

# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS AUGUST / AOÛT 1976

AT/À WINNIPEG INTERNATIONAL AIRPORT / A L'AÉROPORT 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.		PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE HEURES EFFECTIVES					
	MAXIMUM MAXIMALE °C	MINIMUM MINIMALE °C	MEAN MOYENNE °C	HEATING DE CHAUFFE BASE 18.0°C	GROWING DE CROISSANCE BASE 5.0°C	MAXIMUM MAXIMALE %	MINIMUM MINIMALE %	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR) mm	SNOWFALL NEIGE (HAUTEUR) cm		TOTAL PRECIP. PRÉCIP. TOTALE mm	AVERAGE SPEED VITESSE MOYENNE km/h	PREVAILING DIRECTION DOMINANTE		MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION km/h				
1	25.8	7.9	16.9	1.1	11.9	93	29					11.7	NW	NNE 24	14.2					
2	27.2	8.9	18.1	0.0	13.1	93	35					7.8	W	NNW 17	13.8					
3	31.3	11.2	21.3	0.0	16.3	75	30					11.2	S	SW 19	11.0					
4	24.6	12.1	18.4	0.0	13.4	86	39		Tr.		Tr.	19.8	NNE	NNE 37	5.5					
5	21.7	6.1	13.9	4.1	8.9	85	32					15.1	NNE	NE 24	14.6					
6	26.5	7.3	16.9	1.1	11.9	92	28					11.5	W	SW 19*	13.9					
7	31.4	10.1	20.8	0.0	15.8	75	23					16.7	S, SSW	S 26	13.0					
8	26.6	17.8	22.2	0.0	17.2	69	47		Tr.		Tr.	16.5	SE	SSE 28	6.3					
9	22.9	11.0	17.0	1.0	12.0	94	65	1	.5		.5	10.2	Calm	SE 33	2.9					
10	29.6	14.8	22.2	0.0	17.2	92	36		1.0		1.0	13.8	WSW	SW 24	12.7					
11	23.9	13.7	18.8	0.0	13.8	94	62	1	7.4		7.4	10.3	NW	NNW 20	5.6					
12	18.0	14.3	16.2	1.8	11.2	96	76		Tr.		Tr.	13.9	NNW	NNW 20	0.0					
13	23.2	14.7	19.0	0.0	14.0	92	51		Tr.		Tr.	12.5	NE	E 24	9.7					
14	24.7	12.8	18.8	0.0	13.8	87	39					15.7	SE	ESE 26	12.8					
15	24.8	10.4	17.6	0.4	12.6	75	30					20.0	S	SSE 28	14.0					
16	27.1	12.2	19.7	0.0	14.7	67	38					26.5	SSE	S 41	11.2					
17	29.5	17.6	23.6	0.0	18.6	84	57					25.7	SSE	SSE 35	12.0					
18	31.1	17.0	24.1	0.0	19.1	94	51	1	.5		.5	9.3	NE	N 22*	6.3					
19	32.8	18.7	25.8	0.0	20.8	93	57	1	.5		.5	9.1	SSW	SSW 24	8.5					
20	32.5	17.8	25.2	0.0	20.2	94	39	1	14.0		14.0	19.0	S	SSE 33	10.0					
21	27.8	12.7	20.3	0.0	15.3	77	28					15.8	WNW	WNW 26*	13.7					
22	28.9	8.9	18.9	0.0	13.9	90	27					8.6	SE	SE 20	13.7					
23	31.8	13.3	22.6	0.0	17.6	70	27					25.7	SSE	SSE 35	12.9					
24	36.3	19.3	27.8	0.0	22.8	81	28					23.9	S	S 35	12.8					
25	27.2	14.7	21.0	0.0	16.0	96	54		Tr.		Tr.	9.3	N, NNE, WNW	ENE 22	5.8					
26	28.2	15.1	21.7	0.0	16.7	96	49	1	24.9		24.9	9.2	ENE, SSE, NNW	NNW 15*	7.5					
27	18.6	10.4	14.5	3.5	9.5	96	46		10.2		10.2	27.9	W	W 43*	4.8					
28	13.7	4.8	9.3	8.7	4.3	89	55					17.5	NNW	NNW 37*	6.6					
29	23.3	3.8	13.6	4.4	8.6	94	32					14.1	S	S 22	13.1					
30	26.7	8.4	17.6	0.4	12.6	86	37					12.1	NE, SSW	NE 31*	9.8					
31	18.4	9.1	13.8	4.2	8.8	93	43					19.5	NNE	NNE 31	9.2					
MEAN MOYENNE	26.3	12.2	19.3	TOTAL 30.7	TOTAL 442.6	87	42	TOTAL 6	TOTAL 59.0	TOTAL	TOTAL 59.0		15.5	PREVAILING DIRECTION DOMINANTE SSE	MAXIMUM W WNW 43	TOTAL 307.9				
NORMAL NORMALE	25.0	12.2	18.7	36.7	421.9			6.0	73.7		73.7		17.1	S		276.2				
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	30.7	66.2	36.7	TOTAL FOR MONTH TOTAL DU MOIS	442.6	362.6	421.9	8	5	4	3	0								
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> JUILLET	46.4	78.2	57.3	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> AVRIL	1575.2	1488.9	1464.6													

