



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS NOVEMBER NOVEMBRE

19 75

AT/A WINNIPEG INTERNATIONAL AIRPORT

LAT: 49 ° 54 'N		LONG: 97 ° 15 'W		ELEVATION: 775 FEET (ASL) PIEDS (MER)		STANDARD TIME USED: C. S. T.														
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				
	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		M.P.H. M/H		HOURS HEURES					
1	13.8	-0.7	6.6	11.4	1.6	90	43					13.6	S	S	20	4.0				
2	10.4	2.4	6.4	11.6	1.4	83	52					11.7	WNW	S	22	6.4				
3	12.6	3.3	8.0	10.0	3.0	73	30					14.1	S	S	23	7.7				
4	19.8	5.3	12.6	5.4	7.6	77	40					8.9	WSW	W	16	9.1				
5	23.9	3.2	13.6	4.4	8.6	82	24					11.2	S	S	17	8.7				
6	16.6	5.2	10.9	7.1	5.9	84	52					13.5	S	S	23	7.8				
7	7.2	-0.5	3.4	14.6	0.0	91	57	1	2.3	2.3		7.2	NNW	N	12	2.6				
8	4.4	-1.6	1.4	16.6	0.0	93	77					7.4	W	WNW	14	0.0				
9	6.8	-6.7	0.1	17.9	0.0	98	61					5.2	E	E	14	5.8				
10	4.2	-3.4	0.4	17.6	0.0	97	67					5.1	NNE	E	8	3.6				
11	0.9	-3.0	-1.1	19.1	0.0	88	70					15.4	NNE	NNE	25	0.0				
12	1.2	-8.7	-3.8	21.8	0.0	89	58					13.0	NNW	N	24	3.3				
13	-0.1	-10.6	-5.4	23.4	0.0	91	64					15.7	S	S	25	5.6				
14	7.1	-5.6	0.8	17.2	0.0	88	49					14.3	S	S	21	8.3				
15	11.7	-4.0	3.9	14.1	0.0	94	46					8.5	S,W	S	17	8.5				
16	11.0	0.6	5.8	12.2	0.8	77	37		TR	TR		9.4	WSW	S	14	0.0				
17	6.2	-3.0	1.6	16.4	0.0	78	48					5.0	W	W	12	0.7				
18	5.6	-2.6	1.5	16.5	0.0	88	57			.3	TR	9.6	NNE	NNE	16	0.0				
19	1.0	-3.0	-1.0	19.0	0.0	98	87			1.0	TR	16.0	NNE	N	22	0.0				
20	-1.4	-9.7	-5.6	23.6	0.0	94	75					10.7	N	NNE	18	3.8				
21	-1.7	-11.3	-6.5	24.5	0.0	94	78					8.5	W	NW	13	4.7				
22	-7.1	-13.0	-10.1	28.1	0.0	93	70			TR	TR	8.2	NNW	NNW	15	6.0				
23	-9.3	-17.3	-13.3	31.3	0.0	85	55					8.2	NW	NW	14	6.1				
24	-9.6	-19.9	-14.8	32.8	0.0	93	70			TR	TR	4.2	ENE,*	WNW	7	5.5				
25	-9.0	-20.7	-14.9	32.9	0.0	89	62			TR	TR	5.5	S	SSE	10	6.5				
26	-7.3	-17.7	-12.5	30.5	0.0	89	65			TR	TR	11.8	SSE	S	17	6.0				
27	-5.8	-13.9	-9.9	27.9	0.0	82	71			TR	TR	9.2	SSE	SSE	12	0.0				
28	-4.6	-8.9	-6.8	24.8	0.0	92	84			4.3	TR	8.3	SE,*	S	12	0.0				
29	-5.5	-15.4	-10.5	28.5	0.0	94	79		TR	9.9	7.4	12.9	NW	NW	21	0.4				
30	-12.9	-25.4	-19.2	37.2	0.0	93	77			TR	TR	12.9	NW	NW	23	1.8				
31																				
MEAN MOYENNE	3.0	-6.9	-2.0	598.4	28.9	89	60	1	2.3	15.5	13.0		10.2	S DOMINANTE	S, NNE 25	122.9				
NORMAL NORMALE	-0.5	-8.4	-4.4	670.0	1.7			0.0	7.1	21.3	27.2		12.6	S		81.2				
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	598.4	635.6	670.0	TOTAL FOR MONTH TOTAL DU MOIS	28.9	2.2	1.7	4	3	3	0	0	4	3	2	0	0			
ACCUMULATED SINCE JULY, ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	1235.7	1318.3	1254.5	ACCUMULATED SINCE APRIL 1, ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1794.0	1642.8	1756.7													

