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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS DECEMBER/DECEMBRE

19 75

AT/À WINNIPEG INTERNATIONAL AIRPORT

LAT: 49 ° 54 'N			LONG: 97 ° 15 W			ELEVATION: 775 FEET (ASL) ALTITUDE: PIEDS (MER)		STANDARD TIME USED: C.S.T. 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°C	BASE 5°C	%	%		mm	cm	mm		M.P.H. M/H								
1	-15.7	-26.7	-21.2	39.2	0.0	88	65				10	7.7	S	S	13	4.5					
2	-15.6	-25.1	-20.4	38.4	0.0	88	79				10	5.8	WNW	WNW	12	7.4					
3	-6.5	-20.0	-13.3	31.3	0.0	88	77				10	15.4	SE	SE	24	0.0					
4	5.9	-7.0	-0.6	18.6	0.0	92	62			3.8	15	16.0	S	S	22	2.0					
5	5.6	-24.3	-9.4	27.4	0.0	86	65				13	16.2	NW	NW	28	6.2					
6	-9.5	-26.6	-18.1	36.1	0.0	88	61				13	16.3	S	S	28	6.1					
7	-7.4	-18.6	-13.0	31.0	0.0	90	68				10	5.5	SE *	NW	10	3.4					
8	-5.0	-14.7	-9.9	27.9	0.0	92	73				8	11.2	S	S	18	7.5					
9	0.4	-5.3	-2.5	20.5	0.0	93	84				5	13.9	S	S	22	0.6					
10	0.2	-25.6	-12.7	30.7	0.0	87	67				5	11.3	NW	NNE	22	6.2					
11	-20.1	-32.3	-26.2	44.2	0.0	94	61				5	6.3	NNW	NNW	13	6.2					
12	-10.1	-33.7	-21.9	39.9	0.0	91	73				5	12.9	E	ESE	29	0.0					
13	-4.2	-26.3	-15.3	33.3	0.0	92	70		TR.		13	14.2	WNW	SE	24	6.0					
14	-23.6	-29.7	-26.7	44.7	0.0	86	64				13	8.3	WNW	WNW	14	7.2					
15	-15.4	-28.6	-22.0	40.0	0.0	85	74				13	14.5	SE	SE	25	0.0					
16	-21.0	-28.8	-24.9	42.9	0.0	87	68				13	13.4	NW	NW	17	5.2					
17	-26.4	-31.9	-29.2	47.2	0.0	77	48				13	8.2	WNW	WNW	13	7.3					
18	-11.5	-32.2	-21.9	39.9	0.0	89	70				13	9.0	S	S	16	0.0					
19	-5.1	-15.0	-10.1	28.1	0.0	94	82				15	11.5	N	N	20	0.1					
20	-14.4	-24.4	-19.4	37.4	0.0	87	79				15	10.1	S	S	21	7.2					
21	-6.1	-15.0	-10.6	28.6	0.0	91	79				15	11.6	S	S	24	7.4					
22	-6.3	-14.9	-10.6	28.6	0.0	93	88				15	4.6	W	NW	8	0.0					
23	-6.3	-9.1	-7.7	25.7	0.0	93	85		TR.		15	17.0	S	S	26	2.8					
24	-8.3	-16.4	-12.4	30.4	0.0	91	82				15	9.9	WNW	WNW	16	1.0					
25	-7.8	-16.5	-12.2	30.2	0.0	95	81				15	6.5	SSE	ESE	10	0.0					
26	-6.2	-13.8	-10.0	28.0	0.0	94	85				15	13.7	S	S	20	0.0					
27	-3.3	-7.3	-5.3	23.3	0.0	97	91		TR.		15	15.1	S	S	18	0.0					
28	-0.7	-3.9	-2.3	20.3	0.0	97	83		TR.		13	10.6	S	S	15	0.0					
29	-1.8	-11.4	-6.6	24.6	0.0	94	81				13	7.5	SSE	WNW	12	0.6					
30	-8.2	-17.4	-12.8	30.8	0.0	95	75				13	6.4	NNE	WNW	12	1.1					
31	-5.6	-10.8	-8.2	26.2	0.0	93	81				13	13.2	NNE	NNE	18	0.0					
MEAN MOYENNE	-8.4	-19.8	-14.1	995.4	0.0	91	74		TR.	18.9	17.1	11.1	PREVAILING DOMINANTE SOUTH	MAXIMUM ESE	29	96.0					
NORMAL NORMALE	-9.2	-18.2	-13.7	981.1	0.0			0.0	0.8	23.9	22.9	12.1	SOUTH			86.2					
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 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			995.4	822.8	981.1	TOTAL FOR MONTH TOTAL DU MOIS			NIL	NIL	NIL	7	6	4	0	0	8	6	4	0	0
ACCUMULATED SINCE JULY, ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET			2231.1	2141.1	2235.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL			1794.0	1642.8	1756.7										

UDC 551.506.1 (712.74)

* OTHER WIND DIRECTIONS ON THE 7th SSE

CORRECTION: NOVEMBER 1975 TEMPERATURES SHOWN ON PAGE 8 OF THIS SUMMARY.