UDC 551.506.1 (712.74)  
 Hail / Grêle unofficial August 11th

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

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		AUGUST / AOUT		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 — 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		36.3	24	30.4	23	33.3	40.6	7	1949	27.2	20	1885	105
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		3.8	29	3.3	18	4.4	7.8	12	1961	-1.1	31	1888	105
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		19.3		16.7		18.7	21.6		1961	15.2	27	1891	105
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		59.0		132.8		73.7	180.6		1876	3.3		1915	105
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE				Nil									105
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		59.0		132.8		73.7	180.6		1876	3.3		1915	105
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		8		18		10	18		1975	1	1	1915	93
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		24.9	26	48.5	7,8		84.6	16	1884				105
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE													105
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		24.9	26	48.5	7,8		84.6	16	1884				105
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		3.3	26	9.4	7		10.7	11	1962				19
10 MINUTES		4.3	11	14.7	7		16.5	15	1972				19
15 MINUTES		5.8	20	18.0	7		20.3	15	1972				19
30 MINUTES		7.4	26	23.1	7		35.8	15	1972				19
60 MINUTES		11.2	26	23.6	7		35.8	15, 11	1972				19
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		33.0	26-27	48.5	7-8		84.6	16	1884				105
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		15.5		15.6		17.1	22.0		1964	12.6		1972	56
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		W 43	27	64	8	51	N 77	30	1944				38
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		WSW70	27	106	8	85	NW122	18	1973				33
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		307.9		254.3		276.2	350.8		1967	160.5		1912	77
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.6		98.5		98.5	98.9		1957	98.1		1969	38
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.8	29	99.7	5	99.7	100.4	30	1967				38
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.2	27	96.1	25	97.1				96.1	25	1975	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 DEGREE-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE		
1967	34.4	2.8	17.5	57.2		57.2	17.2	S,N 42	350.8	62.8	392.2		
1968	27.8	2.2	15.5	143.0		143.0	18.7	N 48	225.4	87.2	328.9		
1969	36.7	6.7	20.9	57.2		57.2	18.0	W 60	304.4	9.4	496.1		
1970	35.6	3.9	18.9	74.9		74.9	16.3	S 48	343.9	37.8	433.9		
1971	33.9	3.3	18.8	17.0		17.0	15.1	SW 43	314.2	32.2	430.6		
1972	36.1	3.3	18.5	103.1		103.1	12.6	WNW 39	284.5	51.1	422.2		
1973	32.8	5.0	19.9	65.5		65.5	13.5	NNW 72	303.7	11.1	465.6		
1974	31.7	3.3	16.7	109.7		109.7	17.5	NNW 51	269.7	67.2	365.6		
1975	30.4	3.3	16.7	132.8		132.8	15.6	NW 64	254.3	66.2	362.6		
1976	36.3	3.8	19.3	59.0		59.0	15.5	W WNW 43	307.9	30.7	442.6		

August was the sixth consecutive month with above normal sunshine. Only one day during the month was completely overcast and sun time totalled 308 hours compared to normal August sunshine of 276 hours.

Less than usual wind and rain dampened Winnipeg during August. The wind averaged 15.5 Km/h compared to a normal speed of 17.1 Km/h and rainfall amounted to only 59.0 mm compared to usual August rainfall of 73.7 mm.