UDC 561.506.1 (712.74)

HAIL / GRÊLE NOVEMBER 7th 1975.

* OTHER WIND DIRECTION. 24, NOVEMBER NW,WNW
 28, NOVEMBER SSE

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		NOVEMBER NOVEMBRE		19 75						
TEMPERATURE/TEMPÉRATURE °C PRECIPITATION/PRÉCIPITATION mm RAIN/PLUIE mm SNOW/NEIGE cm	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	23.9	5	11.7	7	10.6	23.9	5	1975	2.2	5	1972	104
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	-25.4	30	-18.3	30	-21.7	-7.8	12	1899	-36.7	28	1875	104
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	- 2.0		- 3.3		- 4.4	1.3		1923	-13.9		1896	104
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	2.3		0.8		7.1	62.2		1918	NIL	(SEVERAL)		104
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	15.5		10.4		21.3	80.3		1955	TR.		1928	104
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	13.0		5.6		27.2	90.2		1955	1.5		1901& 1939	104
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MEASURABLE	4		5		10	20		1955	1		1901	92
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	2.3	7	.8	19		44.5	17	1918				104
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	9.9	29	2.0	1,2		31.0	10	1919				104
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	7.4	29	2.0	19		44.5	17	1918				104
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:												
5 MINUTES	1.0	7						1.3	14	1971		7
10 MINUTES	1.3	7						1.8	14	1971		7
15 MINUTES	1.5	7						2.0	14	1971		7
30 MINUTES	2.3	7						2.8	14	1971		7
60 MINUTES	2.3	7						3.8	14	1971		7
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	2.3	7	.8	19		44.5	17	1918				104
MEAN WIND SPEED (m.p.h.) VITESSE MOYENNE DU VENT (m/h)	10.2		11.5		12.6	15.8		1953	8.5		1972	55
MAXIMUM SPEED (1 min.) (m.p.h.) VITESSE MAXIMALE (1 min.) (m/h)	NNE 25 11 S 25 13		NW 28 14		36	NW 50 11& 5 1952		1940				37
MAXIMUM GUST SPEED (m.p.h.) POINTE DU VENT MAXIMALE (m/h)	S 41 13		NW 40 14		50	NNW 77 21		1960				30
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	122.9		87.8		81.2	132.4		1946	25.1		1944	76
MEAN STATION PRESSURE (mb) PRESSION MOYENNE À LA STATION (mb)	986.7		986.5		986.3	991.9		1943	982.0		1949	37
GREATEST STATION PRESSURE (m.b.) PRESSION MAXIMALE À LA STATION (mb)	1008.0	24	1008.3	29	1005.2	1015.1	24	1939				37
LEAST STATION PRESSURE (mb.) PRESSION MINIMALE À LA STATION (mb)	968.9	29	971.4	22	963.3				945.6	20	1962	37
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES												
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 MOYENNE DES VENTS	MAXIMUM WINDSPEED MAXIMALE DES VENTS	HOURS SUNSHINE HEURES INSOLATION	HEATING DEGREE-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE	
1966	2.8	-26.7	-9.8	4.6	23.6	26.2	12.6	S 31	94.7	830.6		
1967	9.4	-21.7	-3.6	3.0	13.0	14.7	13.0	SE 35	80.4	645.0	.6	
1968	9.4	-18.3	-2.4	TR.	5.3	3.8	12.1	S 30	73.5	608.3		
1969	14.4	-18.9	-3.3	.3	11.7	9.4	11.5	NW 32	87.9	633.9	5.0	
1970	11.7	-23.3	-4.7	14.2	16.8	26.7	10.9	S 35	70.3	678.3		
1971	4.4	-23.9	-5.6	5.3	18.8	22.4	10.2	S 30	74.3	704.4		
1972	2.2	-21.7	-6.7	1.0	17.0	10.4	8.5	NNW 26	51.6	737.2		
1973	3.3	-21.7	-7.5	6.9	37.1	40.1	10.3	W26, S26	77.6	760.6		
1974	11.7	-18.3	-3.3	.8	10.4	5.6	11.5	NW 28	87.8	635.6	2.2	
1975	23.9	-25.4	-2.0	2.3	15.5	13.0	10.2	S* 25	122.9	598.4	28.9	

