



Fisheries and Environment Canada

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Atmospheric Environment

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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS FEBRUARY / FEVRIER

1979

AT/A WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

MAR 28 1979

LAT: 49° 54'N		LONG: 97° 14'W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: M MÈTRES (NMM)		STANDARD TIME USED: HEURE NORMALE UTILISÉE: CENTRAL											
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 DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION		
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%		mm	cm	mm		km/h		km/h		
1	-19.9	-27.0	-23.5	41.5	0.0	95	66					35	18.9	SSW	S 26*	7.3	
2	-22.5	-31.0	-26.8	44.8	0.0	87	62					34	8.1	W	WNW17	7.7	
3	-22.9	-34.0	-28.5	46.5	0.0	100	64			0.6	0.6	34	18.6	N	N 35	3.2	
4	-25.4	-36.2	-30.8	48.8	0.0	91	58			Tr.	Tr.	34	15.4	NW	NW 26	7.1	
5	-18.5	-26.6	-22.6	40.6	0.0	83	67			1.8	1.8	34	23.5	ESE SSE	S 30	0.0	
6	-18.8	-31.3	-25.1	43.1	0.0	87	69			0.2	0.2	35	22.4	NNE	NNE 33*	5.1	
7	-25.5	-33.6	-29.6	47.6	0.0	89	68					35	10.5	NE	NNE 19*	7.9	
8	-23.9	-29.6	-29.6	47.6	0.0	90	63			Tr.	Tr.	35	8.9	calm	SSW 22	4.0	
9	-24.6	-30.9	-27.8	45.8	0.0	87	70			Tr.	Tr.	35	9.1	NE	NW 20*	9.0	
10	-17.7	-25.3	-21.5	39.5	0.0	88	66			1.6	1.4	35	18.9	SE	SSE 31	0.0	
11	-19.4	-28.4	-23.9	41.9	0.0	95	53					36	11.9	NNW	NNW 19*	4.0	
12	-20.4	-33.1	-26.8	44.8	0.0	88	68			2.4	2.4	36	8.1	NNW	NNE 19	0.4	
13	-14.2	-32.8	-23.5	41.5	0.0	88	68			6.0	5.6	38	13.0	SE	SE 24*	0.0	
14	-13.6	-25.5	-19.6	37.6	0.0	86	75			0.4	0.2	43	19.6	N	N 39	5.2	
15	-25.4	-33.0	-29.2	47.2	0.0	86	73			Tr.	Tr.	43	28.8	NNW	NNW 41	9.1	
16	-26.0	-38.8	-32.4	50.4	0.0	93	73					43	3.8	calm	NW 17	6.5	
17	-14.3	-31.1	-22.7	40.7	0.0	87	65			Tr.	Tr.	43	30.2	S	S 50*	4.7	
18	-13.8	-18.3	-16.1	34.1	0.0	83	73					43	37.5	S	S 43*	4.4	
19	-11.1	-17.0	-14.1	32.1	0.0	87	71					43	17.5	S	S 37	5.2	
20	-11.2	-19.9	-15.6	33.6	0.0	86	73			Tr.	Tr.	42	9.4	N	NNE 20	5.3	
21	-9.6	-18.8	-14.2	32.2	0.0	88	74			1.3	1.3	43	15.7	NNE	NNE 26	8.0	
22	-7.6	-16.4	-12.0	30.0	0.0	92	80			4.2	4.2	43	23.7	NE	NNE 54	0.0	
23	-9.1	-26.9	-18.0	36.0	0.0	86	62			2.2	2.2	47	35.9	N	N 50	7.7	
24	-17.3	-31.0	-24.2	42.2	0.0	87	66			Tr.	Tr.	45	3.9	N	N 11	6.5	
25	-8.1	-19.0	-13.6	31.6	0.0	89	79			0.2	0.2	44	30.5	S	S 52	0.0	
26	-7.2	-13.4	-10.3	28.3	0.0	89	74					43	22.4	S	S 31*	4.9	
27	-7.5	-22.1	-14.8	32.8	0.0	87	70			Tr.	Tr.	43	24.5	NNE	NNE 41	4.8	
28	-13.6	-24.6	-19.1	37.1	0.0	81	72			Tr.	Tr.	42	20.4	NE	ENE 33	8.4	
29																	
30																	
31																	
MEAN MOYENNE	-16.8	-27.2	-22.0	1119.9	0.0	88	69			Nil	20.9	20.1	18.3	PREVAILING DOMINANTE	MAXIMUM NNE 54	TOTAL 136.4	
NORMAL NORMALE	-10.4	-21.1	-15.7	953.1	0.0			0.0	0.8	19.8	19.1	18.8	SOUTH	57	139.4		

DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS

DAYS WITH TOTAL PRECIPITATION:
JOURS AVEC PRÉCIPITATIONS TOTALES:

mm

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	DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES:					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE:				
								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	1119.9	999.2	953.1	TOTAL FOR MONTH TOTAL DU MOIS	0.0	Nil	Nil	11	7	4	0	0	11	7	4	0	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	4867.3	4612.7	4324.7	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1857.9	1930.7	1787.8										

UDC 551.506.1 (

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

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COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		FEBRUARY		19 79								
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		-7.2	26	-1.0	22 23	1.7	11.7	25	1958	-9.4	19	1875	108	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-38.8	16	-36.0	5	-33.9	-19.4	9	1878	-45.0	18	1966	108	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-22.0		-17.7		-15.7	-5.1		1878	-26.1		1875	108	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		N11		N11		0.8	10.2		1958	N11	(several)		108	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		20.9		8.7		19.8	89.9		1881	2.5		1903	108	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		20.1		7.5		19.1	89.9		1881	2.5		1903	108	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		11		8		10	15		1945	2		1900 1931	96	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		N11		N11			7.6	23	1958				108	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		6.0*	13	4.2	24		25.4	16	1921				108	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		5.6*	13	3.5	24		25.4	16	1921				108	
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		N11		N11			7.6	23	1958				108	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		18.3		16.4		18.8	23.8		1954	12.6		1929	59	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		NNE 54	22	NNE 43	24	57	NW 90	8	1960				41	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S 70	17	N 56	24	76	NW 129	20	1965				34	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		136.4		179.0		139.4	185.9		1907	80.5		1940	74	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		99.46		99.57		98.90	99.57		1978	98.26		1954	41	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		101.91	16	101.89	5	100.77	101.91	16	1979				41	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.91	5	97.12	24	96.59				95.11	8	1960	41	
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX (10) 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			
1970	4.4	-32.8	-16.2	N11	16.5	15.0	19.2	N, SSE 55	131.3	957.2				
1971	3.9	-32.8	-13.9	0.3	6.4	4.6	19.4	NW 56	141.0	891.7				
1972	1.7	-36.1	-19.3	N11	13.2	10.4	13.8 S	NNW 45	160.8	1083.3				
1973	2.2	-33.3	-13.9	0.8	6.6	6.4	16.6	S 48	140.4	893.9				
1974	1.7	-38.9	-17.6	0.3	11.7	11.2	15.0	N 47	155.2	996.7				
1975	1.2	-33.2	-16.7	0.5	19.0	15.6	15.8	NW 51	148.8	971.4				
1976	5.5	-31.1	-11.6	0.3	30.3	23.0	18.3	N 48	127.2	859.6				
1977	3.8	-33.7	-11.7	Tr.	23.5	20.9	16.7	N 56	122.7	830.2				
1978	-1.0	-36.0	-17.7	N11	8.7	7.5	16.4	NNE 43	179.0	999.2				
1979	-7.2	-38.8	-22.0	N11	20.9	20.1	18.3	NNE 54	136.4	1119.9				

*6.4 CM - February 22-23

*6.4 MM - February 22-23

Except for the eclipse on the 26th the cold weather was in the spotlight for most of the month. February with a mean of -22.0 turned out to be the coldest since 1936 and concluded a period starting back on November 1st to be the coldest four months since the winter of 1935-36 and the second coldest this century. The first 17 days saw the temperature stay below normal with the temperature dropping to -38.8 on the 16th. The high for the month was -7.2 on the 26th. 20.9 CM of snow fell, a little above the normal of 19.8. There was 136.4 hours of sunshine and an average wind of 18.3 KMH both near normal for the month. At month's end the depth of snow on the ground was 42 CM. A station pressure of 101.91 KPA on the 16th was a record high for the month, breaking the previous record of 101.89 set on the 5th of 1978.