Temperatures averaged near normal at 19.3C, but there were a few sudden changes from hot to cold. Warmest day was August 24 with a humid maximum of 36.3C, but the month ended with a cool wave. It was the coolest August 28 afternoon on record, when the maximum temperature failed to rise above 13.7C. The minimum for the month was registered the next morning August 29th at 3.8C.

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DAILY WEATHER SUMMARY FOR AUGUST 1976

1. Below normal temperature. Mostly sunny. Mostly light winds.
2. Near normal temperatures. Mostly sunny. Light winds.
3. Above normal temperatures. Sunny. Mostly light winds.
4. Near normal temperatures. Mostly cloudy. Showers 11:25 a.m. to 12:40 p.m. Moderate NNE winds in afternoon.
5. Below normal temperatures. Sunny. Mostly light winds.
6. Below normal temperatures. Sunny. Light winds.
7. Near normal temperatures. Mostly sunny. Mostly light winds.
8. Above normal temperatures. Partly cloudy. Showers 6:07 a.m. to 6:52 a.m. Lightning in the morning. Gusty ESE winds.
9. Below normal temperatures. Mostly cloudy. Thunder 12:48 p.m. to 12:50 p.m., 1:57 p.m. to 2:15 p.m., 4:00 p.m. to 4:45 p.m. Showers 12:27 p.m. to 5:26 p.m. Mostly light winds. Lightning in late evening.
10. Above normal temperatures. Partly cloudy. Showers 10:15 p.m. to 10:23 p.m. Mostly light winds. Lightning in early morning.
11. Normal temperatures. Mostly cloudy. Thunder 10:06 a.m. to 1:10 p.m. Showers 10:40 a.m. to 2:10 p.m. Some hail reported unofficially in the city. Heavy deluge in some parts of the city. Some lightning caused fires. Some traffic accidents attributed to heavy precipitation.
12. Below normal temperatures. Cloudy. Drizzle 6:50 a.m. to 11:48 a.m. Light winds.
13. Normal temperatures. Partly cloudy. Showers 2:40 a.m. to 3:15 a.m. Light winds.
14. Near normal temperatures. Mostly sunny. Light winds.
15. Below normal temperatures. Sunny. Mostly light winds.
16. Above normal temperatures. Mostly sunny. Gusty south winds mid-day.
17. Warm. Sunny. Gusty south winds mid-day.
18. Warm. Partly cloudy. Thunder 10:25 p.m. continued. Showers 2:27 p.m. to 5:40 p.m. 11:45 p.m. continued. Mostly light winds.
19. Warm. Partly cloudy. Thunder 0:47 a.m. Showers to 0:32 a.m., 12:06 p.m. to 5:08 p.m. Mostly light winds.
20. Warm. Partly cloudy. Thunder 1:20 a.m. to 5:17 a.m., 6:01 to 6:27 a.m. Showers 1:45 a.m. to 7:50 a.m. Mostly light winds. A heavy hail storm occurred at West Hawk Lake east of Winnipeg.