* OTHER WIND DIRECTION NNE 25

November 1975 was warmer and sunnier than usual in Winnipeg. Temperatures averaged minus 2.0 degrees celsius compared to normal of minus 4.4C. The month began with a warm spell that sent the maximum temperature to a record breaking 23.9C on November 5. That was the highest November temperature ever registered in 104 years of records.

This was the third sunniest November of this century. Sunshine totalled 122.9 hours, and only November 1939 and November 1946 were sunnier with 130 and 132 hours.

This November was drier than usual. Rainfall measured 2.3 mm compared to November normal of 7.1 mm and snowfall amounted to 15.5 cm compared to a normal amount of 21.3 cm.

A thunderstorm with a spatter of hail hit Winnipeg on November 7. Thunder rarely occurs in November. The last official report of November thunder occurred in 1918 and hail has never occurred until this year.

Red River froze November 27 and the Assiniboine November 29, this year.

DAILY WEATHER SUMMARY FOR NOVEMBER 1975AT WINNIPEG, MANITOBA

1. Above normal temperature. Partly cloudy. Light winds.
2. Above normal temperature. Mostly sunny. Light winds.
3. Mild. Mostly sunny. Light winds.
4. Record breaking high temperatures. Sunny. Light winds.
5. Another record breaking high temperature. Sunny. Light winds.
6. Still another record breaking high temperature. Mostly sunny with mostly light winds.
7. Above normal temperature. Mostly cloudy. Most unusual thunder 8:25 p.m. to 8:43 p.m. Hail 8:32 p.m. to 8:35 p.m. Showers 8:35 p.m. to 9:30 p.m. Mostly light winds.
8. Above normal temperature. Mostly cloudy. Light winds.
9. Above normal temperature. Partly cloudy. Light winds. Light fog in morning.
10. Above normal temperature. Cloudy. Light winds.
11. Above normal temperature. Cloudy. Occasional gusty north winds.
12. Normal temperature. Partly cloudy. Mostly light winds.
13. Near normal temperature. Mostly sunny. Gusty south winds.
14. Above normal temperature. Mostly sunny with mostly light winds.
15. Mild. Sunny. Mostly light winds.
16. Mild. Cloudy. Rain 00:15 a.m. to 00:25 a.m. 12:50 p.m. to 1:05 p.m.
17. Mild. Cloudy. Light winds.
18. Mild. Cloudy. Snow 10:49 p.m. continued. Light winds.
19. Mild. Cloudy. Snow to 7:20 p.m. Light winds.
20. Near normal temperature. Partly cloudy. Mostly light winds.
21. Near normal temperature. Partly cloudy. Light winds.
22. Below normal temperature. Partly cloudy. Snow 6:49 a.m. to 7:05 a.m., light winds.
23. Below normal temperature. Partly cloudy. Light winds.
24. Cold. Partly cloudy. Light winds. Snowflurries 12:22 p.m. to 5:15 p.m.
25. Cold. Mostly sunny. Light winds. Ice crystals 11:39 a.m. to 12:57 p.m.
26. Below normal temperature. Mostly sunny. Snow 5:10 p.m. to 6:10 p.m. Light winds.
27. Normal temperature. Cloudy. Snow 5:40 a.m. to 12:19 p.m. Ice crystals 11:42 p.m. continued. Light winds.
28. Above normal temperature. Cloudy. Ice crystals or snow to 12:10 p.m. Snow 2:35 p.m. continued. Haze and light fog.
29. Normal temperature. Cloudy. Snow or ice crystals to 5:18 p.m. Snow pellets 4:03 a.m. to 5:45 a.m. Freezing drizzle 3:55 a.m. to 4:27 a.m. Light winds.
30. Below normal temperature. Partly cloudy. Ice crystals 3:55 a.m. to 7:56 a.m.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF NOVEMBER 1975