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COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		DECEMBER / DECEMBRE		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	5.9	4	4.4	9,10	2.8	11.7	6	1939	- 5.0	4	1927	104
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	-33.7	12	-21.1	7,8	-31.7	-18.3	10	1877	-47.8	24	1879	104
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	-14.1		- 8.6		-13.7	- 3.4		1877	-25.9		1879	104
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	TR.		TR.		0.8	23.4		1877	NIL	(SEVERAL)		104
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	18.9		18.5		23.9	101.3		1909	.5		1877	104
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	17.1		13.0		22.9	101.3		1909	2.5		1892	104
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MEASURABLE	7		11		11	17		1909 & 1955	2	(SEVERAL)		92
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	TR.	13*	TR	(SEVERAL)	15.2	22		1877				104
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	5.6	12	5.6	22		30.5	26	1916				104
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	5.1	12	5.3	22		30.5	26	1916				104
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:												
5 MINUTES												
10 MINUTES												
15 MINUTES												
30 MINUTES												
60 MINUTES												
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	TR.	SVRL	TR.	SVRL		15.2	22	1877				104
MEAN WIND SPEED (m.p.h.) VITESSE MOYENNE DU VENT (m/h)	11.1		10.0		12.1	15.3		1943	8.3		1925	55
MAXIMUM SPEED (1 min.) (m.p.h.) VITESSE MAXIMALE (1 min.) (m/h)	ESE 29	12	N 28	23	35	NW 46		(SEVERAL)				37
MAXIMUM GUST SPEED (m.p.h.) POINTE DU VENT MAXIMALE (m/h)	S 41	23	NNE 41	23	47	NW 62	11	1946				29
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	96.0		94.6		86.2	129.5		1943	31.7		1920	76
MEAN STATION PRESSURE (mb) PRESSION MOYENNE À LA STATION (mb)	989.0		984.5		987.8	991.2		1963	982.9		1953	37
GREATEST STATION PRESSURE (m.b.) PRESSION MAXIMALE À LA STATION (mb)	1006.9	17	1004.1	7	1007.0	1012.2	19	1955				37
LEAST STATION PRESSURE (mb.) PRESSION MINIMALE À LA STATION (mb)	961.6	4	969.7	27	964.4		10	1957	947.1	17	1967	37
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES												
DIX YEARS TEN 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	HEATHO DEGREE-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE	
1966	0.0	-31.7	-15.7	.5	21.1	21.1	11.1	NW 35	66.1	1043.9	.....
1967	5.6	-37.8	-11.7	2.5	21.6	21.1	11.7	NW 30	104.4	921.1	.....
1968	2.2	-33.3	-14.7	NIL	10.9	8.9	11.8	NW 40	71.7	1012.2	.....
1969	8.3	-27.2	-10.2	TR.	26.2	18.8	10.6	S 27	71.2	870.0	.....
1970	0.0	-33.9	-17.3	2.5	27.7	23.4	12.1	WNW 35	106.1	1092.8	.....
1971	0.6	-30.0	-15.2	.3	7.1	5.8	11.9	NW 26	79.9	1028.9	.....
1972	-3.9	-32.8	-19.2	.3	27.7	25.4	10.3	S 32	121.3	1155.0	.....
1973	1.1	-37.8	-15.8	6.4	15.7	19.1	10.4	NNW 32	87.9	1046.7	.....
1974	4.4	-21.1	- 8.6	TR.	18.5	13.0	10.0	N 28	94.6	822.8	.....
1975	5.9	-33.7	-14.1	TR.	18.9	17.1	11.1	ESE 29	96.0	995.4	.....

* OTHER DAYS 23,27,28

December weather behaved accordingly to long time normal conditions.

Temperatures averaged -14.1C which is near normal for December. Afternoon highs average -8.4C and overnight lows -19.8. Warmest day was December 4 with maximums 5.9. Coldest day December 12 with minimums -33.7C. Snowfall amounted to 18.9 cm which is 5 cm less than usual. Full blizzards missed Winnipeg. The first near blizzard conditions occurred December 3 for 4 hours but winds were lighter than blizzard strength.

Sunshine totalled 96 hours which is 10 hours more than usual for December.