21. Above normal temperatures. Mostly sunny. Mostly light winds.
22. Near normal temperatures. Sunny with light winds.
23. Warm. Sunny. Gusty SSE winds in the afternoon.
24. Very warm. Sunny. Moderate winds in morning.
25. Above normal temperatures. Mostly cloudy. Heavy fog 7:04 to 7:47 a.m. Showers 6:09 p.m. to 6:24 p.m. Light winds.
26. Above normal temperatures. Partly cloudy. Thunder 5:38 p.m. to 11:24 p.m. Showers 6:03 p.m. continued. Strong N wind in thunderstorm. Severe lightning, hail west of Winnipeg; twister near Macdonald caused considerable damage.
27. Below normal temperatures. Mostly cloudy. Showers or rain to 5:11 a.m. 9:46 p.m. to 11:49 p.m. Strong gusty westerly winds.
28. Cool. Mostly cloudy. Gusty NNW winds in morning.
29. Below normal temperatures. Mostly sunny. Light winds.
30. Near normal temperatures. Partly cloudy. Mostly light winds.
31. Below normal temperatures. Mostly cloudy. Gusty NE wind in afternoon.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST  
 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.	12.3	11.8	11.0	10.1	9.4	8.4	10.2	13.6	17.8	20.6	22.4	23.8	24.4	24.8	24.9	25.1	25.0	24.5	24.1	22.0	19.6	15.9	14.4	11.8
2.	13.3	12.2	11.0	9.9	9.8	10.1	11.0	13.8	17.8	20.6	22.7	23.3	23.9	25.5	25.9	26.1	26.1	25.9	26.6	24.2	21.1	17.3	16.4	16.6
3.	16.2	15.6	14.9	13.9	12.3	12.1	12.2	14.4	18.5	22.1	24.1	26.6	27.8	29.4	30.5	31.0	29.4	29.1	28.3	27.3	25.0	24.1	23.5	21.7
4.	20.4	19.6	19.3	19.1	18.6	18.4	17.9	18.2	19.6	21.8	23.3	22.4	21.0	19.9	21.3	23.3	23.8	22.7	21.6	21.0	18.3	16.0	14.3	13.3
5.	12.4	10.6	9.2	8.6	8.3	7.1	7.3	11.1	15.2	18.2	16.7	22.4	18.2	18.9	19.8	20.6	21.1	21.3	21.2	19.6	16.8	13.7	13.0	11.7
6.	11.1	11.0	9.3	8.9	8.2	8.0	8.2	12.8	16.4	19.6	21.3	22.4	22.9	24.5	24.8	25.8	25.7	25.9	25.6	24.2	21.9	19.4	17.7	17.8
7.	17.1	15.7	14.0	12.2	11.7	11.1	11.0	13.5	17.1	20.3	23.3	26.7	28.4	29.1	30.0	30.4	30.3	30.3	29.3	27.6	24.2	23.1	22.4	21.4
8.	21.7	21.4	20.3	19.6	18.9	18.2	17.9	18.1	19.4	20.6	20.8	22.2	23.8	25.4	24.5	24.4	24.4	25.1	25.1	23.8	23.3	22.4	20.6	19.9
9.	18.7	17.6	17.2	16.2	14.1	12.1	12.6	17.0	19.5	22.9	22.2	19.4	21.1	21.2	20.6	20.0	20.7	19.9	18.3	17.8	16.6	16.7	16.9	19.7
10	15.3	15.6	16.1	15.9	15.7	15.8	15.5	17.3	18.8	20.7	22.7	24.6	25.6	27.3	28.4	28.8	27.3	28.4	27.8	26.1	23.2	21.7	21.7	19.7
11	18.4	17.3	16.1	15.6	14.5	14.3	14.0	17.1	19.6	22.2	22.6	16.9	17.1	18.2	20.2	22.5	23.5	20.9	20.7	20.2	18.3	17.8	17.7	18.2
12	17.6	17.1	16.9	15.5	14.6	16.1	16.1	16.0	16.1	15.9	16.5	16.8	17.3	16.9	17.1	17.4	17.7	17.7	17.6	17.4	17.2	16.9	16.6	16.4