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.
1.	1.7	.0	-1	6.3	5.3	3.9	5.1	4.3	.4	2.1	3.9	5.9	7.8	10.6	12.2	13.4	13.8	12.8	11.8	11.1	10.9
2.	10.4	10.0	8.3	8.9	8.0	7.6	6.6	4.4	3.2	2.7	3.9	5.6	6.1	7.1	7.3	7.2	6.9	6.1	5.6	6.7	6.8
3.	8.9	8.9	8.9	8.9	8.0	7.6	6.6	4.4	3.2	2.7	3.9	5.6	6.1	7.1	7.3	7.2	6.9	6.1	5.6	6.7	6.8
4.	7.2	6.8	7.8	8.3	9.0	10.3	10.1	9.6	9.5	10.6	13.7	16.1	17.2	18.5	19.5	19.5	18.3	16.2	10.9	10.1	9.1
5.	6.7	6.0	6.1	7.0	7.2	3.4	4.4	4.6	4.9	7.6	11.1	15.0	17.8	20.6	23.3	23.5	23.2	20.7	18.8	16.1	14.2
6.	10.9	8.9	7.1	6.8	7.2	7.3	7.2	6.3	6.7	8.2	10.0	12.2	13.5	15.0	15.7	16.5	15.7	15.0	11.9	10.8	8.9
7.	5.2	4.4	4.2	.0	1.1	2.1	2.8	2.9	3.3	4.4	4.4	4.9	4.9	5.8	6.9	6.8	6.1	5.4	4.9	3.9	1.3
8.	1.7	1.1	.8	.6	.0	-.4	-.9	-1.1	.4	.7	1.3	2.1	2.8	3.4	3.9	4.1	4.1	3.8	3.3	2.8	2.7
9.	1.2	1.4	1.0	-.8	-1.7	-3.9	-5.1	-5.0	-5.6	-1.9	2.2	3.8	4.9	5.7	6.7	6.1	5.2	4.3	2.7	1.1	.4
10	-2.4	.5	.5	.7	.3	-1.6	-.6	-.4	-.6	.0	.6	.9	1.9	1.8	3.0	2.6	3.2	1.1	-.7	-1.2	-1.8
11	-1.2	-2.6	-1.5	-1.7	-2.2	-1.6	-2.4	-2.8	-2.8	-1.6	-.6	-.2	.6	.9	.7	.6	-.1	-.9	-1.1	-1.6	-1.3
12	-2.7	-3.3	-3.6	-3.7	-3.9	-4.3	-4.4	-5.4	-3.9	-4.0	-2.7	-.6	-.8	-.4	.6	.9	.1	-3.3	-4.4	-5.2	-6.7
13	-8.7	-7.8	-7.2	-9.4	-10.2	-10.0	-9.3	-8.8	-8.7	-7.7	-5.4	-3.0	-1.7	-.7	-.4	-.6	-.8	-2.2	-3.4	-4.0	-4.6
14	-5.0	-5.3	-5.3	-5.3	-5.3	-5.3	-5.2	-5.4	-5.3	-4.4	-1.8	1.1	3.4	5.6	6.7	6.9	6.0	3.0	1.2	.3	1.0
15	2.5	.9	.6	.7	-.6	-1.9	-4.0	-3.0	-4.1	-.7	2.2	6.1	8.2	9.8	11.0	11.7	10.2	5.9	6.1	4.3	3.9
16	5.5	6.1	5.7	5.4	5.4	4.4	4.4	4.4	4.4	6.3	7.4	9.6	10.9	10.1	10.1	10.1	9.8	8.9	8.6	7.7	6.3
