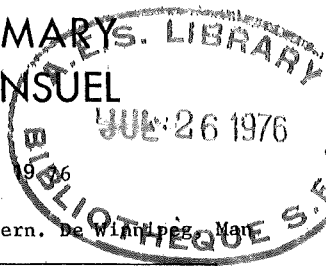


# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL



MONTH/MOIS June / Juin

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: 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 DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION			
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	mm	cm	mm	cm	km/h	km/h	+	+	+		
1	28.4	13.4	20.9	0.0	15.9	83	38					19.5	SSE	+	28	13.7		
2	30.7	16.7	23.7	0.0	18.7	77	33	1	4.3	4.3		20.2	S	+	28	11.6		
3	30.8	18.5	24.7	0.0	19.7	58	28		...	...		26.8	S		48	8.6		
4	31.3	18.3	24.8	0.0	19.8	51	28	1	.5	.5		39.1	S		54	10.0		
5	29.1	18.0	23.6	0.0	18.6	86	37	1	.8	.8		20.0	S		35	5.4		
6	30.1	16.2	23.2	0.0	18.2	98	51	1	27.2	27.2		10.0	S	SE		37	7.7	
7	22.8	12.9	17.9	0.1	12.9	100	68		1.0	1.0		11.2	N,NNE	ENE	+	17	5.2	
8	24.0	11.1	17.6	0.4	12.6	91	47		3.6	3.6		13.0	NE	NE		20	8.2	
9	26.1	12.3	19.2	0.0	14.2	98	71	1	22.1	22.1		12.7	E	ESE		28	1.9	
10	27.7	16.8	22.3	0.0	17.3	94	41		...	...		18.7	WNW *	NNW		33	15.0	
11	28.1	14.1	21.1	0.0	16.1	89	50	1	3.6	3.6		23.5	SE	SE		44	6.8	
12	25.1	14.9	20.0	0.0	15.0	94	75	1	24.6	24.6		15.7	S,SE	Se		33	3.8	
13	17.7	13.2	15.5	2.5	10.5	94	82		10.7	10.7		24.9	W	WNW	+	39	0.4	
14	15.9	11.0	13.5	4.5	8.5	94	74		1.5	1.5		24.2	NW	WNW	+	33	2.2	
15	12.4	4.8	8.6	9.4	3.6	92	69		TR.	TR.		26.2	N	N		37	2.0	
16	19.9	2.6	11.3	6.7	6.3	100	63		24.9	24.9		17.5	S	S		35	6.3	
17	14.8	8.3	11.6	6.4	6.6	96	61		2.3	2.3		27.9	NNW	NW		37	6.2	
18	20.4	5.9	13.2	4.8	8.2	95	41		...	...		19.7	NNW	WNW		28	15.5	
19	25.6	10.9	18.3	0.0	13.3	83	33		...	...		15.9	WSW	WSW		26	15.7	
20	30.8	12.8	21.8	0.0	16.8	77	39		...	...		19.7	S	WSW		28	13.3	
21	24.0	11.7	17.9	0.1	12.9	89	38		1.5	1.5		11.8	WSW *	NW		24	11.1	
22	23.5	8.8	16.2	1.8	11.2	91	47		TR.	TR.		19.3	NE	NNE		35	10.8	
23	29.6	18.2	23.9	0.0	18.9	76	38		...	...		25.0	SSE	SSE	+	37	13.1	
24	23.9	14.7	19.3	0.0	14.3	96	67	1	14.0	14.0		22.5	SE	SE		33	6.5	
25	19.6	12.5	16.1	1.9	11.1	100	58		28.7	28.7		18.1	WNW	W	+	28	5.2	
26	20.1	11.1	15.6	2.4	10.6	94	57		3.8	3.8		13.1	S	S		22	3.5	
27	23.9	10.5	17.2	0.8	12.2	87	36		...	...		17.5	WSW	SSW	+	28	13.8	
28	21.3	9.0	15.2	2.8	10.2	93	56	1	7.4	7.4		10.1	W	SSW		20	9.9	
29	22.8	9.6	16.2	1.8	11.2	95	45		...	...		15.2	NNE	N	+	22	14.9	
30	25.5	9.2	17.4	.6	12.4	98	44		...	...		5.0	CALM	WNW	+	9	13.0	
31																		
MEAN MOYENNE	24.2	12.3	18.3	47.0	397.8	89	51	9	182.5	182.5		18.8	PREVAILING SOUTH DOMINANTE	MAXIMUM South	54	261.3		
NORMAL NORMALE	22.7	10.3	16.5	73.3	345.0			5.3	80.3	TR.		18.5	SOUTH			258.9		

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	mm					cm					
								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	47.0	76.5	73.3	TOTAL FOR MONTH TOTAL DU MOIS	397.8	357.6	345.0											
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 <sup>er</sup> JUILLET	5687.5	5785.7	5863.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 <sup>er</sup> AVRIL	677.8	615.7	586.3	18	16	13	7	0	0	0	0	0	0	0

UDC 551.506.1 (712.4) Hail / Grêle 6, 7, 9, 24th. (Other wind direction \* 10th NNW, & \* 21st NW.  
 \* Maximum Gusts - Indicates more than one occurrence of same speed but not necessarily the same direction.