13	16.4	16.2	16.0	15.7	15.0	15.1	14.9	15.4	16.7	17.9	18.3	19.8	20.7	21.1	21.7	21.7	22.7	22.7	21.9	20.0	18.3	17.2	17.2	15.6
14	15.6	14.8	14.8	14.6	14.1	13.1	13.3	14.6	15.7	17.3	19.0	21.1	22.2	23.1	23.2	23.8	24.1	23.1	22.9	21.8	18.9	17.1	17.4	15.9
15	15.6	14.3	13.9	13.0	11.2	10.9	10.8	13.8	15.4	17.6	20.4	21.7	22.5	23.4	23.9	24.0	24.3	24.2	23.4	21.2	18.9	17.8	17.8	16.8
16	15.7	14.5	13.7	13.3	12.7	12.6	12.8	14.3	17.8	19.6	21.0	23.1	24.4	25.8	23.1	25.2	26.3	25.1	26.1	25.0	23.1	22.3	21.5	21.2
17	20.8	20.4	20.0	19.9	19.2	18.7	17.9	18.4	19.6	21.6	22.9	24.7	26.7	27.2	28.1	27.9	28.4	28.4	28.2	26.6	24.4	23.8	21.4	20.7
18	20.1	19.5	18.7	18.1	18.5	17.9	17.4	19.5	21.1	23.3	25.8	27.4	29.2	29.8	29.1	30.1	27.7	26.3	25.7	25.3	23.9	23.9	24.4	21.1
19	21.5	21.2	20.6	19.3	19.9	18.9	19.1	21.1	23.1	25.4	27.0	29.1	28.8	27.6	30.4	31.1	29.0	29.3	29.7	28.2	26.2	25.6	23.3	22.6
20	21.1	20.8	20.6	19.6	18.4	18.9	18.0	18.8	19.1	19.8	22.8	25.1	27.4	29.1	29.7	31.1	31.6	31.9	31.9	30.2	29.1	27.4	24.0	22.4
21	22.2	20.8	18.8	18.9	17.2	15.6	15.6	15.0	18.7	21.9	23.3	24.7	25.4	26.2	27.1	27.4	27.3	27.0	26.1	22.8	20.1	19.9	14.7	13.9
22	13.1	13.8	12.2	11.7	10.9	10.3	9.2	13.3	18.8	22.2	24.1	25.5	26.1	27.1	27.5	27.8	27.9	28.0	27.0	24.4	22.7	21.7	19.9	20.0
23	18.6	17.3	17.0	17.1	14.4	14.6	13.8	16.2	19.7	23.3	25.5	27.4	28.9	29.9	30.4	31.1	31.0	30.7	29.9	28.3	26.7	25.0	24.4	23.9
24	24.6	23.6	23.4	22.9	22.2	21.5	21.2	22.2	24.4	27.2	29.7	31.6	33.0	34.2	34.8	35.8	35.5	34.9	32.3	28.1	25.0	23.9	21.6	20.5
25	20.0	19.0	17.3	16.6	16.7	15.6	14.9	16.7	17.0	17.8	19.1	21.1	23.9	23.3	24.6	26.4	26.1	26.6	25.4	22.8	20.8	19.8	19.2	18.4
26	17.9	16.7	15.6	15.5	16.9	17.1	17.3	17.9	18.5	20.6	21.5	23.3	24.5	24.9	25.6	26.6	27.5	26.6	26.1	20.0	20.4	20.3	19.5	17.6
27	16.9	16.2	16.2	17.2	15.6	14.5	14.4	14.9	14.1	16.2	16.9	18.1	16.3	16.4	16.0	18.2	16.9	17.8	17.1	15.9	14.2	14.4	13.8	11.9
28	10.4	10.0	8.8	7.9	6.7	5.5	5.3	6.6	8.1	8.9	9.5	10.5	11.8	12.4	12.7	12.9	12.9	13.1	12.6	12.1	8.5	7.1	6.6	5.7
29	6.7	6.6	5.1	6.2	5.6	4.5	4.0	6.6	9.3	12.8	15.6	17.6	18.7	20.2	21.2	22.0	22.9	22.8	22.2	19.9	16.7	15.1	15.0	14.9
30	14.0	13.3	12.3	11.7	11.3	10.2	9.4	11.6	14.2	16.7	19.6	20.6	21.7	24.4	25.4	26.2	26.1	22.7	21.2	18.8	18.2	17.2	15.6	14.9
31	14.4	13.6	12.2	9.9	9.9	10.6	10.0	11.6	13.3	12.8	16.2	16.3	16.5	18.3	16.5	16.7	17.2	15.6	15.0	13.8	12.6	11.8	10.6	9.9
MEAN	16.8	16.1	15.2	14.7	13.9	13.5	13.3	15.2	17.4	19.6	21.2	22.3	23.2	24.1	24.5	25.2	25.2	24.8	24.2	22.5	20.5	19.1	18.2	17.2

