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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS July / Juillet

19 76

AT/A

Winnipeg International Airport / A L' Aeroport Intern. De Winnipeg, Man.

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: 786 FEET (ASL) ALTITUDE: 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	AVERAGE SPEED VITESSE MOYENNE	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			PREVAILING DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION		HOURS HEURES		
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%		mm	cm	mm	cm	km/h		km/h				
1	26.9	9.9	18.4	0.0	13.4	95	33						7.1	CALM	SE	19	14.6		
2	27.7	12.4	20.1	0.0	15.1	96	23						11.6	SE	ESE	24	14.9		
3	26.7	13.0	19.9	0.0	14.9	78	37						11.9	S	S	22	14.5		
4	28.2	14.7	21.5	0.0	16.5	75	38						19.9	S	S	30	15.3		
5	30.6	18.2	24.4	0.0	19.4	80	52						22.2	S	S	39	10.2		
6	27.4	15.7	21.6	0.0	16.6	89	36						18.1	WNW	NW	35	13.4		
7	28.9	13.3	21.1	0.0	16.1	92	32						7.8	W, SE	W	*13	13.5		
8	27.8	16.6	22.2	0.0	17.2	83	48	1	.8		.8		21.1	S	S	37	5.6		
9	30.9	19.4	25.2	0.0	20.2	89	43	1	TR		TR		16.6	WSW	SSW	26	14.4		
10	24.3	12.8	18.6	0.0	13.6	93	65		TR		TR		18.8	NNW	NE	28	6.8		
11	20.8	9.8	15.3	2.7	10.3	89	52						14.8	N, NNE+N		24	9.2		
12	24.2	9.8	17.0	1.0	12.0	91	45	1	2.0		2.0		21.3	SE	SE	41	6.0		
13	28.3	17.3	22.8	0.0	17.8	79	48		TR		TR		20.7	W	WSW	33	11.4		
14	27.7	14.3	21.0	0.0	16.0	81	39						23.5	N	W	*41	15.5		
15	16.8	9.6	13.2	4.8	8.2	95	55		1.8		1.8		22.6	WNW	NNW	46	4.5		
16	24.2	9.1	16.7	1.3	11.7	86	37						20.5	W	NW	37	14.5		
17	28.4	11.6	20.0	0.0	15.0	83	36						12.4	W	W	22	15.1		
18	31.5	14.6	23.1	0.0	18.1	76	41		TR		TR		18.8	S	S	*30	8.3		
19	28.7	14.2	21.5	0.0	16.5	91	48		3.6		3.6		9.8	N	N	28	2.8		
20	25.9	9.1	17.5	0.5	12.5	88	29						14.4	NW, NNW	NNW	26	14.9		
21	26.6	10.3	18.5	0.0	13.5	84	32						17.2	SSW	SSW	33	15.0		
22	29.4	17.1	23.3	0.0	18.3	69	33		TR		TR		21.8	S	WNW	39	11.4		
23	26.6	10.1	18.4	0.0	13.4	91	35						22.4	W	NNW	39	15.2		
24	28.4	7.3	17.9	0.1	12.9	98	35						10.5	S	SSE	*22	13.3		
25	27.3	16.7	22.0	0.0	17.0	92	50	1	1.3		1.3		24.8	SSE	SSE	43	7.8		
26	28.4	13.2	20.8	0.0	15.8	94	28						15.7	NW	NW	*26	14.3		
27	30.4	11.7	21.1	0.0	16.1	91	33	1	1.3		1.3		19.3	SSE	NNW	33	9.8		
28	24.4	11.2	17.8	0.2	12.8	89	35						18.5	WSW	W	*37	14.5		
29	23.3	12.7	18.0	0.0	13.0	98	52	1	24.6		24.6		14.7	SSE	NE	22	2.5		
30	19.9	10.7	15.3	2.7	10.3	100	63		1.5		1.5		16.7	N	NNE	30	5.6		
31	25.0	6.1	15.6	2.4	10.6	97	37						9.4	WNW	NNW	19	13.6		
MEAN MOYENNE	26.6	12.7	19.7	TOTAL 15.7	TOTAL 454.8	88	41	TOTAL 6	TOTAL 36.9	TOTAL 36.9	TOTAL 36.9	TOTAL 16.9	PREVAILING DOMINANTE SOUTH	MAXIMUM NNW	TOTAL 46	TOTAL 348.4			
NORMAL NORMALE	25.9	13.5	19.7	20.6	456.4			6.5	80.3	NIL	80.3	16.3	SOUTH			310.8			
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES:					DAYS WITH SNOWFALL: JOURS AVEC CHÛTE 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		15.7	12.0	20.6	TOTAL FOR MONTH TOTAL DU MOIS		454.8	510.6	456.4	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS	- OU PLUS
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET		15.7	12.0	20.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL		1132.6	1126.3	1042.7	8	7	3	1	0	0	0	0	0	0

UDC 551.506.1 (712.74)

+ 11th NE
Hail / Grelé July 12th and 29th.