DAILY WEATHER SUMMARY FOR FEBRUARY 1979

AT WINNIPEG, MANITOBA

1. Cold. Sunny. Ice crystals 4:57 a.m. to 10:50 a.m. Light ice fog and smoke in morning. Visibility restricted. Mostly light winds but some drifting snow.
2. Very cold. Sunny. Light winds. Light ice fog in morning. Visibility restricted. Smoke over the city.
3. Very cold. Partly cloudy. Snow 02:47 a.m. to 10:15 a.m. Ice crystals 3:41 a.m. to 3:20 p.m. Blowing snow 10:43 a.m. to 3:10 p.m. Light ice fog in morning. Smoke over the city. Visibility restricted morning and afternoon. Gusty north winds in the afternoon.
4. Very cold. Sunny. Ice crystals 8:30 a.m. to 11:21, 6:58 p.m. continued. Light ice fog in morning. Visibility restricted. Mostly light winds.
5. Cold. Cloudy. Ice crystals to 11:07 a.m. Snow 2:00 a.m. continued. Moderate winds, drifting snow. Visibility restricted.
6. Cold. Partly cloudy. Snow to 11:25 a.m. Ice crystals 11:25 a.m. to 3:55 p.m. Moderate winds. Blowing snow 08:00 a.m. to 2:40 p.m. Visibility severely reduced in the morning.
7. Very cold. Sunny. Heavy ice fog 7:55 a.m. to 9:55 a.m. Visibility severely reduced. Light winds.
8. Very cold. Partly cloudy. Ice crystals 6:52 a.m. to 11:50 a.m., 3:51 p.m. to 6:45 p.m. Heavy ice fog 7:30 a.m. to 10:22 a.m. Visibility severely reduced. Mostly light winds.
9. Very cold. Sunny. Ice crystals 8:46 a.m. to 10:50 a.m. Light winds. Light fog. Visibility reduced in the morning.
10. Cold. Cloudy. Snow 05:17 a.m. to 8:05 p.m. Ice crystals 8:05 p.m. continued. Mostly light winds, but some drifting snow. Visibility reduced in snow.
11. Cold. Partly cloudy. Ice crystals to 4:50 a.m. Light winds.
12. Very cold. Snow 11:45 a.m. to 4:35 p.m. Ice crystals 11:26 p.m. to 11:45 p.m. Light ice fog in morning and evening. Visibility restricted. Light winds. Cloudy
13. Very cold. Cloudy. Ice crystals to 9:45 a.m. Snow 11:34 a.m. continued. Ice fog in morning. Visibility restricted most of the day. Mostly light winds.
14. Below normal temperatures. Partly cloudy. Snow to 12:20 p.m., 8:40 p.m. to 9:25 p.m. Moderate winds. Drifting snow. Visibility restricted in the morning.
15. Very cold. Sunny. Snow 2:20 a.m. to 5:45 a.m. Ice crystals 5:45 a.m. to 9:45 a.m. Moderate winds, NNW gusts in morning. Blowing snow 8:41 a.m. to 12:15 p.m. Visibility restricted. Drifting snow.
16. Very cold. Record low high temperature. Sunny. Ice crystals 8:50 p.m. continued. Ice fog 10:44 a.m. to 11:18 a.m. Visibility severely restricted. Light winds.
17. Cold. Partly cloudy. Ice crystals to 00:50 a.m. Snow 5:05 p.m. to 5:54 p.m. Blowing snow 5:05 p.m. to 10:40 p.m. Gusty south winds. Drifting snow. Visibility slightly restricted.
18. Above normal temperatures. Partly cloudy. Gusty south winds. Blowing snow 8:15 p.m. continued. Visibility restricted afternoon and evening.
19. Above normal temperatures. Partly cloudy. Blowing snow to 00:15 a.m. Mostly light winds but gusty south winds in early morning with drifting snow.
20. Near normal temperatures. Partly cloudy. Light snow 10:47 p.m. continued. Mostly light winds.
21. Above normal temperatures. Sunny. Snow to 7:21 a.m. Mostly light winds but drifting snow early morning. Visibility restricted in snow.
22. Above normal temperatures. Cloudy. Snow 00:40 a.m. continued. Visibility restricted, afternoon and evening. Blowing snow 10:30 p.m. continued. Moderate and gusty north winds.
23. Below normal temperatures. Sunny. Snow to 8:35 a.m. Blowing snow to 12:05 p.m. Moderate and gusty north winds. Visibility restricted in morning.
24. Cold. Mostly sunny. Snow 7:55 p.m. to 10:30 p.m. Ice crystals 10:30 p.m. continued. Light winds.
25. Near normal temperatures. Cloudy. Ice crystals to 00:33 a.m. Snow 00:33 a.m. to 12:20 p.m. Moderate winds, gusty south winds in afternoon. Blowing snow 12:25 p.m. to 8:15 p.m. Visibility reduced.
26. Above normal temperatures. Mostly sunny. Moderate winds. Gusty south winds, drifting snow early in morning. During eclipse temperature dropped 1 to 2°C in southern Manitoba, wind not noticeably affected.
27. Below normal temperatures. Partly cloudy. Snow 7:53 a.m. to 10:18 a.m. Blowing snow 6:29 p.m. to 6:38 p.m. Light fog in morning. Visibility reduced. Moderate winds. Gusty northeast wind in evening.
28. Below normal temperatures. Mostly sunny. Snow 6:40 p.m. continued. Moderate winds.