HOURLY WEIBUL'S TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST 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.	11.1	10.7	9.9	9.3	8.8	7.9	9.4	12.2	14.0	15.6	15.8	15.8	14.4	14.4	14.2	14.6	14.4	14.7	14.2	14.9	14.3	12.8	11.9	10.9
2.	12.2	11.4	10.4	9.1	8.9	9.5	10.4	12.8	16.0	15.8	16.4	16.0	15.1	15.7	16.2	16.1	16.2	16.5	16.9	15.9	15.5	13.7	13.2	12.7
3.	12.1	11.7	11.3	10.7	9.9	9.8	9.9	11.4	13.8	15.4	16.2	17.8	18.0	17.8	18.4	18.1	18.4	18.3	18.9	20.1	19.7	18.0	17.5	16.8
4.	16.3	16.2	16.0	15.8	15.6	15.7	15.8	15.7	16.4	16.8	18.9	18.0	16.7	16.3	17.8	16.7	15.6	14.4	14.5	13.4	12.6	11.5	10.4	9.9
5.	9.5	8.6	7.8	7.2	6.7	6.0	6.2	8.6	9.9	10.1	10.2	11.6	11.3	11.6	12.2	11.7	12.1	12.8	13.2	13.3	12.3	11.1	10.7	9.7
6.	9.6	9.1	8.3	8.0	7.6	7.2	7.2	10.4	11.9	13.4	13.8	13.6	13.7	15.0	14.8	15.6	15.0	15.1	14.5	14.7	14.4	13.3	12.2	11.7
7.	11.4	11.1	10.3	9.4	9.1	8.9	8.9	10.4	12.1	13.5	14.8	16.1	16.1	16.2	17.2	16.6	16.7	16.8	16.8	20.6	15.6	14.9	14.7	14.5
8.	14.7	14.4	14.1	13.9	14.0	13.8	13.8	14.3	15.8	16.1	15.7	16.7	17.8	18.4	17.8	18.1	18.4	18.3	17.9	16.9	16.7	15.7	15.2	15.2
9.	15.0	14.8	14.7	14.3	12.7	11.1	11.6	15.2	16.6	16.4	18.4	17.1	17.7	18.3	18.3	18.1	17.7	16.7	16.9	16.8	16.4	15.6	15.8	16.0
10	14.7	14.7	15.1	15.1	14.8	14.8	14.4	15.8	16.5	17.7	18.6	18.7	18.7	18.9	18.3	18.8	18.3	18.1	17.7	17.2	16.7	16.7	16.9	17.1
11	16.3	15.9	14.9	14.7	13.7	13.6	13.4	15.9	16.2	19.3	19.3	15.5	15.7	16.2	17.7	19.2	18.6	17.2	17.8	18.1	17.6	17.1	17.2	17.2
12	16.8	16.3	16.2	15.0	14.3	15.5	15.5	15.4	15.1	15.2	15.4	15.6	15.7	15.4	15.1	15.2	15.5	15.1	15.0	15.0	15.0	15.2	15.2	15.4
13	15.2	14.9	14.9	14.9	14.2	13.8	14.3	14.9	14.7	14.8	15.0	15.4	15.4	15.7	16.1	16.2	16.2	16.2	15.9	15.6	15.0	14.7	14.4	13.9
14	13.8	13.2	13.2	12.8	12.4	11.8	12.1	12.7	13.2	14.2	14.8	15.6	15.2	14.9	15.3	15.2	15.3	15.2	14.9	14.6	14.1	13.4	13.3	12.3
15	12.0	11.3	10.9	9.7	8.9	8.6	8.7	10.6	12.1	12.7	13.8	14.2	13.9	14.7	14.3	14.0	14.0	14.3	13.4	12.8	12.1	11.8	11.9	11.5