DAILY WEATHER SUMMARY FOR DECEMBER 1975AT WINNIPEG, MANITOBA

1. Cold. Mostly sunny. Light winds.
2. Cold. Sunny with light winds.
3. Below normal temperature. Cloudy. Snow 7:41 a.m. to 5:00 p.m. Blowing snow. Visibility restricted.
4. Very mild. Partly cloudy. Light fog. Drifting snow.
5. Above normal temperature. Mostly sunny with mostly light winds.
6. Cold. Sunny. Gusty south winds.
7. Near normal temperature. Partly cloudy with light winds.
8. Above normal temperature. Mostly sunny with mostly light winds.
9. Mild. Cloudy. Gusty winds in morning. Snow 10:40 p.m. continued.
10. Normal temperature. Mostly sunny. Snow to 00:41 a.m.
11. Cold. Mostly sunny. Snow 4:06 a.m. to 8:10 a.m.
12. Cold. Cloudy. Smoky. Snow or ice crystals 6:50 a.m. continued all day.
13. Near normal temperature. Partly cloudy. Freezing drizzle 3:29 a.m. to 4:49 a.m. snow or snow pellets to 8:13 a.m. Blowing snow in the morning.
14. Very cold. Sunny. Smoke and light fog in evening. Ice crystals 10:35 p.m. continued.
15. Cold. Cloudy. Ice crystals or snow to 7:49 p.m. Blowing snow in morning. Visibility reduced.
16. Very cold. Mostly sunny. Ice crystals 4:00 a.m. to 10:00 a.m. 11:53 a.m. to 5:46 p.m.
17. Very cold. Sunny. Light fog in morning and evening.
18. Very cold. Cloudy. Snow 5:24 p.m. to 7:21 p.m. Light fog in morning.
19. Above normal temperature. Cloudy. Snow 2:15 a.m. to 11:20 a.m. 1:25 p.m. to 10:21 p.m. Mostly light winds.
20. Below normal temperature. Mostly sunny. Snow 5:46 p.m. to 8:30 p.m. Ice crystals 8:30 p.m. continued. Gusty winds and light fog late evening.
21. Above normal temperature. Mostly sunny. Light fog in morning. Ice crystals to 4:50 a.m. Blowing snow 1:23 a.m. to 5:25 a.m.
22. Above normal temperature. Cloudy. Light winds. Light fog in morning.
23. Mild. Mostly cloudy. Light fog in morning. Blowing snow 8:53 a.m. to 6:15 p.m. snow grains 1:35 a.m. to 4:47 a.m. freezing drizzle 1:29 a.m. to 1:35 a.m.
24. Above normal temperature. Cloudy. Snow or Ice crystals 00:13 a.m. to 3:30 p.m. 7:45 p.m. continued. Light winds.
25. Above normal temperature. Cloudy. Snow all day. Light fog in morning. Light winds.
26. Mild. Cloudy. Snow to 00:50 a.m. 8:50 a.m. to 3:30 p.m. Blowing snow 11:50 a.m. to 3:45 p.m. Light fog.
27. Very mild. Cloudy. Freezing drizzle 00:50 a.m. to 2:40 a.m. snow 9:10 a.m. to 3:40 p.m. light fog all day.
28. Very mild. Cloudy. Light fog. Freezing drizzle 9:10 a.m. to 11:58 a.m. snow 12:45 p.m. to 2:10 p.m. snow grains 11:34 p.m. continued. Light winds.
29. Mild. Cloudy. Snow grains to 00:38 a.m. Light winds.
30. Above normal temperature. Mostly cloudy. Snow 9:29 a.m. to 11:19 a.m. 1:41 p.m. to 3:19 p.m. snow grains 11:15 p.m. continued. Heavy fog 9:39 a.m. to 10:00 a.m. Light winds.
31. Mild. Cloudy. Snow grains to 1:20 a.m. Snow or snow grains 8:19 a.m. to 8:35 p.m. snow 10:35 p.m. continued. Mostly light winds.