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		June / Juin		1976							
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	31.3	4	30.8	20	31.7	38.3	23	1900	26.1	19 & 24	1957	105	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	2.6	16	3.3	15	1.1	6.7	9, 11 & 12	1873	-6.1	1, 2 1st	1902 1888	105	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	18.3		16.9		16.5	20.3		1910	12.3		1969	105	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	182.5		120.4		80.3	255.8		1901	3.3		1961	105	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	NIL		NIL		TR.	1.3		1875				105	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	182.5		120.4		80.3	255.8		1901	3.3		1961	105	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	18		15		12	20		1901	3		1961	93	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	28.7	25	54.4	22		152.4	26	1901				105	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	NIL					.3	12	1969				105	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	28.7	25	54.4	22		152.4	26	1901				105	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES	8.4	6	5.3	26		9.1	30	1952				20	
10 MINUTES	15.0	9	9.4	26		17.8	30	1952				20	
15 MINUTES	18.0	9	11.4	26		22.4	30	1952				20	
30 MINUTES	21.8	9	17.3	26		28.4	30	1952				20	
60 MINUTES	22.1	9	19.3	26		35.6	18	1964				20	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	42.7	24-25	54.4	22		152.4	26	1901				105	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	18.8		14.5		18.5	23.0		1965	13.4		1928	56	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	S 54	4	ESE 48	28	56	S 90	7	1954				38	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	WSW100	6	SE 74	19	85	WNW127	29	1967				33	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	261.3		252.0		258.9	376.0		1974	172.8		1925	77	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	98.2		98.1		98.3	98.6		1946	97.9		1973	30	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	99.3	30	99.1	24	99.6	100.4	14 & 1	1961 1967				38	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	96.1	13	96.7	4	96.7				94.9	7	1954	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 PRECIPI. 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	29.4	0.6	15.8	50.3		50.3	17.9	S & W 50	292.6	80.0	328.9		
1968	32.8	2.8	15.3	82.8		82.8	19.3	NW 60	248.7	91.7	313.9		
1969	26.7	-1.7	12.2	104.6	.3	104.9	17.2	NE 53	263.6	167.8	224.4		
1970	36.1	4.4	18.9	50.5		50.5	17.2	NW 45	302.0	27.8	420.0		
1971	31.7	1.7	17.6	75.9		75.9	13.7	SE 37	257.3	41.7	380.0		
1972	33.3	-1.1	17.3	50.3		50.3	15.0	S 40	372.5	56.1	378.9		
1973	30.0	0.0	16.2	88.1		88.1	18.8	N 64	253.6	75.0	341.1		
1974	35.6	2.8	17.1	17.8		17.8	16.7	NW 51	376.0	65.0	365.6		
1975	30.8	3.3	16.9	120.4		120.4	14.5	ESE 48	252.0	76.5	357.6		
1976	31.3	2.6	18.3	182.5		182.5	18.8	S 54	261.3	47.0	397.8		

More than twice the normal rainfall fell on Winnipeg in June, but other weather conditions stayed near normal.

Rainfall totalled 182.5 mm's, which is 102.2 mm's more than normal, but well short of the record of 255.8 mm's set in 1902. The heaviest downpour occurred on June 25 with 28.7 being recorded. Most of this month's deluge fell in the period from June 4 to 17th.

Nine thunderstorms were recorded during the month which is well above the normal of 5.3 for June. A lightning bolt associated with a thunderstorm on June 6 was responsible for the death of two people and injury to four others. High winds and hail accompanying thunderstorms on July 6 and 9th caused severe structural damage and injury to several people.

Temperatures averaged slightly above normal at 18.3 C and ranged from a minimum of 2.6C on June 16th to a maximum of 31.3C on June 4th.

Winds averaged slightly above normal at 18.8 KM/H.

Sunshine was 2.4 hours more than usual with a total of 261.3 hours.