FEBRUARY 1979

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF FEBRUARY 1979
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.	-24.6	-25.0	-25.2	-25.2	-24.5	-23.9	-23.9	-24.6	-24.6	-20.4	-22.4	-23.5	-23.4	-22.4	-21.3	-20.2	-20.1	-21.7	-23.2	-23.7	-24.6	-25.3	-25.9	-26.7
2.	-27.0	-28.2	-28.1	-27.0	-28.0	-29.5	-29.5	-30.0	-29.6	-30.2	-29.0	-28.0	-26.7	-25.0	-25.0	-24.3	-24.6	-25.5	-27.5	-28.0	-28.0	-28.0	-28.0	-28.6
3.	-30.8	-29.6	-28.2	-28.4	-27.5	-26.7	-27.1	-27.2	-28.0	-26.9	-26.5	-25.8	-24.3	-23.4	-23.5	-23.5	-24.3	-25.8	-27.6	-29.5	-30.5	-31.0	-32.5	-32.5
4.	-31.8	-32.4	-32.5	-33.4	-33.6	-34.1	-34.6	-34.3	-35.4	-33.7	-32.6	-31.0	-30.0	-29.0	-26.9	-26.6	-26.4	-26.8	-28.2	-28.2	-28.2	-27.2	-26.6	-26.6
5.	-26.6	-26.0	-25.9	-25.2	-24.8	-24.0	-23.9	-23.7	-23.8	-33.7	-21.7	-22.0	-21.6	-21.2	-20.5	-20.2	-19.7	-19.5	-19.4	-19.2	-18.7	-18.7	-18.8	-18.8
6.	-19.0	-19.2	-19.4	-19.9	-20.2	-20.1	-20.2	-20.6	-20.9	-21.2	-21.3	-21.3	-21.6	-21.9	-21.7	-21.7	-23.0	-23.3	-25.5	-26.3	-27.5	-29.0	-30.0	-30.0
7.	-31.3	-31.2	-31.0	-31.0	-31.3	-31.5	-31.3	-32.4	-33.2	-32.6	-33.6	-31.6	-29.4	-27.8	-26.6	-25.9	-26.0	-27.0	-27.0	-28.2	-28.5	-28.5	-30.5	-30.5
8.	-32.5	-32.5	-33.4	-33.1	-34.4	-34.8	-34.5	-34.3	-34.6	-32.0	-31.2	-27.6	-26.7	-25.6	-25.1	-25.6	-24.9	-24.5	-23.9	-24.4	-25.0	-25.6	-26.0	-26.0
9.	-25.9	-25.6	-27.5	-28.8	-30.0	-30.0	-29.5	-29.5	-30.5	-30.8	-29.7	-27.7	-27.3	-26.8	-26.1	-25.4	-24.9	-25.5	-28.6	-28.9	-30.4	-27.7	-25.7	-25.7
10	-24.8	-25.3	-24.3	-23.3	-23.6	-22.8	-22.3	-22.1	-21.8	-21.5	-21.0	-20.5	-20.2	-19.5	-18.6	-18.3	-18.0	-17.7	-18.0	-18.3	-19.5	-19.7	-20.5	-20.7
11	-19.5	-20.0	-20.3	-20.8	-21.0	-21.1	-21.4	-26.7	-28.2	-26.8	-25.7	-24.6	-24.8	-24.2	-23.6	-22.9	-23.6	-24.7	-25.4	-25.2	-24.4	-23.8	-24.3	-24.2
12	-24.4	-24.7	-24.8	-25.1	-25.1	-25.2	-25.3	-25.1	-24.4	-23.3	-22.0	-21.2	-21.0	-22.0	-22.2	-21.9	-21.9	-23.2	-26.6	-29.3	-30.9	-31.6	-31.2	-33.1
13	-32.7	-31.8	-31.2	-32.0	-29.5	-28.2	-27.7	-28.5	-27.8	-25.3	-22.4	-21.8	-21.1	-19.6	-18.6	-18.3	-17.9	-17.5	-17.0	-16.4	-16.2	-15.8	-15.4	-14.6
14	-14.2	-13.8	-13.7	-14.3	-15.1	-15.6	-16.0	-16.1	-16.2	-15.8	-14.6	-15.0	-15.1	-14.9	-14.9	-15.8	-16.3	-17.6	-17.5	-19.8	-21.7	-22.5	-24.1	-24.8