HOURLY WINDSPEED TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF DECEMBER 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.	21.	22.	23.
1.	-25.3	-26.1	-25.5	-25.0	-26.1	-25.6	-24.0	-24.4	-25.1	-24.1	-21.0	-19.6	-18.2	-17.7	-16.6	-16.9	-17.9	-18.3	-19.2	-18.4	-20.1	-19.5	-20.0	-20.7
2.	-21.2	-19.3	-20.4	-20.9	-21.4	-21.5	-21.1	-22.6	-24.4	-23.6	-21.0	-19.6	-18.9	-17.8	-17.5	-17.2	-17.9	-18.5	-19.4	-21.8	-20.6	-18.8	-18.0	-10.8
3.	-17.4	-16.2	-16.9	-19.2	-17.7	-17.0	-16.4	-16.0	-15.2	-14.5	-13.9	-12.9	-12.2	-11.5	-11.0	-10.5	-10.0	-9.5	-9.2	-8.9	-8.5	-8.2	-8.2	-7.7
4.	-7.2	-6.2	-6.4	-5.9	-5.5	-4.7	-4.1	-4.4	-3.9	-3.2	-2.7	-2.2	-1.7	-1.2	-0.6	-0.4	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.9
5.	2.6	1.5	-3.4	-4.7	-7.1	-8.9	-10.4	-11.1	-11.0	-11.7	-13.4	-13.9	-13.8	-13.5	-14.8	-15.7	-17.3	-18.6	-19.8	-22.0	-23.8	-23.4	-23.4	-23.8
6.	-23.3	-24.0	-25.0	-24.5	-25.6	-25.0	-26.0	-24.9	-23.0	-22.6	-20.3	-18.5	-16.8	-14.6	-13.7	-12.2	-10.3	-10.5	-10.7	-10.6	-10.4	-10.3	-10.5	-10.1
7.	-10.8	-12.5	-11.8	-13.2	-15.6	-15.5	-15.0	-14.7	-17.8	-16.1	-14.4	-12.1	-9.4	-8.9	-8.5	-8.9	-9.8	-10.4	-10.6	-10.1	-9.2	-9.0	-9.0	-9.7
8.	-9.8	-10.0	-11.0	-14.8	-12.7	-11.8	-10.7	-11.3	-10.9	-11.2	-9.2	-8.4	-8.1	-8.9	-8.5	-8.1	-6.3	-6.8	-6.4	-7.2	-8.6	-8.2	-8.0	-8.1
9.	-5.5	-5.2	-4.0	-4.3	-4.4	-4.6	-4.1	-4.6	-4.3	-3.7	-3.4	-3.2	-2.7	-2.3	-2.2	-1.9	-1.6	-1.8	-1.7	-1.7	-1.8	-2.1	-2.1	-2.4
10.	-9.5	-4.2	-7.0	-10.2	-12.1	-13.1	-14.0	-15.3	-18.2	-18.5	-20.2	-17.6	-17.3	-17.0	-17.1	-17.2	-18.1	-21.0	-21.6	-23.3	-22.9	-23.9	-24.2	-24.0
11.	-24.4	-25.4	-25.3	-25.1	-23.7	-21.8	-21.2	-21.1	-21.1	-21.1	-21.3	-21.3	-21.1	-21.3	-22.7	-23.1	-23.9	-26.1	-26.5	-27.2	-29.2	-30.1	-29.7	-31.2
12.	-30.5	-30.6	-32.4	-32.8	-31.7	-31.2	-30.4	-30.4	-29.4	-28.7	-25.7	-25.1	-24.3	-23.2	-22.1	-21.1	-20.4	-19.1	-17.1	-15.8	-15.2	-13.9	-12.5	-11.2
13.	-10.1	-8.6	-7.9	-6.9	-6.1	-5.3	-5.2	-10.6	-17.3	-16.0	-21.1	-21.1	-21.3	-21.2	-21.1	-20.7	-21.2	-22.2	-24.3	-25.1	-23.4	-23.3	-25.5	-28.6
14.	-25.6	-26.4	-27.8	-27.8	-27.1	-26.2	-27.2	-28.1	-29.0	-28.2	-26.9	-26.2	-25.2	-25.2	-24.5	-24.4	-25.3	-26.8	-28.7	-29.1	-28.9	-28.2	-29.3	-28.3
15.	-26.3	-28.4	-27.3	-27.1	-28.0	-25.5	-25.0	-23.6	-22.5	-21.7	-21.1	-19.9	-18.8	-17.5	-16.8	-16.4	-15.7	-16.8	-18.8	-17.9	-19.1	-22.2	-23.2	-25.0