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DAILY WEATHER SUMMARY FOR JUNE 1976AT WINNIPEG, MANITOBA

1. Warm. Partly cloudy. Mostly light winds.
2. Cloudy and warm. Thunder 01:41 a.m. to 03:37 a.m. Showers 01:29 a.m. to 07:20 a.m. Gusty south winds in afternoon.
3. Warm and mostly cloudy. Gusty southerly winds.
4. Warm and mostly cloudy. Strong and gusty southerly winds. Thunder 10:53 p.m. continuing Showers 06:37 p.m. to 11:48 p.m.
5. Warm and cloudy. Mostly light winds. Thunder ending 00:22 a.m. 11:19 p.m. continued. Showers 8:26 p.m. continuing.
6. Cloudy and warm. Thunder ending 01:09 a.m. and again 1:05 p.m. to 7:02 p.m. Showers to 4:38 a.m. and again 3:23 p.m. to 7:20 p.m. Hail 3:42 p.m. to 3:54 p.m. Gusty winds WSW 100 KM/H during thunderstorm. Two people killed by lightning near Winnipeg. Property damage considerable, flooded basements, power failures.
7. Above normal temperature. Mostly cloudy. Light winds. Fog 03:55 a.m. to 05:15 a.m. Showers 01:31 p.m. to 03:23 p.m. Hail 02:53 p.m. to 02:54 p.m.
8. Above normal temperature. Mostly cloudy. Light winds. Showers 03:38 p.m. to 06:10 p.m. Drizzle 06:10 p.m. to 06:20 p.m. Lightning in evening.
9. Above normal temperature. Mostly cloudy, light fog in afternoon. Light winds except NNW 96KM/H during storm. Thunder 01:31 p.m. to 02:44 p.m. Showers 09:44 a.m. to 02:32 p.m. Hail 01:44 p.m. to 01:54 p.m. Property damage. Basements flooded, power failures, roofs collapsed.
10. Sunny and above normal temperature. Mostly light winds.
11. Partly cloudy and above normal temperature. Gusty SE winds in afternoon. Thunder beginning at 11:01 p.m. Showers 12:22 p.m. to 12:46 p.m. 11:14 p.m. continued.
12. Mostly cloudy with above normal temperature. Mostly light winds. Thunder to 3:44 a.m., 9:18 p.m. to 10:19 p.m. Showers ending at 04:06 a.m. Drizzle 10:50 to 11:01 a.m. Showers 5:42 p.m. to 11:46 p.m.
13. Cloudy and normal temperature. Strong and gusty westerly winds in afternoon and evening. Drizzle from 06:48 a.m. to 08:19 a.m. Showers from 09:24 a.m. to 8:20 p.m.
14. Cloudy with below normal temperature. Mostly light winds. Drizzle from 00:25 a.m. to 01:49 p.m.
15. Cloudy and cool. Moderate northerly winds. Drizzle from 00:36 a.m. to 01:10 a.m.
16. Mostly cloudy with below normal temperature. Mostly light southerly winds. Showers 11:50 a.m. continued.
17. Mostly cloudy. Below normal temperature. Moderate NW winds. Shower to 4:25 a.m., 7:21 p.m. to 7:29 p.m.
18. Mostly sunny. Below normal temperature. Mostly light northerly winds.
19. Sunny with seasonable temperature. Mostly light westerly winds.
20. Mostly sunny with above normal temperature. Mostly light winds.
21. Mostly sunny. Seasonable temperatures. Mostly light winds. Showers 03:08 a.m. to 09:11 a.m. Lightning in morning.
22. Mostly sunny. Near normal temperature. Light to moderate southeasterly winds. Shower 02:27 p.m. to 02:34 p.m.
23. Warm. Mostly sunny. Gusty south winds.
24. Near normal temperatures. Cloudy. Thunder 1:10 p.m. to 4:45 p.m., 6:42 p.m. to 7:10 p.m. Hail 1:23 p.m. to 1:25 p.m. Showers 12:23 p.m. to 2:44 p.m. 5:05 p.m. continued. Mostly light winds.
25. Below normal temperatures. Mostly cloudy. Showers to 11:23 a.m. Some flooded basements.
26. Below normal temperatures. Mostly cloudy. Showers 08:39 a.m. to 6:45 p.m., 9:04 p.m. to 9:07 p.m.
27. Below normal temperatures. Mostly sunny. Mostly light winds.
28. Below normal temperature. Cloudy. Thunder 4:28 p.m. to 5:15 p.m. Showers 4:12 p.m. to 6:15 p.m.
29. Below normal temperature. Mostly sunny. Light winds.
30. Near normal temperature. Sunny. Light winds.