15	-25.5	-26.0	-25.6	-26.6	-26.6	-26.7	-28.1	-29.1	-30.0	-29.9	-30.0	-28.2	-28.6	-27.9	-27.5	-27.3	-27.3	-27.5	-29.3	-30.2	-33.0	-31.4	-32.1	-31.5
16	-32.8	-33.8	-33.6	-36.1	-36.7	-36.9	-36.7	-38.7	-37.9	-36.0	-34.8	-32.0	-31.2	-29.1	-28.0	-26.6	-27.5	-28.0	-28.6	-29.8	-31.5	-29.3	-29.0	-29.9
17	-29.3	-30.0	-29.3	-29.6	-31.1	-29.0	-28.9	-26.7	-26.9	-25.3	-24.1	-21.5	-20.1	-18.4	-17.7	-16.7	-15.8	-14.6	-15.0	-14.7	-15.0	-14.5	-14.5	-15.3
18	-15.7	-16.0	-16.6	-16.7	-17.2	-17.5	-17.7	-18.2	-18.3	-17.9	-17.1	-16.7	-16.1	-15.6	-15.5	-15.2	-15.2	-14.8	-14.6	-14.5	-14.3	-14.4	-14.4	-14.9
19	-15.0	-14.9	-15.1	-15.3	-15.6	-16.0	-16.5	-16.9	-16.9	-16.0	-15.0	-13.8	-13.1	-12.2	-11.6	-11.6	-11.6	-11.6	-12.6	-13.3	-14.2	-14.5	-14.5	-15.2
20	-15.7	-17.8	-17.3	-18.7	-18.7	-19.3	-19.6	-19.5	-18.6	-17.1	-16.0	-15.4	-13.5	-13.1	-11.7	-11.5	-11.6	-11.8	-12.4	-12.8	-12.2	-11.9	-12.0	-12.2
21	-12.5	-12.9	-13.3	-13.5	-13.4	-13.5	-13.4	-13.8	-14.3	-14.7	-14.8	-13.6	-12.4	-11.1	-10.3	-10.0	-10.9	-12.5	-12.9	-15.9	-18.0	-18.4	-18.6	-17.8
22	-16.3	-15.5	-14.8	-14.2	-14.0	-13.9	-13.8	-13.3	-13.1	-13.1	-12.4	-12.0	-11.0	-9.6	-8.3	-7.9	-7.9	-8.1	-8.1	-8.3	-8.4	-8.5	-8.9	-9.6
23	-9.1	-10.0	-11.5	-13.0	-14.1	-15.0	-15.7	-16.4	-17.0	-17.3	-18.0	-18.3	-17.9	-17.5	-16.8	-16.6	-16.5	-17.3	-17.8	-21.3	-21.4	-21.8	-23.5	-26.2
24	-26.5	-26.3	-28.2	-27.6	-30.1	-29.5	-30.8	-30.3	-27.4	-26.1	-25.0	-25.2	-22.8	-21.8	-21.0	-20.0	-19.3	-18.6	-19.0	-19.3	-17.4	-17.5	-17.9	-18.4
25	-18.9	-18.9	-17.6	-17.1	-17.5	-17.1	-16.5	-16.3	-16.2	-15.9	-15.3	-14.3	-12.8	-11.6	-10.7	-10.5	-9.3	-9.0	-8.7	-8.6	-8.4	-8.8	-9.4	-8.5
26	-9.9	-9.0	-9.6	-10.4	-10.7	-10.4	-10.5	-11.6	-11.8	-11.1	-10.2	-11.0	-9.2	-8.3	-7.5	-7.7	-7.2	-7.7	-8.2	-8.4	-7.9	-8.3	-9.0	-9.2
27	-9.3	-9.4	-9.7	-10.1	-10.7	-11.4	-11.1	-11.3	-10.5	-9.3	-8.0	-7.7	-7.9	-8.1	-8.5	-10.0	-11.2	-13.0	-14.8	-16.6	-18.5	-20.0	-21.2	-21.2
28	-22.1	-22.5	-22.5	-22.9	-23.6	-23.8	-23.8	-23.8	-24.4	-24.4	-23.5	-22.4	-22.1	-20.2	-19.5	-18.5	-18.0	-18.6	-19.6	-19.2	-18.0	-14.6	-14.3	-14.0
MEAN	-22.1	-22.3	-22.4	-22.7	-23.1	-23.0	-23.1	-23.5	-23.6	-22.7	-22.0	-21.2	-20.4	-19.5	-18.8	-18.4	-18.4	-18.9	-19.7	-20.5	-21.0	-20.9	-21.3	-21.6