16	11.1	10.6	10.1	9.7	9.4	9.4	9.6	10.6	13.2	14.7	15.0	15.8	16.2	16.5	14.9	16.6	18.2	17.7	18.3	17.8	17.0	16.5	15.9	15.7
17	15.9	16.2	16.5	16.6	16.3	16.0	15.7	15.9	16.7	18.0	18.8	19.8	20.7	21.3	21.8	21.8	22.2	22.3	22.2	21.2	20.5	19.4	18.9	18.5
18	18.3	18.1	17.6	17.1	17.6	17.2	16.9	18.4	19.3	20.4	21.5	22.1	22.6	22.6	22.9	22.4	22.2	20.7	21.7	22.0	21.7	19.0	18.7	17.7
19	18.7	19.7	19.6	18.8	18.9	18.2	18.4	19.8	20.8	21.8	21.6	22.6	22.9	23.2	23.9	24.3	23.8	23.3	23.8	23.8	22.9	22.1	20.3	19.9
20	18.4	19.3	19.4	17.8	17.2	17.2	17.4	17.5	17.7	18.3	19.4	20.0	21.7	20.6	20.8	20.9	21.8	22.0	21.4	20.6	20.1	19.3	18.3	17.5
21	16.5	15.4	14.2	13.9	13.3	12.7	12.2	12.3	13.9	15.6	15.0	15.3	15.3	15.6	15.8	16.1	15.7	15.5	15.3	15.1	13.9	12.8	11.7	11.4
22	10.9	11.0	10.2	9.9	9.6	9.0	8.4	11.8	14.5	15.4	16.1	15.6	15.6	15.7	15.7	15.8	15.9	16.0	16.2	15.5	14.7	14.2	13.3	13.4
23	12.9	12.6	12.3	12.7	11.4	11.6	10.9	12.2	14.3	15.6	16.5	16.9	17.6	17.8	17.6	18.2	18.4	17.9	17.8	17.8	18.3	17.6	17.2	16.6
24	16.3	15.8	15.7	15.9	16.1	16.2	16.7	17.7	18.7	19.7	20.0	20.4	21.1	21.1	20.9	21.7	21.7	21.9	21.8	20.8	20.0	19.1	18.3	
25	17.8	17.5	16.2	15.8	16.2	15.2	14.6	16.3	16.7	17.3	17.9	18.8	19.8	19.2	19.9	20.2	20.0	19.8	19.6	18.5	18.7	16.2	16.1	17.6
26	17.2	16.2	15.3	15.0	14.3	16.4	16.7	16.9	17.2	18.2	18.3	19.3	19.3	19.7	20.1	20.0	20.0	19.0	19.5	18.9	19.3	18.7	18.5	16.8
27	16.6	15.9	15.9	16.2	13.8	13.3	13.7	12.8	11.6	12.4	11.9	12.2	11.3	11.1	10.6	11.8	11.4	11.7	11.4	11.1	10.1	10.4	10.5	10.9
28	9.8	8.7	7.2	6.7	5.6	4.5	4.4	5.0	6.1	6.2	6.6	7.1	8.3	8.1	8.3	8.7	8.5	8.8	8.5	8.7	6.9	6.4	5.9	5.0
29	5.6	5.4	4.3	5.1	4.8	3.9	3.6	5.6	7.2	9.5	11.0	11.7	12.1	12.4	12.4	12.7	13.8	13.7	13.6	13.7	12.1	11.7	11.2	11.2
30	10.9	10.6	10.2	9.9	9.4	8.8	8.2	9.7	11.1	12.9	14.6	14.8	14.8	15.9	16.2	20.5	16.6	14.7	15.0	14.2	12.9	12.8	12.9	12.3
31	12.3	12.3	11.1	9.1	9.3	9.9	9.3	10.7	12.2	11.8	12.6	11.6	11.8	12.8	11.3	10.3	10.7	9.9	9.1	9.4	8.8	7.5	7.2	6.7
MEAN	13.9	13.5	13.0	12.6	12.2	11.9	11.9	13.2	14.4	15.4	15.9	16.2	16.3	16.6	16.7	17.0	16.9	16.6	16.6	16.4	15.7	14.8	14.5	14.0