1976

JUNE

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.	18.4	17.4	16.3	15.6	13.6	14.3	15.1	16.8	19.8	21.6	23.5	24.6	24.7	26.7	27.1	27.4	26.6	26.8	26.8	26.0	24.1	23.3	22.3	21.1
2.	20.9	20.4	18.2	18.7	18.1	17.0	17.2	17.8	18.3	22.2	24.3	26.2	28.3	28.9	28.9	29.7	29.2	29.3	29.1	28.2	27.1	24.5	23.4	22.6
3.	21.7	21.2	20.6	20.3	19.4	18.9	19.4	20.8	21.3	23.3	26.7	27.2	28.3	29.3	28.8	29.9	30.0	29.4	28.3	26.7	25.7	23.9	22.7	21.8
4.	21.6	20.8	20.0	20.1	19.7	19.1	18.6	19.8	22.3	24.4	25.2	27.2	28.3	28.7	29.4	30.1	30.5	29.4	29.8	27.6	27.0	26.4	24.4	23.9
5.	21.3	21.8	20.5	18.4	18.3	18.2	18.9	20.1	20.9	22.7	26.2	26.0	26.2	24.8	25.9	28.1	27.8	28.2	26.7	25.0	22.8	19.8	19.4	18.9
6.	18.7	18.9	18.2	17.7	18.1	17.9	17.9	19.5	21.1	22.7	23.9	26.0	27.3	28.3	28.6	28.2	20.6	20.2	18.9	18.5	18.9	17.2	18.2	17.5
7.	16.4	15.4	15.6	15.0	14.3	15.4	15.9	16.7	17.3	17.3	18.3	20.0	21.7	21.4	22.2	20.9	21.6	21.8	21.2	20.0	18.6	16.4	16.7	14.7
8.	13.7	12.2	12.8	12.3	11.2	11.3	12.8	15.0	16.7	19.4	20.7	22.4	23.1	23.3	24.0	23.3	20.6	18.8	17.6	18.3	17.9	16.1	15.0	14.6
9.	13.9	12.8	13.2	13.6	13.9	13.3	16.2	18.1	18.6	19.4	20.0	21.4	23.3	25.6	16.9	17.6	18.9	19.6	19.1	19.7	19.8	17.3	16.8	17.7
10	17.3	17.2	17.7	17.8	17.3	17.1	17.7	19.7	21.6	23.0	24.4	25.4	26.3	26.1	26.8	27.4	27.2	27.2	26.3	24.6	22.8	20.9	18.8	17.9
11	17.2	16.1	15.1	14.7	15.3	15.6	15.4	17.9	19.6	21.7	23.6	25.1	26.1	23.9	24.4	26.1	26.7	27.7	27.8	25.7	24.8	24.1	23.8	23.3
12	18.3	18.6	17.8	16.8	16.9	17.5	17.1	17.3	17.8	18.1	19.4	18.6	19.4	21.9	23.8	24.3	24.1	22.6	19.1	19.2	18.9	19.5	15.1	14.9
13	14.9	14.9	14.8	14.7	14.4	14.8	14.4	14.4	14.4	15.9	16.6	17.5	17.3	16.8	16.8	16.7	16.8	17.1	17.3	15.3	14.7	15.0	14.4	14.3
14	13.3	12.8	12.2	12.2	11.6	11.4	11.9	13.9	13.7	14.0	13.8	13.8	15.0	15.4	14.9	15.1	15.5	14.9	14.4	13.6	12.5	12.6	12.3	11.8
15	11.3	10.6	10.6	10.0	9.5	9.4	9.4	9.4	8.8	9.1	9.9	10.5	11.4	11.6	11.2	11.7	11.7	11.8	11.9	11.9	10.7	7.7	6.4	5.2
16	5.7	5.0	3.9	3.3	3.2	4.6	6.8	9.4	11.7	13.5	14.6	16.3	16.7	17.2	17.2	19.4	19.1	17.2	17.2	16.8	16.1	15.6	15.1	14.2
17	14.0	14.0	13.3	12.9	12.2	11.1	11.0	11.1	12.2	11.3	12.3	12.9	13.1	12.8	12.9	13.8	13.9	12.2	12.1	11.2	10.1	9.6	9.5	8.9
18	8.5	8.2	8.1	7.8	6.3	6.3	7.1	9.7	11.6	13.5	14.8	16.3	17.1	18.4	19.2	19.5	19.9	19.8	20.0	19.3	17.7	15.8	14.5	14.0
19	12.9	12.9	11.6	12.2	12.1	11.2	12.0	14.9	17.7	19.8	21.9	23.5	24.1	24.6	24.9	25.1	25.6	25.3	25.1	24.9	21.3	19.6	18.9	17.8
20	17.5	16.7	15.7	13.9	13.2	13.2	14.3	16.1	18.4	20.7	22.4	23.7	26.5	27.8	29.4	30.4	30.3	28.9	28.3	25.6	23.9	21.5	19.9	18.3
21	17.9	16.9	17.3	18.9	15.0	15.1	15.6	16.1	16.4	17.2	20.4	20.9	22.1	22.9	22.9	23.2	23.1	23.2	23.3	22.2	20.0	17.2	13.6	11.9
22	12.2	11.9	10.0	10.6	10.6	8.8	12.7	15.8	17.3	19.7	20.6	21.3	21.7	22.8	22.5	22.3	21.8	22.1	21.1	20.0	19.2	18.2	18.7	18.9
23	19.4	19.4	18.3	18.8	18.9	18.8	19.9	21.3	21.6	24.3	25.7	26.7	28.0	28.4	28.7	28.5	28.7	28.3	27.8	26.7	25.2	23.3	23.3	22.6
24	21.0	20.3	19.5	18.9	18.6	17.8	17.9	18.7	20.1	21.1	21.6	22.1	22.6	20.6	18.7	19.6	17.9	16.7	16.1	16.0	15.1	15.2	14.9	14.9
25	15.0	14.4	13.8	13.7	13.7	13.3	13.4	13.4	13.3	13.3	14.3	14.8	15.3	16.8	17.8	17.8	19.4	18.9	18.6	17.7	17.7	15.3	14.3	13.4
26	13.3	11.9	11.6	12.2	12.2	12.8	13.6	14.7	17.4	15.9	17.1	16.6	18.9	19.4	18.7	16.2	15.9	15.1	15.0	13.9	13.3	13.1	12.8	12.2
27	12.6	12.7	12.2	11.9	11.1	11.1	12.1	13.9	16.3	17.7	19.1	20.6	21.6	22.4	22.8	22.8	22.9	17.8	20.6	19.4	17.6	17.1	16.1	15.1
28	14.4	12.8	11.8	10.6	9.4	9.4	12.2	14.4	15.6	17.2	18.9	18.8	18.8	19.3	20.0	19.6	19.8	15.0	17.4	17.4	17.1	14.9	13.7	12.3
29	13.0	11.7	12.2	10.3	10.3	10.2	13.3	15.6	17.7	19.3	20.0	20.1	20.5	21.2	21.6	21.9	22.6	22.3	22.1	21.5	19.4	16.6	14.3	13.1
30	12.1	11.0	11.2	10.1	10.2	10.4	12.6	15.1	18.6	20.2	21.7	22.3	23.4	23.6	23.8	24.6	24.6	24.6	23.8	23.8	21.5	16.8	17.0	16.1
MEAN	15.6	15.0	14.5	14.1	13.6	13.5	14.4	15.9	17.3	18.7	20.1	21.0	21.9	22.4	22.4	22.7	22.3	21.7	21.3	20.6	19.4	17.8	16.9	16.1