HOURLY WEIBULR TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF FEBRUARY 1979

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.	-24.5	-24.9	-25.2	-25.2	-24.5	-23.9	-23.9	-24.6	-24.6	-20.3	-22.4	-23.5	-23.5	-22.5	-21.5	-20.5	-20.4	-21.9	-23.2	-23.7	-24.5	-25.1	-25.7	-26.6	
2.	-26.9	-28.1	-28.0	-26.9	-27.9	-28.7	-29.4	-29.9	-29.5	-30.1	-29.0	-28.0	-26.7	-25.1	-25.1	-24.5	-24.8	-25.7	-27.6	-28.0	-28.0	-28.0	-28.0	-28.5	-30.7
3.	-30.7	-29.5	-28.1	-28.3	-27.4	-26.6	-27.0	-27.1	-27.9	-26.8	-26.5	-25.8	-25.6	-24.5	-23.5	-23.7	-24.4	-25.9	-27.6	-29.3	-30.3	-30.8	-32.4	-32.4	
4.	-31.7	-32.3	-32.4	-33.3	-33.5	-34.0	-34.5	-34.2	-35.3	-33.6	-32.5	-30.9	-29.9	-29.0	-27.0	-26.7	-26.5	-27.0	-28.3	-28.2	-28.1	-27.1	-26.6	-26.6	
5.	-26.6	-26.0	-25.9	-25.2	-24.8	-24.0	-23.9	-23.7	-23.8	-23.4	-21.9	-22.2	-21.7	-21.4	-20.7	-20.4	-20.0	-19.7	-19.6	-19.3	-18.9	-18.9	-18.8	-18.8	
6.	-19.0	-19.3	-19.5	-20.0	-20.2	-20.1	-20.2	-20.6	-20.9	-21.3	-21.4	-21.4	-21.7	-22.0	-21.9	-21.8	-22.0	-23.3	-25.5	-26.3	-27.5	-29.0	-29.9	-29.9	
7.	-31.2	-31.1	-30.9	-30.9	-31.2	-31.4	-31.2	-32.3	-33.1	-32.5	-33.5	-31.5	-29.3	-27.8	-26.7	-26.0	-26.1	-27.0	-27.0	-28.2	-28.5	-28.5	-30.5	-30.5	
8.	-32.5	-32.4	-33.3	-33.0	-34.3	-34.7	-34.4	-34.2	-34.5	-30.9	-31.1	-27.6	-26.8	-25.7	-25.3	-25.7	-25.0	-24.7	-24.0	-24.4	-25.0	-25.6	-26.0	-26.0	
9.	-25.9	-25.6	-27.4	-28.7	-29.9	-29.9	-29.4	-29.4	-30.4	-30.7	-29.6	-27.6	-27.2	-26.8	-26.1	-25.5	-25.0	-25.6	-28.5	-28.8	-30.3	-27.6	-26.9	-25.7	
10.	-24.8	-25.3	-24.4	-23.5	-23.8	-23.0	-22.5	-22.2	-21.9	-21.5	-21.0	-20.5	-20.2	-19.5	-18.7	-18.5	-18.1	-17.8	-18.1	-18.4	-19.5	-19.7	-20.4	-20.6	
11.	-19.4	-19.9	-20.3	-20.8	-21.1	-21.2	-21.4	-26.5	-28.1	-26.7	-25.7	-25.7	-25.0	-24.4	-23.9	-23.3	-23.8	-24.8	-25.4	-25.2	-24.4	-23.8	-24.3	-24.3	
12.	-24.4	-24.7	-24.8	-25.1	-25.1	-25.2	-25.3	-25.1	-24.4	-23.3	-22.1	-21.4	-21.2	-22.2	-22.4	-22.1	-22.1	-23.3	-26.6	-29.2	-30.8	-31.5	-31.1	-33.0	
13.	-32.6	-31.7	-31.1	-31.9	-29.4	-28.1	-27.6	-28.4	-27.7	-25.3	-22.5	-22.0	-21.2	-19.7	-18.7	-18.4	-18.0	-17.6	-17.1	-16.4	-16.2	-15.8	-15.4	-14.7	
14.	-14.3	-14.0	-13.8	-14.4	-15.2	-15.6	-16.0	-16.2	-16.2	-15.8	-14.7	-15.1	-15.2	-15.0	-15.0	-15.9	-16.4	-17.8	-17.7	-19.9	-21.7	-22.5	-24.1	-24.8	