17	.6	.6	1.1	.6	.6	-1.7	-2.4	-2.8	-2.1	-1.2	2.1	4.6	5.1	5.6	6.1	6.1	5.4	3.9	3.3	1.6	2.1
18	2.2	1.1	1.1	.0	-1.0	-.2	.6	-1.7	-2.2	-.1	2.2	3.7	4.8	5.6	5.5	5.2	4.4	3.5	2.8	2.4	2.5
19	.1	.0	.4	.6	.6	.6	.2	.2	-.3	-.6	-.1	.4	.4	.6	.3	.2	.2	-.1	-.1	-.4	-1.1
20	-2.8	-3.7	-4.8	-6.1	-6.6	-5.8	-6.0	-8.3	-9.1	-6.4	-3.9	-2.7	-2.4	-3.4	-2.4	-2.1	-2.9	-2.2	-2.2	-2.2	-2.2
21	-7.7	-8.9	-9.4	-9.4	-10.6	-10.1	-10.3	-11.2	-11.0	-10.0	-6.7	-4.4	-2.9	-2.6	-2.4	-2.6	-3.3	-3.4	-3.6	-3.7	-3.9
22	-7.7	-7.3	-7.6	-7.7	-8.9	-10.4	-10.6	-10.1	-11.8	-10.9	-10.2	-9.5	-8.6	-7.9	-9.1	-9.1	-9.3	-10.2	-10.7	-11.4	-11.6
23	-12.1	-12.6	-12.1	-11.8	-12.1	-12.1	-12.1	-12.3	-12.7	-12.2	-11.6	-10.6	-10.0	-10.0	-10.0	-10.6	-11.4	-13.9	-16.8	-16.6	-15.8
24	-16.7	-17.9	-16.6	-17.8	-18.5	-18.4	-18.9	-19.4	-19.1	-16.1	-14.0	-12.0	-11.1	-10.7	-10.9	-10.7	-11.4	-11.7	-13.5	-14.6	-13.8
25	-17.1	-18.4	-19.1	-18.8	-18.7	-17.3	-17.0	-17.1	-17.6	-16.1	-14.5	-12.3	-10.8	-10.1	-9.6	-9.9	-10.6	-12.8	-13.3	-13.6	-14.5
26	-15.7	-16.6	-16.7	-17.2	-16.6	-16.6	-16.6	-16.8	-16.8	-15.7	-13.6	-11.2	-10.0	-8.8	-8.1	-8.0	-8.3	-8.7	-8.9	-10.2	-11.1
27	-12.8	-12.9	-12.9	-12.6	-11.4	-11.2	-10.8	-10.6	-10.2	-10.0	-9.4	-7.8	-7.1	-6.7	-6.4	-6.3	-6.6	-6.6	-6.8	-7.1	-7.2
28	-8.0	-8.1	-8.3	-7.9	-7.8	-7.4	-7.7	-7.6	-8.2	-7.2	-6.3	-5.6	-5.4	-5.1	-5.1	-5.3	-5.2	-5.6	-5.4	-5.1	-5.2
29	-6.2	-6.7	-6.7	-6.4	-5.8	-5.7	-5.6	-6.2	-6.6	-6.3	-6.1	-6.1	-6.6	-8.3	-9.4	-10.0	-11.3	-12.3	-13.5	-14.4	-13.9
30	-13.1	-13.4	-13.9	-13.4	-14.4	-15.0	-15.6	-16.7	-18.3	-19.0	-17.6	-17.3	-17.3	-16.6	-16.4	-16.6	-17.6	-17.8	-18.9	-20.3	-21.8