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

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		July / Juillet		19 76							
Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	°Celsius — Millimetres (mm) — Millimetres (mm) — Centimetres (cm) — Kilometres/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		31.5	18	35.5	30	33.9	42.2	11	1936	26.1	22, 24 25	1884	105
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		6.1	31	7.0	10	6.1	11.7	27 & 30	1943 1935	1.1	3	1972	105
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		19.7		21.5		19.7	24.2		1936	15.4		1884	105
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		36.9		58.2		80.3	197.4		1953	13.5		1875	105
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE													
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		36.9		58.2		80.3	197.4		1953	13.5		1875	105
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		8		10		11	18		1912 1938	5		1926 1939	93
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		24.6	29	30.7*	31		133.6	12	1914				105
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE													105
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		24.6	29	30.7*	3		133.6	12	1914				105
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		15.0	29	7.4	31		17.8	16	1968				18
10 MINUTES		15.7	29	12.4	31		24.6	16	1968				18
15 MINUTES		16.0	29	15.7	31		35.3	16	1968				18
30 MINUTES		17.5	29	21.3	31		39.4	16	1968				18
60 MINUTES		20.1	29	28.2	31		39.4	16	1968				18
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		24.9	29- 30	30.7*	3		133.6	12	1914				105
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		16.9		15.0		16.3	20.9		1952	10.9		1972	56
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	NNW 46	15	S 47	30		51	NW 68	10	1946				38
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	SSE 69	25	S 71	30		87	SSW 127	14	1959				32
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		348.4		357.8		310.8	367.7		1974	178.3		1912	77
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.5		98.2		98.5	98.7		1956	98.2		1975	38
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.6	3	99.5	3	99.5	100.0	4	1972				38
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.2	13	97.1	17	97.1				96.3	1	1968	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 DEGREE DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRÉS-JOURS DE CROISSANCE		
1967	34.4	4.4	18.7	111.0		111.0	16.6	S 48	344.2	33.3	429.4		
1968	32.2	3.3	17.6	143.8		143.8	18.5	NW 58	312.6	41.7	394.4		
1969	34.4	7.2	18.5	101.3		101.3	14.3	NE 37	298.1	28.9	422.2		
1970	33.9	7.8	20.5	69.6		69.6	17.2	NW 48	318.7	13.9	483.9		
1971	30.6	4.4	16.4	115.1		115.1	16.3	NW 55	309.8	60.0	357.2		
1972	32.2	1.1	17.1	60.2		60.2	10.9	W 35	301.5	50.6	380.0		
1973	29.4	6.1	18.3	122.9		122.9	15.1	WSW 56	313.8	23.9	417.2		
1974	33.3	8.3	21.9	32.0		32.0	16.6	NW 48	367.7	4.4	527.2		
1975	35.5	7.0	21.5	58.2		58.2	15.0	S 47	357.8	12.0	510.6		
1976	31.5	6.1	19.7	36.9		36.9	16.9	NNW 46	348.4	15.7	454.8		

* July 31 - August 1st

Maximum 24 hour precipitation is 52.8

July was shaping up as the driest on record in Winnipeg, but that picture changed as the month ended. During the evening of July 29th heavy thundershowers and hail soaked the city with 18 mm's in 30 minutes.

It damaged trees and gardens in southern areas of the city. Total rainfall amounted to 36.9 mm's for the month which was 43.4 mm's less than usual for July.

Temperatures averaged out to exactly normal for July with afternoon maximums averaging 26.6°C and overnight lows 12.7°C. Warmest day was July 18 with a high of 31.5 and the month ended with the minimum of 6.1°C.

Sunshine was 38 hours more than normal for the month and totalled 348.4 hours.