1976

JUNE

INTERNATIONAL AIRPORT FOR THE MONTH OF

WINNIPEG

HOURLY WEIBULB TEMPERATURES AT  
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	13.9	13.5	13.2	12.0	12.6	13.0	14.2	16.0	16.7	17.2	17.3	17.3	18.4	17.8	17.7	17.8	17.3	17.7	17.3	16.7	17.0	16.8	16.3
2.	15.9	15.6	15.7	15.4	14.7	14.1	14.3	14.6	14.9	17.1	17.9	18.2	19.1	19.3	18.6	18.8	18.3	18.2	18.1	17.9	17.6	16.6	16.1	15.9
3.	15.4	15.0	14.6	14.4	14.2	14.0	14.4	15.1	15.4	16.6	18.1	18.1	18.1	17.2	17.1	17.5	17.9	17.3	16.2	15.6	15.0	14.3	13.9	13.8
4.	13.7	13.3	13.1	13.3	13.1	12.8	12.8	13.3	14.3	15.2	15.7	16.9	17.7	17.8	18.1	18.0	17.3	17.3	17.1	16.8	16.3	15.9	15.9	15.4
5.	14.7	14.4	13.9	13.1	13.2	13.2	13.6	14.3	14.5	15.6	16.7	16.8	17.2	17.5	17.8	18.2	18.3	18.6	18.3	17.8	17.1	17.1	17.4	17.4
6.	16.9	16.9	16.9	16.7	17.1	16.9	17.1	17.1	17.8	18.9	19.5	20.1	21.2	21.7	21.1	21.7	16.7	18.7	18.3	18.1	18.4	17.5	17.8	17.2
7.	16.2	15.3	15.2	14.9	14.3	15.4	15.6	16.1	16.5	16.6	16.7	17.7	18.6	17.9	18.3	18.8	18.7	18.4	17.9	17.2	16.4	15.6	14.8	13.4
8.	12.3	11.4	11.6	11.0	10.3	10.4	11.4	13.2	14.4	16.5	16.8	17.1	16.6	16.8	16.6	16.6	16.5	16.8	16.2	15.3	15.3	14.6	13.7	13.3
9.	12.9	12.2	12.5	12.9	13.4	12.9	15.2	16.2	16.8	17.2	18.3	19.5	20.8	21.7	16.7	17.2	17.9	18.1	17.4	17.8	18.2	16.8	16.6	17.0
10	16.9	16.6	16.7	16.7	16.7	16.6	17.0	17.7	18.5	19.8	19.8	19.6	19.9	18.9	18.8	19.3	18.3	18.3	17.7	17.4	18.1	17.8	17.2	14.7
11	14.3	13.8	13.4	13.2	13.4	13.3	12.9	14.0	15.2	17.2	17.8	18.4	18.9	19.3	19.1	20.0	19.4	19.8	20.6	20.3	19.9	19.4	19.3	19.1
12	17.1	17.2	17.2	16.2	16.3	15.9	15.9	16.3	16.3	16.6	16.8	17.1	17.6	19.4	20.6	21.1	21.1	20.7	16.5	16.4	16.7	17.7	13.9	14.1
13	14.3	14.3	14.2	14.0	13.6	13.4	13.7	13.8	13.9	15.0	15.6	16.6	15.8	16.1	15.8	15.8	15.8	15.7	15.6	14.3	13.6	13.3	12.9	12.7
14	12.6	12.2	11.2	11.2	10.6	10.2	10.4	11.7	11.7	12.9	12.9	12.9	13.3	13.3	12.9	12.8	13.0	12.4	11.9	11.4	10.5	10.7	10.5	9.6
15	9.6	9.3	8.9	8.3	8.6	8.3	7.9	7.8	7.2	7.3	7.8	8.3	8.8	8.9	8.9	9.1	8.9	9.1	9.2	9.2	8.4	6.8	5.6	4.6
16	5.1	4.6	3.5	3.2	3.2	4.4	6.5	8.2	9.4	10.6	11.7	12.9	13.4	13.6	14.1	15.1	15.0	15.5	15.8	15.6	15.1	15.0	14.0	13.8