MEAN -2.4 -2.9 -3.0 -3.4 -3.6 -3.9 -4.0 -4.4 -4.6 -3.4 -1.6 .0 .8 1.5 2.0 2.1 1.5 .3 -.6 -1.4 -1.9 -2.1 -2.3 -2.7

HOURLY WETBULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF NOVEMBER 1975

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.
1.	.7	-7	-7	-6	-9	-6	-3	-1	.0	1.1	2.7	3.9	5.1	6.7	7.6	8.3	7.8	7.4	7.2	6.5	6.4
2.	6.3	5.9	4.9	3.9	3.7	2.3	3.4	3.2	1.8	1.6	2.3	3.3	3.3	3.4	3.7	3.6	3.7	3.4	3.1	3.7	3.9
3.	5.6	5.6	5.6	5.5	5.6	4.6	3.7	2.3	1.6	2.7	3.7	4.1	4.7	4.8	5.1	5.0	5.1	5.6	4.4	3.7	3.7
4.	3.6	3.7	5.0	5.5	6.1	6.7	6.7	6.6	6.6	7.1	8.9	10.2	10.9	11.3	11.9	11.9	11.2	10.1	7.7	5.6	4.4
5.	4.8	4.4	4.3	4.8	5.0	2.2	2.9	3.0	3.3	4.9	7.7	9.3	10.6	12.2	12.8	12.8	12.3	11.3	10.4	9.2	8.3
6.	7.2	6.1	4.5	5.0	5.2	5.3	5.3	4.5	5.6	6.6	7.8	8.9	9.6	10.4	11.2	11.8	10.6	10.1	8.3	7.2	6.1
7.	3.4	3.1	2.8	-5	.6	1.5	2.2	2.2	2.1	2.2	2.2	2.3	2.3	2.8	3.5	3.9	3.3	3.3	2.9	2.2	.3
8.	1.2	.7	.4	.0	-7	-1.2	-1.7	-1.7	.0	.2	.9	1.6	2.3	2.8	2.8	2.5	2.7	2.2	1.8	1.8	1.7
9.	.6	.6	.3	-1.1	-1.8	-4.0	-5.1	-5.1	-5.6	-1.9	.1	2.1	2.8	3.3	3.7	3.5	3.3	2.7	1.7	.4	.0
10	-2.7	-1	-1	-1	-3	-1.7	-1.0	-9	-1.0	-2	.1	.1	.7	.6	1.1	.9	1.1	-2	-1.3	-2.1	-2.5
11	-2.2	-3.3	-2.4	-2.7	-3.1	-2.4	-3.2	-3.4	-3.3	-2.3	-1.7	-1.4	-1.1	-8	-8	-1.0	-1.8	-2.2	-1.7	-2.8	-2.7
12	-3.3	-3.8	-4.3	-4.4	-4.6	-4.9	-5.1	-5.7	-4.8	-4.7	-3.8	-2.3	-2.6	-1.8	-1.5	-1.6	-2.4	-3.8	-5.6	-6.1	-7.2
13	-8.9	-8.1	-7.4	-9.4	-10.3	-10.0	-9.4	-8.9	-8.8	-7.8	-5.8	-4.1	-3.4	-2.3	-2.4	-2.6	-2.8	-3.6	-4.4	-4.4	-5.1
14	-5.5	-5.7	-5.7	-5.7	-5.7	-5.7	-5.6	-5.7	-5.7	-4.9	-3.0	-9	.3	2.2	2.8	3.3	2.7	1.1	-2	-1.0	-6
15	.6	-6	-6	-6	-9	-2.5	-4.3	-3.3	-4.3	-1.2	.1	3.3	4.5	5.6	6.1	6.7	6.1	3.3	3.7	2.5	2.2