DAILY WEATHER SUMMARY FOR JULY 1976AT WINNIPEG, MANITOBA

1. Normal temperatures. Sunny. Mostly light winds.
2. Normal temperatures. Sunny. Mostly light winds.
3. Normal temperatures. Sunny. Mostly light winds.
4. Above normal temperatures. Sunny. Mostly light winds.
5. Above normal temperatures. Partly cloudy. Gusty south winds mid-day.
6. Above normal temperatures. Mostly sunny. Gusty WNW wind mid-day.
7. Near normal temperatures. Mostly sunny. Light winds.
8. Above normal temperatures. Mostly cloudy. Thunder 8:22 p.m. to 9:13 p.m. Showers 8:50 a.m. to 9:20 a.m., 6:50 p.m. to 9:45 p.m.
9. Warm. Sunny. Thunder 00:15 a.m. to 00:45 a.m., 04:00 a.m. to 04:43 a.m. Showers 00:31 a.m. to 00:45 a.m.
10. Below normal temperature. Mostly cloudy. Drizzle 7:35 a.m. to 7:50 a.m.
11. Below normal temperature. Cloudy becoming sunny. Light winds.
12. Below normal temperature. Partly cloudy. Thunder 10:29 p.m. to 11:29 p.m. Hail 10:37 p.m. to 10:45 p.m. Showers 8:34 a.m. to 8:43 a.m., 1:15 p.m. to 4:49 p.m., 10:37 p.m. to 11:29 p.m.
13. Above normal temperature. Mostly sunny. Showers 6:30 a.m. to 6:45 a.m.
14. Above normal temperature. Sunny. Gusty west winds.
15. Below normal temperature. Mostly cloudy. Drizzle 4:40 a.m. to 5:36 a.m., 1:40 p.m. to 2:33 p.m. Rain showers 6:20 a.m. to 1:40 p.m., 2:33 p.m. to 4:12 p.m. Gusty NNW wind in afternoon.
16. Near normal temperature. Partly cloudy. Mostly light winds.
17. Above normal temperature. Sunny. Light winds.
18. Above normal temperature. Partly cloudy. Showers 5:10 p.m. to 8:22 p.m.
19. Above normal temperature. Mostly cloudy. Showers 9:54 a.m. to 11:47 a.m., 4:36 p.m. to 9:28 p.m. Mostly light winds.
20. Below normal temperature. Sunny. Gusty NW wind early afternoon.
21. Below normal temperature. Sunny. Gusty S wind early afternoon.
22. Above normal temperature. Partly cloudy. Showers 5:45 a.m. to 6:14 a.m. Gusty west winds late afternoon.
23. Below normal temperature. Sunny. Gusty NW wind late afternoon.
24. Below normal temperature. Sunny. Mostly light winds.
25. Partly cloudy. Above normal temperature. Thunder 2:00 a.m. to 3:19 a.m. Showers 2:19 a.m. to 2:45 a.m. Gusty SSE winds early morning.
26. Near normal temperature. Sunny. Mostly light winds.
27. Near normal temperatures. Partly cloudy. Thunder 11:23 p.m. to 11:42 p.m. Showers 9:19 p.m. to 11:45 p.m.
28. Below normal temperature. Mostly sunny. Gusty SW winds mid-day.
29. Below normal temperature. Mostly cloudy. Thunder 6:35 p.m. to 7:00 p.m. Showers 00:55 a.m. to 7:40 a.m., 12:52 p.m. to 4:21 p.m., 6:54 to 9:17 p.m. Hail 6:54 p.m. to 6:57 p.m. The hail was severe in some parts of city. It covered the ground to several inches in some places and drifts of about a foot near Lorette, Manitoba. There were power outages, some property damage. Some flooded basements.
30. Below normal temperature. Mostly cloudy. Drizzle or rain 8:51 a.m. to 1:47 p.m. heavy fog in morning.
31. Below normal temperature. Mostly sunny. Light winds.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JULY 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.	14.5	15.7	13.9	13.8	11.6	10.3	13.8	17.8	20.6	22.3	24.0	24.8	25.6	26.1	25.3	26.0	26.3	26.1	25.5	24.4	22.7	21.1	16.7	15.0
2.	15.1	14.2	14.1	13.9	13.6	13.0	14.2	19.6	22.1	23.9	25.6	26.1	26.8	26.7	26.7	26.7	27.2	26.8	26.2	25.1	22.7	21.8	19.5	17.2
3.	15.7	16.4	14.7	14.7	13.1	13.6	15.0	17.2	19.1	21.4	23.9	24.8	25.2	26.1	26.1	25.7	25.9	25.1	24.4	23.8	21.4	20.6	18.8	18.3