17	13.7	13.7	12.7	12.4	11.7	10.0	9.1	8.9	10.0	8.8	9.7	10.2	9.9	9.6	9.9	10.0	10.0	8.9	8.9	8.8	7.7	7.4	7.7	7.2
18	7.2	7.3	7.4	7.2	6.0	6.0	6.3	7.8	8.7	9.4	10.1	10.8	11.2	12.8	12.4	12.2	12.8	12.5	12.8	12.8	12.8	11.8	11.4	10.7
19	10.6	10.6	9.8	10.6	10.0	9.7	10.3	12.3	13.8	15.4	15.5	15.1	15.1	15.4	15.6	15.7	16.2	15.2	15.9	15.9	15.6	15.1	13.8	13.3
20	13.0	12.8	12.3	11.6	11.1	11.1	11.7	12.3	14.0	15.8	17.2	18.3	19.9	21.0	21.3	20.3	21.1	21.3	18.9	17.7	15.4	14.2	13.9	13.4
21	13.3	13.4	12.0	13.7	13.3	13.4	13.9	14.4	14.4	15.3	15.8	15.0	15.4	15.8	14.9	14.9	14.5	15.2	15.6	15.3	15.3	14.0	12.6	10.9
22	11.1	10.7	9.3	9.9	9.5	8.0	11.2	13.4	13.9	14.4	14.8	15.3	16.1	16.6	16.6	16.5	15.5	15.2	14.9	14.2	14.3	14.8	15.5	15.6
23	14.7	14.6	14.7	15.6	16.1	15.7	15.9	16.6	16.5	17.9	18.5	18.4	19.2	18.6	18.7	19.3	19.7	19.9	19.4	19.9	18.7	18.4	17.8	17.3
24	16.7	16.6	16.4	16.1	16.1	15.6	15.6	16.1	17.2	17.3	17.6	17.9	18.7	18.4	17.2	17.5	17.0	15.6	15.3	15.4	14.5	14.7	14.4	14.4
25	14.6	14.0	13.3	13.3	13.3	13.3	12.9	13.1	12.9	12.9	13.5	13.7	13.5	13.7	14.3	13.7	14.4	13.9	13.9	13.8	13.8	13.1	12.1	11.6
26	11.1	10.8	10.4	10.9	11.1	11.7	12.4	12.9	14.2	13.9	13.7	13.8	14.9	14.3	14.8	14.9	14.6	14.2	13.9	13.0	12.8	12.1	11.7	11.6
27	11.7	11.6	10.6	10.4	10.0	9.9	10.3	11.4	12.8	13.3	13.4	15.0	14.2	14.7	14.4	13.9	13.7	12.4	12.9	13.9	12.9	12.8	12.6	12.6
28	12.1	11.2	10.6	10.0	8.9	8.6	11.0	12.2	13.1	13.6	13.8	14.6	14.7	14.6	15.3	14.8	15.0	12.8	13.9	15.2	14.9	13.9	13.0	11.8
29	12.2	11.0	11.4	9.7	9.9	9.9	12.7	14.4	15.8	16.6	16.3	16.1	15.6	16.1	16.2	15.6	15.2	15.5	14.9	14.6	15.4	14.5	13.2	12.2
30	11.6	10.4	10.7	9.9	9.9	10.1	12.2	14.0	16.2	16.1	16.3	16.6	11.2	16.6	17.6	17.3	16.7	16.9	17.1	17.3	16.8	15.6	14.4	14.3

MEAN	13.2	12.8	12.5	12.3	12.1	11.9	12.6	13.4	14.2	15.0	15.5	15.9	16.1	16.5	16.4	16.5	16.3	16.0	15.8	15.5	15.1	14.6	14.0	13.5
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1976

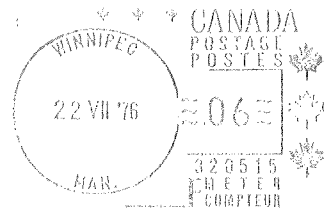
ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE

ALL TIMES ARE C.S.T.