16	3.8	4.1	3.8	3.4	3.4	2.8	2.8	2.4	2.2	3.0	3.8	4.4	4.9	4.6	4.8	4.8	4.3	3.9	3.5	3.2	2.8
17	-1.7	-1.7	-1.9	-1.9	-3.4	-4.0	-4.2	-4.2	-3.7	-3.0	-6	1.0	1.6	1.8	2.2	2.3	1.7	1.1	.7	.1	.4
18	.1	-6	-7	-1.2	-1.8	-1.3	-7	-2.3	-2.9	-1.2	.0	1.3	1.9	2.7	2.3	2.3	1.7	1.5	1.1	.9	.8
19	-6	-4	.0	.0	.0	.0	-2	-2	-6	-7	-6	-4	-3	.0	.0	.1	.0	-3	-6	-1.4	.8
20	-3.3	-3.9	-5.0	-6.2	-6.6	-5.9	-6.1	-8.3	-9.0	-6.6	-4.1	-3.0	-2.8	-3.7	-2.9	-2.9	-3.6	-3.0	-3.0	-3.0	-3.2
21	-7.7	-8.8	-9.3	-9.4	-10.6	-10.1	-10.4	-11.2	-11.1	-10.1	-6.9	-4.8	-3.9	-3.6	-3.3	-3.3	-3.9	-4.3	-4.3	-4.4	-4.6
22	-8.1	-7.8	-7.9	-8.0	-8.9	-10.3	-10.6	-10.1	-11.8	-11.0	-10.5	-10.1	-9.4	-8.8	-9.8	-9.9	-10.1	-10.8	-11.3	-12.0	-12.1
23	-12.5	-12.8	-12.4	-12.2	-12.3	-12.4	-12.4	-12.6	-13.1	-12.9	-12.4	-11.6	-11.3	-11.1	-11.1	-11.6	-12.3	-14.4	-17.2	-16.8	-16.1
24	-16.7	-17.8	-16.6	-17.8	-18.3	-18.3	-18.7	-19.3	-19.0	-16.2	-14.3	-12.6	-11.7	-11.2	-11.5	-11.3	-11.8	-11.9	-13.7	-14.9	-14.0
25	-17.1	-18.4	-19.0	-18.7	-18.6	-17.3	-17.0	-17.0	-17.5	-16.1	-14.6	-12.5	-11.1	-10.3	-10.7	-10.8	-11.6	-13.3	-13.5	-13.9	-14.6
26	-15.8	-16.6	-16.7	-17.2	-16.6	-16.6	-16.6	-16.8	-16.7	-15.8	-13.7	-11.5	-10.4	-9.7	-9.2	-9.1	-8.9	-9.4	-9.4	-10.6	-11.3
27	-12.9	-13.1	-13.2	-12.8	-11.7	-11.7	-11.2	-11.1	-10.7	-10.5	-10.0	-8.4	-7.9	-7.7	-7.3	-7.3	-7.4	-7.3	-7.7	-7.7	-7.6
28	-8.4	-8.3	-8.6	-8.1	-7.9	-7.7	-7.8	-7.7	-8.2	-7.3	-6.5	-6.0	-5.8	-5.6	-5.6	-5.7	-5.6	-5.9	-5.6	-5.3	-5.6
29	-6.5	-6.7	-6.7	-6.6	-5.8	-5.7	-5.7	-6.3	-6.7	-6.3	-6.1	-6.1	-6.7	-8.7	-9.7	-10.2	-11.6	-12.6	-13.6	-14.5	-13.9
30	-13.1	-13.6	-13.9	-13.5	-14.6	-15.1	-15.7	-16.8	-18.2	-19.0	-17.7	-17.4	-17.4	-16.7	-16.6	-16.7	-17.7	-17.8	-18.8	-20.3	-21.8