16.	-21.6	-22.5	-23.9	-25.3	-25.1	-25.4	-25.8	-26.5	-26.1	-25.0	-24.5	-24.2	-23.6	-22.8	-22.1	-21.1	-22.2	-23.0	-22.7	-22.8	-25.4	-26.2	-27.7	-28.2
17.	-27.7	-28.8	-28.9	-28.9	-30.1	-28.9	-29.9	-31.6	-30.6	-28.4	-28.2	-27.1	-27.1	-27.7	-27.3	-27.3	-27.4	-28.9	-29.4	-29.4	-30.5	-30.0	-30.9	-31.1
18.	-30.7	-31.2	-31.7	-30.8	-28.8	-27.8	-26.5	-25.2	-23.7	-22.5	-21.5	-20.4	-19.2	-17.4	-15.9	-15.1	-14.4	-13.7	-12.9	-12.5	-12.0	-13.1	-12.4	-12.4
19.	-11.7	-11.6	-11.0	-10.3	-9.7	-8.8	-8.3	-6.9	-6.0	-6.0	-5.8	-6.5	-7.3	-7.7	-7.4	-6.8	-5.4	-5.9	-6.5	-7.7	-8.7	-10.1	-11.6	-13.3
20.	-15.1	-16.9	-20.0	-22.2	-21.6	-22.4	-23.4	-23.2	-24.1	-24.4	-21.6	-18.4	-16.3	-17.8	-17.2	-16.9	-17.2	-18.8	-18.6	-15.7	-14.9	-14.4	-15.0	-15.4
21.	-15.4	-15.0	-14.5	-13.6	-13.4	-12.7	-12.1	-10.7	-11.1	-10.8	-10.4	-9.5	-8.5	-7.4	-8.0	-9.1	-10.6	-11.7	-12.6	-15.4	-13.7	-14.3	-14.2	-13.5
22.	-13.3	-14.7	-12.5	-14.0	-12.5	-12.5	-12.0	-11.3	-11.7	-11.6	-10.8	-9.6	-8.4	-7.5	-7.2	-7.1	-6.9	-7.4	-7.3	-7.3	-7.1	-6.9	-6.6	-6.6
23.	-6.6	-6.8	-6.8	-7.2	-7.4	-7.4	-8.6	-9.1	-9.0	-8.9	-8.7	-8.9	-8.8	-8.5	-8.5	-8.4	-8.7	-8.9	-8.8	-8.3	-8.2	-8.7	-8.2	-9.1
24.	-9.1	-9.4	-9.8	-10.1	-9.9	-9.8	-9.8	-9.6	-9.4	-9.1	-9.2	-9.2	-8.9	-9.0	-9.2	-9.9	-11.4	-14.2	-15.0	-15.4	-15.9	-15.3	-14.5	-14.0
25.	-14.7	-14.0	-14.4	-15.2	-15.2	-13.1	-12.5	-12.1	-11.3	-11.1	-11.2	-11.1	-10.7	-9.7	-9.4	-9.1	-8.9	-8.8	-8.6	-8.6	-8.9	-9.3	-9.6	-9.9
26.	-9.9	-9.3	-9.0	-10.2	-10.8	-12.3	-12.3	-13.2	-13.2	-13.4	-12.5	-11.7	-11.8	-11.6	-10.2	-9.8	-9.2	-8.9	-8.5	-8.2	-7.6	-6.8	-6.0	-6.6
27.	-6.8	-6.9	-7.1	-6.8	-6.7	-6.2	-6.1	-5.6	-5.1	-4.9	-4.6	-4.4	-4.4	-4.4	-4.6	-4.7	-4.6	-4.5	-4.4	-4.3	-4.2	-4.0	-3.9	-3.7
28.	-3.6	-3.4	-3.4	-3.2	-3.2	-2.8	-2.8	-2.9	-2.8	-2.6	-2.7	-2.4	-2.3	-2.1	-1.8	-1.3	-1.2	-1.3	-1.2	-1.9	-2.2	-2.9	-3.3	-2.8
29.	-2.8	-3.2	-4.0	-5.7	-6.1	-6.7	-7.5	-8.1	-9.3	-8.9	-7.6	-6.6	-5.6	-4.4	-4.9	-4.3	-4.2	-5.1	-5.6	-7.3	-8.0	-9.2	-10.2	-10.2
30.	-11.1	-11.6	-12.4	-14.0	-13.9	-15.5	-17.1	-14.6	-13.7	-15.0	-13.2	-11.8	-11.1	-11.2	-10.9	-10.7	-12.7	-14.3	-15.4	-12.7	-9.5	-9.2	-8.9	-8.5
31.	-8.3	-7.3	-6.8	-7.0	-6.8	-6.2	-7.4	-6.9	-6.7	-6.7	-6.4	-6.3	-6.2	-6.3	-6.9	-7.6	-8.6	-9.1	-8.9	-8.9	-10.0	-10.1	-10.4	-10.4