ALL TIMES ARE C.S.T. ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST 1976

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 GUST	HOUR
1	NW 11	NW 13	NW 7	NW 4	NW 6	NW 9	NW 9	NW 7	N 9	N 15	N 11	NE 22	NE 11	NE 19	NE 20	NNE 22	NNW 13	NNE 24	ENE 15	ENE 9	NNW 11	C 0	C 0	9	NNE 41	14 C.S.T.
2	C 0	W 9	C 0	W 9	W 11	C 0	C 0	C 0	W 9	WNW 11	W 15	W 13	WNW 11	WSW 15	W 11	NNW 17	NNW 7	W 9	W 11	W 7	WSW 4	C 0	SSW 6	S 13	S 32	15 C.S.T.
3	S 15	S 15	S 15	S 9	S 11	SSE 9	SSE 7	SSE 7	S 11	SSE 13	SSE 11	SSE 15	SSE 13	SSW 11	SSW 17	SSW 19	WSW 17	SW 15	SW 9	C 0	C 0	SSE 7	SSE 11	7	S 32	15 C.S.T.
4	S 11	SSW 7	S 13	S 13	S 13	SSE 4	SSE 0	SSE 0	NE 9	NE 19	NE 24	NE 26	NE 24	NE 22	NE 31	NE 33	NE 37	NE 35	NE 33	NE 30	NE 22	NE 22	NE 20	17	NNE 48	18 C.S.T.
5	N 19	N 19	NNE 15	NNE 19	NNE 13	NNE 11	NNE 13	NNE 17	NE 22	NE 22	NE 22	NE 24	NE 19	NE 22	NE 13	NE 20	NE 4	NE 7	NE 13	NE 19	NE 15	W 7	W 7	7	NE 39	13 C.S.T.
6	W 7	W 6	W 0	W 6	W 4	W 4	W 4	W 11	W 11	WSW 13	WSW 17	WSW 15	WSW 13	WSW 15	WSW 19	WSW 19	WSW 19	WSW 17	SSW 11	SSW 7	SSW 6	SSW 13	SSW 17	19	S 33	16 C.S.T.
7	SSW 19	SSW 15	SSW 13	SSW 15	SSW 19	S 13	S 13	S 13	S 15	S 17	S 17	SSE 17	SSE 17	SSE 19	SSW 13	SSW 20	SSW 26	SSW 24	SSE 17	SSE 17	SSE 15	SSE 15	SSE 15	19	S 63	07 C.S.T.
8	S 22	S 15	SE 17	S 22	SSE 22	SSE 26	SSE 28	SSE 15	W 7	W 4	W 9	W 15	W 19	W 13	SSW 19	SSW 13	SSW 20	SSW 17	SE 19	SE 9	SE 13	SE 22	SE 20	15	ESE 50	17 C.S.T.
9	SE 13	SE 11	C 0	ESE 6	ESE 9	C 0	SSE 6	SSE 0	NNW 13	NNW 15	NNW 22	ESE 26	ESE 13	ESE 13	ESE 13	SSW 20	SSW 33	SSW 11	C 0	C 0	C 0	C 0	C 0	9	SE 50	17 C.S.T.
10	NW 15	NW 7	SSW 9	SSW 7	SSW 6	SSW 9	SSW 6	SSW 9	SSW 17	SSW 19	SSW 19	SSW 20	SSW 19	SSW 17	SSW 19	SSW 19	SSW 11	SSW 24	SSW 20	SSW 20	SSW 9	SSW 9	SSW 11	11	WSW 37	13 C.S.T.
11	SW 9	SW 11	SW 6	SW 11	SW 9	SW 4	SW 11	SW 11	N 4	N 9	N 17	W 7	W 0	W 4	W 15	W 20	W 17	W 15	W 7	W 9	W 11	W 13	W 13	13	WNW 57	12 C.S.T.
12	N 15	N 17	N 13	N 13	N 17	N 17	N 19	N 19	N 20	N 17	N 19	N 13	N 11	N 13	N 11	N 13	N 15	N 19	ENE 15	ENE 7	ENE 7	C 0	NNE 7	6	S 37	13 C.S.T.
13	NNE 6	NNE 7	NNE 9	NNE 7	NNE 11	NNE 15	NNE 9	NNE 9	ENE 17	ENE 11	ENE 9	ENE 4	ENE 4	ENE 13	ENE 17	ENE 11	ENE 4	ENE 15	ENE 19	ENE 22	ENE 19	ENE 13	ENE 24	22	S 37	13 C.S.T.
14	ESE 26	ESE 20	ESE 17	ESE 15	ESE 13	ESE 15	ESE 19	ESE 17	SE 17	SE 13	SE 15	SE 13	SE 15	E 13	E 15	E 6	E 17	E 11	E 13	E 17	E 15	E 13	E 15	17	S 37	13 C.S.T.
15	SSE 20	SSE 15	SSE 19	S 13	S 15	S 15	S 22	S 19	S 19	S 20	S 26	SSE 24	SSE 28	SSE 24	SSE 28	S 24	SSE 24	SSE 24	SSE 20	SSE 19	SSE 15	SSE 20	SSE 24	24	S 37	13 C.S.T.

Table with columns for station numbers (16-31), directions (SSE, SSE, etc.), and values (e.g., 20, 19, 20, 22, 22, 26, 24, 28, 30, 33, 39, 31, 31, 41, 28, 35, 22, 26, 31, 28, 20). Includes a 'SUM' row and a 'MEAN' calculation at the bottom.

MEAN 14.314.913.113.412.812.612.513.414.915.716.516.917.817.917.719.117.919.517.914.514.115.114.5

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