MEAN -3.5 -3.9 -3.9 -4.2 -4.4 -4.7 -4.8 -5.0 -5.2 -4.2 -3.0 -1.8 -1.2 -.8 -.6 -.6 -1.0 -1.7 -2.4 -3.0 -3.3 -3.4 -3.6 -3.9

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF NOVEMBER 1975

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	WSW 8	SSW 7	S 12	S 9	S 12	S 13	S 14	SSW 14	SSW 14	SSW 10	S 13	S 13	S 14	S 15	S 18	S 20	SSW 16	SSW 16	S 14	S 17	SSW 14	SSW 14	SSW 16	SSW 16	S 30	15 CST
2	SW 14	WSW 15	W 16	W 12	W 12	W 15	W 14	W 14	W 12	W 12	W 13	W 13	W 13	W 13	W 15	W 17	W 18	W 18	W 17	W 14	W 12	W 12	W 12	W 12	S 37	00 CST
3	S 23	SSW 14	SSW 15	SSW 13	SSW 21	W 17	W 18	W 16	W 14	W 12	W 14	W 18	W 17	W 15	W 15	W 15	W 17	W 19	W 7	W 14	W 12	W 14	W 15	W 13	SSW 29	01 CST
4	S 15	SSW 14	SSW 12	SSW 10	SSW 8	SSW 13	SSW 16	SSW 15	SSW 15	SSW 12	SSW 15	SSW 13	SSW 10	SSW 14	SSW 10	SSW 6	SSW 5	SSW 0	SSW 2	SSW 0	SSW 0	SSW 0	SSW 3	SSW 6	S 23	11 CST
5	SSE 2	S 7	S 8	S 9	S 8	S 9	S 9	S 9	S 10	S 12	S 15	S 12	S 13	S 13	S 17	S 15	S 13	S 10	S 13	S 9	S 13	S 15	S 16	S 14	S 24	14 CST
6	S 13	S 12	S 10	S 14	S 16	S 16	S 20	S 17	S 21	S 23	S 21	S 21	S 21	S 20	S 18	S 9	S 7	S 5	S 6	S 5	S 6	S 5	S 6	S 8	S 32	11 CST
7	WNW 8	NNW 9	NNW 12	NNW 8	NNW 7	NNW 3	NNW 6	NNW 6	NNW 6	NNW 8	NNW 12	NNW 8	NNW 8	NNW 8	NNW 6	NNW 7	NNW 0	NNW 3	NNW 2	NNW 9	NNW 8	NNW 9	NNW 9	NNW 8	S 24	14 CST
8	SE 7	S 8	S 7	S 7	S 9	S 12	S 12	S 10	S 12	S 13	S 13	S 13	S 13	S 17	S 15	S 13	S 10	S 13	S 9	S 13	S 15	S 16	S 14	S 8	S 32	11 CST
9	WSW 2	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	S 32	11 CST
10	NNE 5	E 8	E 7	E 5	E 5	E 5	E 5	E 5	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	E 3	S 32	11 CST
11	ESE 6	SE 6	E 8	E 9	E 8	E 8	E 8	E 9	E 12	E 15	E 18	E 16	E 21	E 21	E 24	E 17	E 25	E 24	E 23	E 23	E 23	E 17	E 20	E 23	NNE 35	17 CST
12	N 24	N 20	N 20	N 23	N 16	N 15	N 16	N 13	N 13	N 15	N 18	N 16	N 14	N 13	N 12	N 14	N 5	N 6	N 3	N 3	N 3	N 0	N 0	N 3	NNW 30	05 CST
13	SSW 6	SW 6	S 8	S 6	S 9	S 13	S 13	S 13	S 16	S 14	S 14	S 23	S 18	S 21	S 20	S 22	S 25	S 25	S 18	S 18	S 18	S 18	S 22	S 17	S 41	16 CST
14	S 18	S 20	S 21	S 18	S 17	S 16	S 16	S 17	S 18	S 16	S 15	S 15	S 16	S 16	S 16	S 12	S 12	S 12	S 9	S 7	S 7	S 5	S 8	S 12	S 26	01 CST
15	W 7	W 6	W 9	W 9	W 6	W 5	W 5	W 7	W 6	W 5	W 2	W 2	W 5	W 12	W 9	W 6	W 6	W 8	W 12	W 13	W 14	W 17	W 17	W 17	S 23	21 CST

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