15.	-25.5	-26.0	-25.6	-26.6	-26.6	-26.7	-28.0	-29.0	-30.0	-29.9	-30.0	-29.2	-28.6	-27.9	-27.5	-27.3	-27.3	-27.5	-29.3	-30.2	-33.0	-31.4	-32.1	-31.5	
16.	-32.8	-33.7	-33.5	-36.0	-36.6	-36.8	.0	.0	-35.9	-34.7	-31.9	-31.1	-29.0	-28.0	-28.0	-26.6	-27.5	-28.0	-28.6	-29.7	-31.4	-29.3	-29.0	-29.9	
17.	-29.2	-30.0	-29.3	-29.6	-31.0	-29.0	-28.9	-26.8	-27.0	-25.4	-24.3	-21.6	-20.2	-18.6	-17.9	-16.9	-16.0	-14.8	-15.2	-14.8	-15.1	-14.8	-14.8	-15.5	
18.	-15.8	-16.1	-16.7	-16.8	-17.3	-17.6	-17.8	-18.3	-18.4	-18.0	-17.2	-17.0	-16.3	-15.9	-15.7	-15.4	-15.4	-15.0	-14.7	-14.6	-14.5	-14.5	-14.5	-15.0	
19.	-15.1	-15.0	-15.2	-15.4	-15.7	-16.0	-16.5	-17.0	-17.0	-16.1	-15.2	-14.7	-13.5	-12.6	-12.1	-12.2	-12.1	-12.0	-12.9	-13.5	-14.5	-14.5	-14.6	-15.3	
20.	-15.8	-17.9	-17.3	-18.7	-18.7	-19.3	-19.6	-19.5	-18.7	-17.2	-16.2	-15.5	-13.8	-13.4	-12.0	-11.9	-12.1	-12.3	-12.7	-12.9	-12.3	-12.3	-12.3	-12.4	
21.	-12.6	-13.0	-13.4	-13.5	-13.5	-13.6	-13.5	-13.9	-14.4	-14.8	-14.9	-13.8	-12.6	-11.4	-10.7	-10.6	-11.4	-12.8	-13.1	-16.0	-18.1	-19.4	-18.6	-17.8	
22.	-16.3	-15.5	-14.9	-14.4	-14.1	-14.1	-14.0	-13.5	-13.3	-13.2	-12.6	-12.3	-11.2	-9.8	-8.5	-8.2	-8.2	-8.3	-8.2	-8.4	-8.4	-8.6	-9.0	-9.7	
23.	-9.3	-10.2	-11.6	-13.1	-14.2	-15.0	-15.8	-16.5	-17.0	-17.4	-18.1	-18.4	-18.0	-17.6	-17.0	-16.8	-16.7	-17.5	-18.1	-21.3	-21.6	-22.1	-23.7	-26.3	
24.	-26.6	-26.3	-28.2	-27.6	-30.0	-29.4	-30.7	-30.2	-27.1	-26.1	-25.0	-24.3	-23.0	-22.0	-21.2	-20.2	-19.5	-18.8	-19.0	-19.3	-17.6	-17.7	-18.1	-18.4	
25.	-19.0	-18.9	-17.6	-17.2	-17.6	-17.1	-16.6	-16.4	-16.3	-16.0	-15.4	-14.5	-13.0	-11.8	-10.9	-10.7	-10.0	-9.2	-8.9	-8.8	-8.6	-8.9	-9.5	-8.6	
26.	-9.0	-9.1	-9.7	-10.5	-10.8	-10.5	-10.6	-11.6	-11.8	-11.3	-10.5	-11.2	-9.5	-8.9	-8.1	-8.2	-8.0	-8.2	-8.7	-8.8	-8.2	-8.5	-9.2	-9.4	
27.	-9.5	-9.6	-9.9	-10.3	-10.9	-11.5	-11.2	-11.4	-10.6	-9.7	-8.5	-8.3	-8.6	-8.4	-9.0	-9.2	-10.5	-11.5	-13.2	-15.0	-16.8	-18.6	-20.1	-21.3	
28.	-22.1	-22.5	-22.5	-22.9	-23.6	-23.8	-23.8	-24.4	-24.4	-24.4	-23.6	-22.7	-22.2	-20.4	-19.7	-18.7	-18.2	-18.7	-19.7	-19.4	-18.1	-14.9	-14.5	-14.2	
MEAN	-22.2	-22.4	-22.4	-22.8	-23.1	-23.0	-22.7	-23.0	-23.1	-22.7	-22.0	-21.3	-20.5	-19.7	-19.0	-18.7	-18.7	-19.1	-19.8	-20.5	-21.0	-20.9	-21.3	-21.7	