4.	17.8	15.7	15.4	15.2	15.5	15.9	16.7	18.9	20.6	22.4	24.3	25.4	26.3	26.8	27.2	27.7	27.0	27.2	26.6	25.6	23.9	22.7	21.9	21.2
5.	21.1	20.3	19.8	18.9	18.7	18.8	18.8	19.9	20.6	21.7	24.4	25.1	26.6	27.6	29.4	29.7	30.0	29.9	29.6	26.3	25.1	24.1	24.2	21.5
6.	19.4	19.7	19.2	16.8	16.6	16.2	17.5	18.7	20.7	22.8	23.5	25.2	26.1	26.6	26.8	26.6	26.5	26.1	25.7	24.5	21.1	18.3	17.2	16.7
7.	16.6	15.7	14.7	13.9	13.4	14.4	15.9	19.1	22.6	24.4	25.4	26.7	26.2	26.1	28.1	28.4	27.9	26.6	25.4	26.1	23.9	21.6	20.6	19.6
8.	19.4	18.8	17.8	17.2	17.5	18.6	19.9	20.9	20.6	22.1	23.6	23.6	22.9	24.6	25.0	26.3	27.2	27.6	26.3	25.5	24.6	23.3	21.3	20.7
9.	20.5	20.4	20.9	20.9	20.1	19.6	20.9	21.1	22.8	24.6	26.2	27.9	28.9	29.2	29.1	30.2	30.1	30.8	30.1	29.2	26.7	24.8	24.4	20.8
10.	21.2	22.2	21.1	20.0	19.7	19.4	18.9	19.6	18.3	18.5	20.2	21.3	23.1	22.9	22.5	21.7	21.0	20.6	19.9	18.3	15.7	13.3	13.4	13.1
11.	13.0	12.8	12.8	12.2	11.7	10.4	10.9	11.4	12.1	12.4	13.9	14.6	16.0	16.7	18.2	19.1	20.7	20.0	19.9	19.4	18.3	16.2	13.5	11.6
12.	11.1	10.3	12.1	12.2	11.4	11.2	12.4	14.4	16.9	17.6	19.6	21.7	22.2	21.2	22.1	23.0	22.8	23.1	22.3	21.7	20.6	20.1	19.9	18.2
13.	18.3	19.6	18.6	18.2	17.9	17.9	17.9	17.7	19.0	20.8	23.9	26.4	26.7	27.7	27.7	27.1	27.2	25.6	25.6	25.5	23.9	22.1	20.6	20.3
14.	19.7	18.1	16.7	17.2	18.5	15.8	16.3	18.8	21.1	22.2	24.2	25.0	25.8	26.2	26.4	26.9	25.8	25.1	23.9	21.7	20.4	17.7	16.4	15.7
15.	14.4	13.0	12.8	13.3	13.3	11.2	11.0	10.7	11.7	12.3	13.9	16.1	16.1	15.0	14.7	14.7	15.7	15.3	16.3	15.8	13.4	12.1	10.4	9.9
16.	10.1	11.4	10.6	9.6	9.6	10.4	10.3	12.2	15.6	17.7	19.9	20.8	21.6	23.1	23.0	23.4	23.9	23.1	22.8	21.7	18.9	16.1	14.9	13.6
17.	13.3	13.3	13.1	13.3	12.7	11.9	13.5	16.1	19.2	22.1	23.9	25.2	25.9	26.7	27.3	27.9	27.9	27.8	27.7	26.8	24.4	22.7	21.1	20.0
18.	19.8	17.9	16.9	16.1	15.1	14.9	15.0	17.7	20.7	23.3	25.8	27.1	28.9	30.4	30.1	27.7	26.1	25.4	25.6	23.3	22.2	22.0	24.4	21.6
19.	20.7	19.9	20.0	20.0	18.9	18.3	18.8	19.9	20.6	21.7	21.7	21.4	21.4	23.0	26.2	27.7	27.6	22.4	22.1	20.0	17.4	17.6	16.7	15.9
20.	14.4	12.8	11.2	10.8	9.9	9.5	11.1	15.0	18.2	20.1	21.8	23.5	24.6	24.0	25.3	25.6	25.1	25.0	22.8	21.6	20.4	16.7	14.1	13.9
21.	12.1	12.3	12.1	12.7	13.9	10.7	12.4	16.6	19.7	21.3	23.0	24.4	24.9	25.6	26.0	26.0	26.3	25.6	25.0	24.0	22.2	20.8	20.6	19.2
22.	19.2	19.4	19.1	17.8	18.3	17.6	17.2	17.9	20.3	23.4	25.4	27.6	28.4	28.5	26.3	27.8	28.1	27.6	26.1	24.9	22.3	20.0	19.4	18.3
23.	17.7	16.4	15.1	13.9	12.8	12.6	13.4	16.2	18.3	20.6	22.8	24.8	25.8	26.0	26.1	26.2	25.7	24.7	23.7	22.5	20.4	17.4	13.3	11.7
24.	10.1	10.0	9.1	9.8	9.5	8.3	10.6	15.7	18.3	19.7	21.7	23.3	25.0	26.3	26.8	27.6	27.7	27.8	27.4	26.3	24.8	23.8	23.1	21.2
25.	21.7	20.3	19.9	19.4	21.1	21.1	20.6	22.1	22.9	22.8	22.0	21.8	22.8	24.0	24.2	25.0	26.7	26.3	25.6	25.0	21.9	18.5	17.8	17.8
26.	16.9	16.7	17.1	16.8	16.6	14.8	15.0	16.4	19.7	22.7	25.4	26.7	27.2	27.2	27.8	27.8	28.1	27.4	27.1	25.7	22.1	17.2	16.6	13.9
27.	14.4	15.0	14.8	13.7	13.2	12.9	13.2	16.7	20.0	22.6	24.9	26.7	27.6	28.0	28.6	28.7	28.8	28.3	27.8	26.7	25.6	24.9	21.7	20.1
28.	17.8	17.5	15.1	12.7	11.7	11.6	12.2	13.8	16.1	18.0	21.6	21.2	22.7	22.3	22.9	23.9	23.3	23.3	22.7	21.4	19.4	18.6	17.2	17.1
29.	17.7	17.8	16.7	16.7	17.2	17.2	17.8	18.8	18.6	18.7	21.3	22.4	23.1	21.0	19.9	20.1	21.1	20.5	13.9	16.1	16.1	16.1	16.1	14.9
30.	13.0	12.8	12.2	12.5	12.8	12.2	12.8	10.7	14.3	16.1	17.3	16.0	16.6	17.2	17.8	18.1	18.8	18.4	18.8	17.8	15.6	13.8	11.6	11.7
31.	11.0	10.1	9.4	8.5	7.6	6.8	7.9	11.6	15.2	18.3	20.6	22.1	22.1	22.4	23.2	24.1	24.3	23.3	23.6	22.1	18.3	15.8	15.6	15.0