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 GUST	HOUR
1	SSE S	17	17	15	15	11	13	13	17	19	17	S	SSE SSE S	20	26	24	24	17	26	28	24	15	19	20	20	S	17 C.S.T.
2	SSE SSE S	20	17	20	19	15	11	13	15	4	19	22	24	26	22	22	22	28	28	26	28	24	19	19	22	S	18 C.S.T.
3	S S	22	22	24	24	22	22	19	20	17	20	22	37	22	48	37	33	37	33	28	30	28	26	24	26	S	14 C.S.T.
4	SSE SSE S	31	30	31	33	31	35	35	33	52	39	43	52	54	48	46	54	46	48	41	31	37	22	30	37	SSE SSE S	12 C.S.T.
5	S SSW SSW S	30	30	17	22	30	28	35	26	22	26	35	33	20	19	19	15	6	19	26	11	6	0	6	0	SSW	11 C.S.T.
6	ESE NW SE	15	6	6	7	6	4	9	13	7	6	7	22	17	9	13	9	37	0	9	17	7	0	7	7	WSW	16 C.S.T.
7	NNW NW NW	13	7	11	11	11	11	11	9	15	11	17	15	9	15	17	0	9	13	13	9	9	9	17	6	NNW	
8	NNE N NNE NNE N	9	7	13	15	15	15	19	11	19	20	13	15	13	13	20	7	15	15	17	7	11	7	11	6	ENE	
9	ENE NE E E	9	6	7	9	9	4	13	15	9	17	28	19	11	17	28	15	13	19	20	7	7	0	11	11	NNW	14 C.S.T.
10	SSW SSW SSW SSW	13	19	13	17	13	11	11	11	17	15	19	24	26	24	28	30	33	30	22	15	15	13	15	15	NW	15 C.S.T.
11	E E E E	11	11	11	13	15	17	11	20	24	24	26	20	26	20	31	39	44	39	30	24	26	30	30	22	SE	17 C.S.T.
12	SE SW ESE SSE ESE SE	11	17	4	19	31	33	13	13	17	20	6	7	13	13	22	13	13	13	22	20	26	22	11	4	SE	18 C.S.T.
13	S S SSW SSW SSW S	11	19	15	20	22	19	20	19	19	13	15	17	28	26	31	30	37	33	37	39	33	28	28	28	W	16 C.S.T.
14	NNW NW NNW NNW	33	24	24	19	22	28	28	33	20	15	17	11	19	26	24	30	28	24	31	33	28	15	20	30	NNW	20 C.S.T.
15	N N N N N	28	28	31	37	33	30	33	31	28	28	33	31	31	33	37	31	20	26	17	20	13	11	9	11	N	03 C.S.T.