MEAN -14.3 -14.7 -15.2 -15.6 -15.5 -15.4 -15.3 -15.7 -15.4 -14.7 -13.8 -13.2 -12.7 -12.4 -12.2 -12.5 -13.1 -13.4 -13.6 -13.7 -13.8 -14.0 -14.0

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF DECEMBER 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.	21.	22.	23.
1.	-25.4	-26.1	-25.0	-25.0	-25.6	-24.0	-24.4	-25.1	-24.2	-21.0	-19.6	-18.1	-17.4	-16.1	-16.7	-17.2	-18.3	-18.3	-19.3	-16.5	-20.1	-19.6	-20.0	-20.7
2.	-21.2	-19.4	-20.9	-21.4	-21.8	-21.1	-22.6	-24.4	-23.8	-21.1	-19.6	-18.9	-17.8	-17.4	-17.1	-17.0	-18.6	-19.4	-21.8	-20.6	-20.6	-18.8	-18.0	-18.0
3.	-17.3	-18.2	-18.9	-19.3	-17.7	-17.0	-16.7	-15.8	-15.0	-14.5	-13.9	-12.9	-11.4	-11.4	-10.8	-10.0	-9.8	-9.3	-8.5	-8.7	-8.3	-7.9	-7.9	-7.2
4.	-6.8	-6.1	-6.1	-5.7	-5.2	-5.1	-4.4	-3.9	-3.9	-3.4	-2.8	-2.0	-1.7	-1.0	-0.6	.1	.3	.9	1.1	1.1	1.3	1.0	2.1	2.6
5.	5.6	4.9	.4	-4.2	-6.0	-8.5	-9.9	-10.5	-10.3	-11.0	-12.8	-13.6	-13.5	-12.9	-14.5	-15.4	-17.2	-18.2	-19.0	-21.8	-23.6	-23.3	-23.3	-23.8
6.	-23.3	-24.0	-25.5	-24.4	-25.2	-25.7	-25.9	-24.9	-23.6	-22.8	-19.9	-18.3	-16.8	-14.4	-13.3	-11.7	-10.0	-10.0	-10.5	-10.5	-10.3	-10.7	-10.4	-10.0
7.	-10.8	-12.2	-11.4	-13.1	-15.6	-15.0	-15.1	-14.6	-17.8	-16.1	-14.4	-11.8	-8.9	-8.1	-7.9	8.2	9.3	10.0	10.3	10.2	9.7	8.6	9.1	9.3
8.	-9.1	-9.4	-11.6	-12.7	-12.4	-11.4	-10.3	-10.9	-10.6	-11.0	-8.7	-7.4	-6.1	-6.1	-5.3	-5.6	-5.7	-6.4	-6.0	-6.4	-6.1	-6.2	-6.1	-5.9
9.	-5.1	-4.9	-4.4	-3.6	-4.0	-4.3	-3.8	-4.3	-3.9	-3.3	-3.2	-2.8	-2.2	-1.7	-1.7	-1.5	-1.1	-1.1	-1.1	-1.1	-1.5	-1.8	-1.8	.1
10.	.0	-3.7	-0.0	-0.5	-11.0	-12.7	-13.4	-15.1	-18.1	-18.9	-20.2	-17.3	-17.2	-16.8	-16.9	-17.2	-17.0	-21.0	-21.6	-23.3	-22.9	-23.9	-24.1	-24.0
11.	-24.5	-25.6	-25.4	-25.1	-23.5	-21.7	-21.1	-21.1	-21.1	-21.7	-21.2	-21.0	-21.0	-21.7	-22.6	-22.9	-23.9	-26.1	-26.8	-27.2	-29.1	-30.0	-29.7	-31.1
12.	-30.4	-30.6	-32.8	-31.7	-31.2	-30.4	-30.4	-29.4	-29.4	-28.7	-25.7	-25.1	-24.3	-23.2	-22.1	-21.1	-20.4	-19.1	-17.1	-15.8	-15.2	-13.9	-12.5	-11.2
13.	-10.1	-8.4	-7.8	-6.8	-6.0	-5.1	-5.0	-10.4	-17.2	-18.8	-21.0	-21.1	-21.2	-21.1	-20.9	-20.6	-21.1	-22.2	-24.3	-25.1	-23.3	-23.8	-25.5	-25.0
14.	-25.0	-28.4	-27.8	-27.8	-27.1	-26.1	-25.1	-25.1	-25.0	-25.2	-26.9	-26.9	-26.1	-25.1	-24.3	-24.3	-25.2	-26.8	-28.8	-29.1	-28.9	-28.2	-29.3	-28.3