MEAN 16.4 16.1 15.4 14.9 14.6 14.1 14.8 16.8 18.9 20.5 22.3 23.5 24.3 24.8 25.1 25.4 25.5 24.9 24.4 23.1 21.2 19.4 18.2 16.9

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JULY 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.	13.8	13.9	13.1	12.8	11.2	10.0	13.3	16.1	16.3	15.8	16.2	16.8	15.5	17.1	16.7	16.7	16.7	17.1	16.9	17.3	16.7	16.1	14.7	13.9
2.	14.3	13.6	13.5	13.6	13.2	12.6	13.7	16.7	16.8	16.4	16.3	16.1	14.3	15.0	17.1	17.1	16.6	16.8	16.2	16.0	13.9	12.7	12.1	
3.	11.5	11.2	10.7	10.6	10.7	11.5	12.8	14.2	15.4	16.6	16.7	17.3	16.4	17.2	16.6	17.1	16.7	16.2	16.1	17.2	16.4	15.6	14.6	14.3
4.	14.1	13.5	12.8	12.6	12.5	12.8	13.3	14.9	15.8	16.2	17.7	16.1	16.3	18.2	18.3	17.9	18.4	18.3	17.9	17.9	17.8	16.8	16.2	16.1
5.	15.7	15.3	15.0	14.8	14.9	14.9	15.0	16.1	16.6	17.4	19.5	20.1	20.6	21.3	22.2	22.7	22.5	22.9	22.4	22.0	21.7	19.9	18.2	18.1
6.	15.1	17.6	17.4	15.6	15.2	15.1	15.8	16.8	18.2	19.7	19.2	18.3	17.2	16.9	19.7	20.6	20.4	16.4	16.3	17.1	15.6	15.6	14.7	14.3
7.	14.3	14.2	13.4	13.1	12.5	13.2	14.2	16.7	18.0	16.9	17.8	18.1	16.8	17.7	17.8	17.2	17.8	18.5	18.4	18.3	18.2	16.8	16.0	15.4
8.	15.0	14.9	14.4	13.9	14.4	14.9	15.4	16.1	16.9	17.3	18.3	18.2	18.7	19.6	19.4	19.7	19.5	20.1	20.2	20.0	19.9	20.2	19.4	18.8
9.	14.3	18.3	18.8	18.9	18.7	18.4	18.3	18.9	19.5	21.1	21.7	22.6	22.2	21.7	22.4	22.3	22.3	21.3	21.1	21.3	21.4	20.5	19.9	18.8
10	18.3	17.8	17.5	16.9	16.4	16.1	16.4	17.5	17.6	17.0	17.8	18.4	19.2	18.7	18.2	17.9	17.1	15.7	16.7	14.4	12.8	11.2	10.7	10.6
11	10.6	10.3	9.9	9.4	9.3	8.7	8.9	9.1	9.5	9.9	11.2	11.6	12.5	12.8	13.9	14.3	14.7	15.0	14.9	14.6	14.2	13.3	11.7	10.6
12	10.2	9.1	10.6	11.1	10.4	10.4	11.2	12.8	13.6	13.4	14.4	15.8	14.9	14.6	15.1	15.6	15.0	15.9	15.6	15.3	15.1	14.9	15.0	15.5
13	15.4	15.6	15.7	15.6	15.6	15.4	15.0	15.2	16.7	18.0	20.1	22.1	21.7	20.9	19.8	19.4	19.7	18.5	18.4	18.2	17.6	16.8	16.4	
14	16.1	15.4	14.6	14.6	14.1	13.9	14.2	15.4	16.6	16.8	18.2	17.5	17.3	17.2	17.8	17.5	16.9	16.7	15.8	15.4	14.2	13.4	12.6	12.2
