.	-2.0	-1.2	-1.9	-2.0	-2.3	-2.9	-1.4	1.4	2.3	3.0	4.5	5.2	5.5	6.2	7.5	7.2	7.8	7.0	7.0	6.2	5.3	4.4	4.3	4.1	4.1
16.	4.3	4.5	4.9	4.6	4.3	4.9	6.2	8.3	7.8	9.4	10.9	12.1	12.4	13.4	15.1	15.5	17.5	17.5	18.0	17.5	16.7	16.2	15.8	15.6	15.6
17.	14.8	14.3	14.0	13.3	12.4	11.8	12.9	14.5	14.0	14.1	14.9	13.4	12.1	12.1	11.4	12.3	11.3	9.4	8.6	7.8	7.1	4.6	3.3	3.3	3.3
18.	2.8	2.1	1.9	1.4	1.8	1.2	1.4	1.9	1.0	1.4	1.8	1.6	2.0	1.9	2.5	2.9	2.8	2.2	2.1	1.7	1.3	1.9	1.9	1.5	1.5
19.	0.0	-1.5	-1.0	-1.0	-1.2	-1.8	-1.6	1.3	1.2	1.0	1.8	2.1	2.5	3.8	4.0	5.0	5.0	5.5	4.5	4.1	3.7	3.4	2.9	2.6	2.6
20.	2.5	2.7	2.3	1.8	1.8	2.0	2.4	2.7	4.1	4.0	4.2	4.8	4.0	4.3	4.6	4.9	5.5	4.9	5.1	4.7	4.7	3.4	2.9	1.9	1.9
21.	2.2	1.6	1.0	1.0	1.1	1.4	2.5	4.5	5.6	6.3	7.6	8.2	8.9	9.5	9.7	9.6	8.6	8.0	7.6	7.8	8.2	8.0	7.8	7.8	7.8
22.	7.8	7.5	7.3	6.7	6.4	6.3	6.3	7.0	7.4	7.2	9.5	10.2	11.0	10.5	10.3	10.4	10.8	9.4	9.2	8.2	8.0	6.4	4.9	3.7	3.7
23.	3.4	3.4	2.2	2.6	1.4	2.0	3.4	4.9	6.0	6.6	7.4	7.8	7.3	8.0	7.5	7.8	9.0	8.5	8.8	9.0	8.2	7.5	6.0	6.1	6.1
24.	5.7	5.1	4.9	4.1	3.0	3.5	5.2	6.4	8.3	9.3	9.4	10.1	11.5	11.1	12.1	12.6	11.9	12.0	12.0	12.6	11.6	10.8	10.5	10.2	10.2
25.	10.1	9.3	8.9	8.4	9.2	8.0	8.5	9.4	10.2	10.1	11.0	11.4	12.0	11.9	11.5	13.1	13.5	13.5	14.0	13.8	13.8	12.2	11.8	11.5	11.5
26.	10.5	9.7	9.5	9.2	8.8	7.8	8.7	11.3	11.3	12.4	13.3	14.1	14.0	14.2	14.0	14.4	13.5	12.6	12.6	12.2	11.9	10.2	9.5	9.1	9.1
27.	8.8	7.8	7.4	5.3	5.4	5.9	7.7	9.5	11.2	12.2	12.3	13.6	13.1	13.4	13.4	13.8	15.2	14.5	14.2	13.4	12.6	12.0	11.5	11.3	11.3
28.	10.9	10.0	9.4	8.7	8.9	7.9	9.0	10.5	12.8	13.5	14.0	13.8	14.0	14.1	14.4	14.6	15.0	15.0	14.8	13.6	12.5	11.5	11.4	10.6	10.6
29.	10.0	9.4	9.1	9.0	9.1	9.7	11.2	12.4	13.0	12.8	12.7	14.1	14.8	15.0	14.8	14.8	14.6	13.7	13.3	11.6	10.0	9.3	9.0	8.5	8.5
30.	8.4	8.0	7.8	7.6	7.7	7.4	7.6	7.9	7.9	7.8	7.9	7.8	7.3	7.5	7.6	7.5	7.6	6.9	7.0	6.4	5.9	5.1	4.3	3.6	3.6
31.	3.2	2.9	2.5	2.1	2.1	2.1	3.2	4.6	5.4	6.0	6.8	7.2	7.9	7.8	8.6	8.0	8.7	8.7	8.2	8.2	7.7	6.8	6.8	7.3	7.3
MEAN	3.2	3.0	2.7	2.4	2.3	2.3	2.8	3.7	4.4	4.7	5.4	5.9	6.2	6.3	6.6	6.8	7.0	6.5	6.6	6.1	5.6	4.8	4.3	3.8	3.8

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY
 ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

STARTING HOUR	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	SSE S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW S	SSW S	SSW S	S	S	NNE NNW	NW	NW	NW	S 52	18 CST
2	NW NNW	NW	NW	NW	NW	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	NNW NNW	NNW NNW	NNW NNW	NW 59	06 CST
3	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	N 57	05 CST
4	N NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW		
5	S C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C		
6	E E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	E E	ESE54	13 CST
7	SE SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	NNW37	23 CST
8	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NW 61	15 CST
9	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNE41	08 CST
10	NNE NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE 57	14 CST
11	N N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	N N	NNW65	14 CST
12	WSW WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NNW57	14 CST
13	NE ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NNW52	11 CST
14	C NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW NNW	NNW54	12 CST
15	NNW C	E C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C	C C		
16	S S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	S S	WSW80	00 CST