15.	-26.3	-28.4	-27.3	-27.1	-26.0	-25.3	-25.0	-23.6	-22.4	-21.7	-21.1	-19.9	-18.6	-17.3	-16.8	-16.6	-15.4	-16.8	-16.8	-17.9	-19.0	-22.2	-23.2	-25.0
16.	-21.8	-22.9	-23.9	-25.3	-25.1	-25.4	-25.8	-26.4	-26.1	-25.0	-24.9	-24.2	-23.5	-22.8	-22.0	-21.2	-22.1	-22.9	-22.9	-22.8	-25.4	-26.2	-27.7	-28.3
17.	-27.7	-28.8	-28.9	-28.9	-30.1	-28.9	-29.9	-30.9	-31.6	-30.6	-28.3	-28.2	-27.1	-27.7	-27.3	-27.2	-27.3	-28.9	-29.4	-29.4	-30.4	-30.0	-30.7	-30.5
18.	-30.6	-31.2	-31.7	-30.0	-28.8	-27.8	-26.5	-25.1	-23.6	-22.8	-21.4	-20.3	-19.1	-17.4	-15.8	-15.0	-14.4	-13.7	-12.9	-12.2	-12.0	-13.1	-12.4	-12.4
19.	-11.7	-11.5	-10.7	-10.1	-9.4	-8.6	-8.2	-6.9	-6.6	-5.9	-5.6	-6.3	-7.1	-7.6	-7.3	-6.7	-5.1	-5.0	-6.2	-7.6	-8.4	-10.0	-11.7	-13.3
20.	-15.0	-16.9	-20.0	-22.2	-21.9	-22.5	-24.0	-23.3	-24.2	-24.4	-21.8	-18.3	-18.3	-17.8	-17.2	-16.8	-17.2	-16.8	-16.6	-15.7	-14.9	-14.4	-15.0	-15.4
21.	-15.4	-15.0	-14.4	-13.7	-13.4	-12.7	-12.1	-10.7	-11.1	-10.6	-10.3	-9.4	-8.2	-6.8	-7.6	-8.9	-10.4	-11.6	-12.8	-15.4	-13.7	-14.4	-14.2	-13.5
22.	-13.3	-14.6	-12.6	-14.1	-12.6	-12.6	-12.1	-11.3	-11.0	-11.0	-10.8	-9.5	-8.3	-7.4	-7.2	-7.0	-6.8	-7.3	-7.2	-7.3	-7.0	-6.8	-6.4	-6.4
23.	-6.5	-6.8	-6.8	-7.2	-7.4	-7.8	-8.6	-9.1	-9.0	-8.9	-8.6	-8.8	-8.7	-8.3	-8.3	-8.3	-8.4	-8.8	-8.7	-8.3	-7.9	-8.5	-7.9	-8.9
24.	-8.5	-9.1	-9.6	-9.8	-9.9	-9.8	-9.6	-9.4	-9.3	-9.0	-9.1	-8.8	-8.8	-8.9	-9.1	-9.9	-11.3	-14.1	-15.0	-15.4	-15.9	-15.3	-14.9	-14.0
25.	-14.6	-14.6	-14.5	-15.0	-13.3	-13.3	-13.0	-12.6	-12.2	-11.4	-11.1	-11.2	-11.1	-10.7	-9.5	-9.2	-8.9	-8.4	-8.3	-8.3	-8.7	-8.9	-9.3	-9.6
26.	-9.7	-9.1	-8.8	-10.0	-10.6	-12.3	-12.9	-13.2	-13.3	-13.4	-12.5	-11.7	-11.8	-11.6	-10.2	-9.8	-9.2	-8.9	-8.4	-8.2	-7.6	-6.8	-6.0	-6.0
27.	-6.8	-6.6	-7.1	-6.8	-6.7	-6.3	-6.1	-5.7	-5.1	-4.9	-4.6	-4.4	-4.4	-4.4	-4.5	-4.6	-4.4	-4.4	-4.4	-4.3	-4.0	-3.9	-3.8	-3.0
28.	-3.6	-3.3	-3.3	-3.2	-3.1	-3.0	-2.7	-2.8	-2.7	-2.4	-2.0	-2.2	-2.2	-1.8	-1.4	-1.4	-1.0	-1.0	-1.0	-1.7	-1.7	-2.2	-2.7	-2.2
29.	-1.8	-2.6	-3.6	-5.5	-5.8	-6.4	-7.8	-7.9	-9.0	-8.9	-7.4	-6.1	-5.0	-3.6	-4.3	-3.6	-3.7	-4.7	-5.2	-7.1	-7.9	-9.3	-10.2	-10.2
30.	-11.1	-11.8	-12.4	-14.0	-14.0	-15.6	-17.2	-14.7	-13.8	-15.0	-12.8	-11.7	-11.1	-11.2	-10.9	-10.7	-12.7	-14.4	-15.6	-12.6	-9.6	-9.3	-8.9	-8.6
31.	-8.3	-7.3	-6.7	-6.9	-6.7	-8.2	-7.3	-6.9	-6.6	-6.4	-6.1	-6.0	-5.8	-6.0	-6.8	-7.3	-8.4	-8.4	-8.9	-8.8	-9.0	-9.7	-9.9	-10.1