16	WNW 7	W 6	C 0	C 0	SW 4	S 4	S 9	S 17	SSE 24	SSE 26	S 28	S 31	S 35	S 33	SSE 28	S 33	S 28	SSW 33	S 33	S 19	S 17	S 20	S 11	E 13	SSW 22	SSW 6	S 44	13 C.S.T.
17	W 13	NW 19	NNW 24	NNW 17	NNW 31	N 26	N 24	NNW 28	NNW 33	NNW 35	NNW 28	NNW 30	NNW 35	NNW 33	NNW 28	NNW 37	NNW 35	NNW 28	NNW 33	NNW 28	NNW 30	NNW 26	NNW 31	NNW 19	NNW 33	NNW 19	N 50	13 C.S.T.
18	NNW 22	NNW 26	NNW 22	NNW 17	NNW 24	NNW 20	NNW 22	NNW 24	NNW 19	NNW 24	NNW 19	NNW 24	NNW 24	NNW 19	NNW 22	NNW 28	NNW 19	NNW 26	NNW 17	NNW 24	NNW 17	NNW 24	NNW 9	NNW 11	NNW 11	NNW 44	14 C.S.T.	
19	WSW 11	WSW 11	WSW 7	WSW 15	WSW 13	W 13	W 19	W 15	WSW 19	WSW 19	WSW 24	WSW 24	WSW 19	WSW 19	WSW 24	WSW 26	WSW 24	WSW 22	WSW 24	WSW 22	WSW 24	WSW 11	WSW 9	WSW 11	WSW 13	WSW 17	WSW 41	14 C.S.T.
20	SSW 17	SSW 15	SSW 20	SSW 20	SSW 19	SSW 19	SSW 20	SSW 22	SSW 22	SSW 22	SSW 22	SSW 26	SSW 26	SSW 26	SSW 24	SSW 28	SSW 24	SSW 24	SSW 28	SSW 24	SSW 19	SSW 17	SSW 15	SSW 9	SSW 11	SSW 41	17 C.S.T.	
21	WSW 11	WSW 15	WSW 19	WSW 11	WSW 7	WSW 4	WSW 4	WSW 4	WSW 7	WSW 6	WSW 15	WSW 15	WSW 15	WSW 15	WSW 17	WSW 24	WSW 19	WSW 15	WSW 13	WSW 9	WSW 11	WSW 4	WSW 0	WSW 11	WSW 11	WSW 37	04 C.S.T.	
22	N 13	ENE 4	NNE 9	ENE 6	ENE 7	ENE 6	ENE 13	ENE 17	ENE 22	ENE 28	ENE 28	ENE 28	ENE 24	ENE 26	ENE 33	ENE 30	ENE 35	ENE 33	ENE 31	ENE 28	ENE 19	ENE 15	ENE 15	ENE 17	ENE 19	ENE 48	16 C.S.T.	
23	E 19	E 20	ESE 13	ESE 20	ESE 22	SE 22	SE 22	SSE 26	SSE 24	SSE 30	SSE 24	SSE 26	SSE 30	SSE 37	SSE 33	SSE 31	SSE 31	SSE 31	SSE 28	SSE 22	SSE 22	SSE 17	SSE 6	SSE 17	SSE 26	SSE 52	13 C.S.T.	
24	SE 24	SE 26	SE 24	SE 28	SE 20	SE 24	SE 20	SE 33	SE 28	SE 26	SE 28	SE 26	SE 26	SE 17	SE 30	SE 19	SE 22	SE 28	SE 19	SE 28	SE 19	SE 15	SE 13	SE 15	SE 15	SE 15	S 59	14 C.S.T.
25	WNW 11	WNW 19	WNW 28	WNW 20	WNW 15	WNW 20	WNW 22	WNW 24	WNW 19	WNW 19	WNW 22	WNW 22	WNW 22	WNW 26	WNW 20	WNW 22	WNW 17	WNW 15	WNW 15	WNW 9	WNW 7	WNW 6	WNW 15	WNW 17	WNW 11	WNW 41	03 C.S.T.	
26	SSE 15	SSE 11	SE 15	SE 15	SW 15	SW 7	SW 9	SW 9	SW 9	SW 7	SW 0	SW 7	SW 9	SW 15	SW 22	SW 17	SW 15	SW 17	SW 17	SW 17	SW 11	SW 11	SW 19	SW 20	SW 15	SW 15	SW 41	17 C.S.T.
27	SSW 13	SSW 15	SSW 19	SSW 17	SSW 15	SSW 19	SSW 15	SSW 17	SSW 15	SSW 19	SSW 17	SSW 19	SSW 20	SSW 26	SSW 15	SSW 19	SSW 28	SSW 28	SSW 15	SSW 22	SSW 15	SSW 22	SSW 11	SSW 13	SSW 4	SSW 65	17 C.S.T.	
28	WSW 9	WSW 13	WSW 11	WSW 17	WSW 0	WSW 11	WSW 15	WSW 13	WSW 7	WSW 11	WSW 13	WSW 11	WSW 15	WSW 11	WSW 7	WSW 7	WSW 0	WSW 20	WSW 9	WSW 6	WSW 6	WSW 11	WSW 9	WSW 11	WSW 11	WSW 33	17 C.S.T.	
29	N 17	N 13	NNE 17	NNE 11	NNE 9	NNE 7	NNE 15	NNE 17	NNE 17	NNE 22	NNE 20	NNE 22	NNE 17	NNE 22	NNE 22	NNE 20	NNE 19	NNE 20	NNE 19	NNE 13	NNE 9	NNE 6	NNE 7	NNE 9	NNE 9	NNE 37	13 C.S.T.	
30	WNW 9	WNW 9	WNW 0	WNW 7	WNW 6	WNW 9	WNW 0	WNW 6	WNW 6	WNW 9	WNW 6	WNW 6	WNW 6	WNW 0	WNW 6	WNW 7	WNW 9	WNW 0	WNW 7	WNW 0	WNW 7	WNW 0	WNW 4	WNW 6	WNW 0	WNW 0	WNW 0	WNW 0
SUM																												

MEAN 16.116.115.316.617.215.916.917.819.318.320.422.621.922.924.223.423.823.021.618.316.013.515.914.4



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