15	11.7	11.1	11.3	12.1	11.4	10.6	10.6	9.9	10.6	11.2	12.1	12.7	12.2	12.0	12.2	11.7	12.3	11.0	11.3	11.2	10.9	10.0	8.9	8.4
16	8.9	9.6	8.9	8.3	8.3	9.2	9.0	10.6	12.9	14.0	14.9	13.9	14.1	14.9	14.4	14.4	15.1	14.6	14.5	14.4	13.8	12.7	12.1	11.3
17	11.2	11.1	10.6	11.0	10.7	10.4	11.4	13.3	15.2	16.5	17.4	16.9	17.3	17.1	18.0	17.8	18.1	17.8	17.8	17.3	16.8	15.9	15.4	
18	15.1	14.4	14.0	13.4	12.8	12.5	12.7	14.2	15.6	16.8	17.6	18.7	20.1	21.2	20.3	19.8	19.5	18.9	18.2	18.3	18.6	17.8	17.3	17.5
19	17.3	17.2	17.2	17.0	17.3	17.8	17.8	17.8	18.6	18.4	18.6	19.3	19.5	20.4	20.6	20.5	19.6	18.8	18.3	18.9	14.3	14.2	13.1	
20	12.0	11.1	9.8	9.3	8.9	8.4	9.4	12.7	14.8	15.6	15.9	15.3	14.8	14.3	14.4	15.4	15.3	15.6	14.1	14.2	14.2	12.8	11.8	11.7
21	10.6	10.6	10.6	10.6	10.8	9.4	10.6	13.1	13.8	14.1	15.1	15.6	15.7	15.4	15.7	16.0	15.7	15.9	15.9	15.7	14.9	14.2	14.0	13.4
22	13.3	13.3	13.5	13.3	13.8	13.7	13.7	13.9	15.3	16.9	18.1	20.0	20.2	19.8	18.7	17.1	17.6	17.8	17.2	17.0	16.6	15.6	15.9	14.8
23	13.9	12.7	11.7	11.1	10.6	10.4	11.0	12.2	13.9	14.7	16.1	17.2	16.1	16.2	16.1	16.6	16.0	15.8	14.8	15.1	15.4	13.8	11.5	10.6
24	9.4	9.4	8.6	9.4	9.4	8.1	10.0	13.9	15.1	15.8	16.7	17.2	17.8	17.2	17.2	17.8	17.3	18.1	18.2	18.3	17.7	16.9	16.5	16.2
25	16.1	15.3	15.6	15.8	16.1	16.2	16.4	17.4	18.4	18.8	18.4	18.1	18.5	18.9	19.4	19.6	19.9	19.3	18.5	17.9	17.7	16.3	16.3	16.7
26	16.1	16.1	16.2	15.9	15.5	13.9	13.8	15.1	16.9	18.1	16.9	17.1	16.3	16.1	16.1	16.1	16.8	15.9	15.6	15.7	15.4	13.6	12.7	11.7
27	11.9	11.9	12.7	11.7	11.7	11.4	11.3	13.1	14.8	16.1	17.3	17.6	17.3	17.8	17.7	18.3	17.9	18.6	17.8	18.3	18.2	17.8	16.4	17.0
28	16.8	16.4	12.8	11.2	10.1	9.8	9.9	10.7	11.9	12.7	14.2	13.5	14.2	14.1	14.6	14.6	14.7	14.9	14.4	14.6	13.7	12.9	12.4	12.2
29	12.3	12.8	13.3	13.9	13.8	13.8	13.8	13.9	13.7	14.1	14.2	16.0	16.1	16.7	15.9	15.6	16.6	16.3	15.6	12.9	15.6	15.2	15.6	13.9
30	12.8	12.7	11.9	12.2	12.5	12.2	12.6	10.5	14.0	15.2	15.6	15.2	15.6	15.8	15.8	15.1	15.0	14.9	14.5	14.2	13.9	12.8	11.1	11.2
31	10.1	9.6	8.8	8.0	7.2	6.6	7.7	10.6	13.6	16.3	16.1	14.9	14.5	14.5	14.4	15.4	15.3	14.3	15.7	15.4	14.6	13.3	12.8	12.6