MEAN -14.1 -14.5 -15.0 -15.5 -15.4 -15.4 -15.2 -15.3 -15.6 -15.3 -14.5 -13.7 -13.1 -12.4 -12.2 -12.0 -12.3 -12.9 -13.2 -13.5 -13.5 -13.7 -13.0 -13.9

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF DECEMBER 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	S	SSE	S	S	SSE	S	S	S	S	S	S	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSE	12 CST
2	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SSW	10 CST	
3	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	17 CST	
4	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	13 CST	
5	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	18 CST	
6	WSW	NW	SSW	SSW	SSE	S	S	SSE	S	S	SSE	S	S	SSE	S	S	SSE	S	S	SSE	S	S	SSW	SSW	S	02 CST	
7	SW	N	NW	NW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SSE	01 CST	
8	SSE	S	SE	E	ESE	F	SE	SE	SSE	SSE	S	S	S	SSE	S	S	SSE	S	S	SSE	S	S	S	S	SSE	21 CST	
9	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	02 CST	
10	N	NNE	N	N	N	N	N	NNE	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	01 CST	
11	W	NW	NW	C	NNW	NE	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	21 CST	
12	NW	C	N	NNW	ENE	NNF	NE	NNE	ENE	ESE	E	ENE	ENE	E	ENE	ENE	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	02 CST	
13	SE	SE	SE	SE	SSE	SSP	S	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SE	10 CST	
14	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SSW	10 CST	
15	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	10 CST	

HOURLY 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.	21.	22.	23.
1	2	0	0	0	0	0	0	0	1	2	4	6	8	11	12	13	14	13	12	11	11	10	11	10
2	10	8	6	5	4	4	5	4	3	3	4	6	6	7	7	7	7	6	6	7	7	7	7	8
3	9	9	9	9	8	7	7	4	3	5	7	9	10	11	12	12	11	11	11	10	9	8	8	8
4	7	7	8	8	9	10	10	10	10	11	14	16	17	19	20	20	18	16	11	9	6	7	7	8
5	7	6	6	7	7	3	4	5	5	8	11	15	18	21	23	24	23	21	19	16	14	14	13	11
6	11	9	7	7	7	7	7	8	7	8	10	12	14	15	16	17	16	15	12	11	9	8	8	8
7	5	4	4	0	1	2	3	3	3	3	4	5	5	6	7	6	5	5	4	1	3	3	2	2
8	2	1	1	1	0	0	-1	-1	0	1	1	2	3	3	4	4	4	3	3	3	3	2	2	1
9	1	1	1	-1	-2	-4	-5	-5	-6	-2	2	4	5	6	7	6	5	4	3	1	0	0	0	0
10	-2	1	1	1	0	-2	-1	0	-1	0	1	2	2	2	3	3	3	1	-1	-1	-2	-1	-2	-1
11	-1	-3	-2	-2	-2	-2	-2	-3	-3	-2	-1	0	1	1	1	1	0	-1	-1	-2	-1	-2	-2	-2
12	-3	-4	-4	-4	-4	-5	-4	-4	-4	-4	-3	-1	-1	0	1	1	0	-3	-4	-5	-7	-7	-7	-7
13	-9	-8	-7	-9	-10	-9	-9	-9	-8	-8	-5	-3	-2	-1	0	-1	-2	-3	-4	-5	-5	-5	-5	-5
14	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-2	1	3	6	7	6	3	3	1	0	1	1	2	3
15	3	1	1	1	-1	-2	-4	-3	-4	-1	2	6	8	10	11	12	10	6	6	4	4	4	4	4
16	6	6	6	5	4	4	4	4	4	6	7	10	11	10	10	10	10	9	9	8	6	5	4	2
17	1	1	1	1	-2	-2	-2	-3	-2	-1	2	5	5	6	6	6	5	4	3	2	2	1	1	2
18	2	1	1	0	-1	0	1	-2	-2	0	2	4	5	6	6	5	4	4	3	2	3	2	2	2
19	0	0	0	1	1	1	0	0	0	-1	0	0	0	1	0	0	0	0	0	0	-1	-1	-1	-2
20	-3	-4	-5	-6	-6	-6	-6	-6	-8	-9	-6	-4	-3	-2	-2	-2	-3	-2	-2	-2	-2	-3	-3	-6
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24	-17	-18	-17	-18	-19	-18	-19	-19	-19	-16	-14	-12	-11	-11	-11	-11	-12	-14	-14	-14	-14	-15	-15	-16
25	-17	-18	-19	-19	-19	-17	-17	-17	-18	-16	-15	-12	-11	-10	-10	-10	-11	-13	-13	-14	-15	-15	-16	-16
26	-16	-17	-17	-17	-17	-17	-17	-17	-17	-16	-14	-11	-10	-9	-8	-8	-8	-9	-9	-10	-11	-11	-12	-12
27	-13	-13	-13	-13	-11	-11	-11	-11	-10	-10	-9	-8	-7	-7	-6	-6	-7	-7	-7	-7	-7	-7	-7	-8
28	-8	-8	-8	-8	-8	-8	-8	-8	-8	-7	-6	-5	-5	-5	-5	-5	-6	-6	-5	-5	-5	-6	-6	-6
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30	-13	-13	-14	-13	-14	-15	-16	-17	-18	-19	-18	-17	-17	-17	-16	-17	-18	-18	-19	-20	-22	-21	-22	-24

MEAN -2.4 -2.9 -3.0 -3.3 -3.7 -3.9 -4.1 -4.4 -4.6 -3.4 -1.7 0 .9 1.6 2.2 2.1 1.5 .3 -.6 -1.3 -2.0 -2.2 -2.3 -2.7