1979

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

ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

HOUR	STARTING																								PEAK HOUR	GUSTS	
	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	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	S	39	06 CST
2	WSW	W	WNW	WNW	W	W	W	W	W	W	W	W	W	C	NNW	C	SSW	SSW	S	C	SSW	SSW	SSW	SSW	S	39	06 CST
3	S	S	S	SSE	SE	E	E	ENE	NE	NE	NNE	NNE	N	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	N	43	14 CST
4	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	WNW	W	WNW	W	WSW	SSW	SSW	S	S	SSW	SSW	NW	35	03 CST
5	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	ESE	SE	ESE	ESE	ESE	SE	ESE	ESE	ESE	E	44	03 CST	
6	E	F	ENE	ENE	NE	NNE	NNE	NNE	NNE	N	NNE	NNE	N	NNE	NNE	NNE	NNE	N	NNW	NNW	NNW	NNW	NNW	NNW	NNE	46	11 CST
7	NNW	NNW	NNE	NNE	NNE	C	NE	ENE	ENE	NE	N	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	F	NE	33	18 CST
8	C	C	NNE	NE	C	C	C	WNW	W	C	C	SW	WSW	SW	S	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	W	33	18 CST
9	NW	NW	NW	C	C	C	NNE	C	C	NNW	N	NE	NE	NE	NNE	NNE	NE	NE	N	NE	ENE	E	E	E	41	09 CST	
10	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	C	41	09 CST
11	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	41	09 CST
12	NNE	NE	NNE	ENE	E	NE	ENE	C	C	SSE	S	C	N	NNE	C	N	NNE	C	N	NNW	NNW	NNW	NNW	NNW	N	41	09 CST
13	ENE	NE	C	ENE	ENE	ENE	NE	NE	C	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	37	00 CST
14	SE	SE	SSE	WSW	W	WNW	WNW	NNW	C	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	50	20 CST
15	NNW	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	54	10 CST