MEAN	13.6	13.4	13.1	12.8	12.6	12.3	12.9	14.2	15.4	16.0	16.8	17.1	17.0	17.1	17.3	17.3	17.3	17.1	16.7	16.6	16.2	15.3	14.6	14.1
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1976

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

ALL TIMES ARE C.S.T.

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 GUST	HOUR	
1	C	SSE	C	C	WNW	N	C	NNW	N	E	ESE	E	SE	ESE	SE	SE	S	S	S	SW	SW	SW	C	C	SSE	33	14 C.S.T.
2	C	C	C	C	C	N	ENE	E	SE	ESE	SE	SE	ESE	SE	SE	SE	SE	SSE	SE	SE	SE	ESE	SE	SE	SE	32	10 C.S.T.
3	SE	SE	SE	S	S	SSE	S	S	S	S	SW	S	S	S	S	S	SSW	SSW	SSW	SSE	S	SSE	SE	SSE	SSE	33	16 C.S.T.
4	9	11	9	9	13	17	17	13	19	22	24	26	24	28	28	28	30	24	28	SSE	SSE	SSE	SSE	SSE	S	41	16 C.S.T.
5	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	S	56	13 C.S.T.
6	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	44	15 C.S.T.
7	W	W	W	WNW	W	WNW	W	C	NE	NNE	NNE	N	NNW	N	NE	C	SE	SE	SE	S	SSE	SE	ESE	SE	S	56	17 C.S.T.
8	SSE	S	S	S	SSE	S	SSE	S	S	SSW	SSE	SSE	SSE	S	S	S	SSE	S	S	S	SSW	SSW	S	S	SSE	56	03 C.S.T.
9	SSE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	43	20 C.S.T.
10	WSW	W	WSW	W	W	W	W	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	ENE	NE	NNE	NNE	NNW	NNE	41	14 C.S.T.
11	N	N	N	N	NNE	NNW	NNE	NE	NNE	NNE	N	NE	NNE	N	NE	NE	NE	NE	NE	NE	NE	NE	C	C	N	33	19 C.S.T.
12	NE	ENE	ESE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SSE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	E	56	13 C.S.T.
13	SE	SE	SE	ESE	E	ESE	SE	SE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	W	50	13 C.S.T.
14	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	59	13 C.S.T.
15	W	WNW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NNW	56	13 C.S.T.



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