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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS FEBRUARY / FEVRIER

19 82

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

LAT 49 54' N		LONG 97 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE CENTRAL												
DATE	TEMPERATURE TEMPERATURE			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. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION		BRIGHT SUNSHINE INSOLATION EFFECTIVE			
	°C	°C	°C	BASE 18°C	BASE 5°C	%	%	mm	cm	mm	cm	km/h		km/h	HOURS HEURES					
1	-16.0	-25.9	-21.0	39.0	0.0	86	59			1.0	0.4	10	13.6	S,NW	NW 33	4.1				
2	-21.1	-32.3	-26.7	44.7	0.0	76	59			Tr.	Tr.	9	16.4	NW	NNW35	8.9				
3	-23.8	-32.4	-28.1	46.1	0.0	88	59					9	13.2	SSW	W19*	8.5				
4	-23.0	-30.7	-26.9	44.9	0.0	87	57			Tr.	Tr.	9	12.2	W	WNW19*	8.6				
5	-23.4	-34.0	-28.7	46.7	0.0	89	62			Tr.	Tr.	9	11.3	SSW	SSW17*	8.6				
6	-12.7	-28.3	-20.5	38.5	0.0	83	72			0.7	0.7	9	25.1	S	S37	0.4				
7	-13.3	-22.8	-18.1	36.1	0.0	83	69			0.4	0.4	9	18.3	W	NW30	5.3				
8	-18.3	-28.5	-23.4	41.4	0.0	86	66			0.4	0.2	8	18.5	W	WNW28	1.6				
9	-21.0	-30.2	-25.6	43.6	0.0	86	50			Tr.	Tr.	8	17.4	WSW	WSW22*	9.3				
10	-14.6	-23.6	-19.1	37.1	0.0	74	59					8	18.6	SW	SSW31	3.7				
11	-14.3	-20.1	-17.2	35.2	0.0	78	61					8	12.8	WNW	WNW20*	7.6				
12	-13.7	-26.5	-20.1	38.1	0.0	87	60			Tr.	Tr.	8	6.7	W	W13	7.4				
13	-12.0	-25.0	-18.5	36.5	0.0	82	53			Tr.	Tr.	8	5.8	N	ESE15	7.9				
14	-5.0	-14.2	-9.6	27.6	0.0	89	70		0.2	0.9	1.1	8	27.5	SE	SSE52	0.0				
15	-10.1	-19.2	-14.7	32.7	0.0	83	69			0.2	0.2	8	12.6	N	N33	6.3				
16	1.0	-10.8	-4.9	22.9	0.0	86	60					8	27.9	SE	SE37*	2.4				
17	3.3	0.1	1.7	16.3	0.0	98	75			0.2	0.2	7	29.5	S	S50	3.7				
18	1.1	-4.6	-1.8	19.8	0.0	98	85			Tr.	Tr.	6	12.1	WNW	WNW22	0.8				
19	5.0	-4.0	0.5	17.5	0.0	98	73			Tr.	Tr.	6	25.2	S	S43	5.5				
20	1.6	-5.2	-1.8	19.8	0.0	95	77					5	12.8	WNW	WNW22	10.0				
21	6.0	-6.1	-0.1	18.1	0.0	95	70					4	25.3	SSE	S50	5.2				
22	-0.2	-16.3	-8.3	26.3	0.0	90	63			Tr.	Tr.	3	29.7	N	WNW39	1.8				
23	-10.0	-18.0	-14.0	32.0	0.0	79	56					3	14.8	NE	NE22	1.7				
24	-7.2	-15.4	-11.3	29.3	0.0	86	55					3	13.0	NNE	NNE20*	8.6				
25	-3.7	-16.3	-10.0	28.0	0.0	83	65			Tr.	Tr.	2	14.1	S	SSW26*	5.8				
26	-13.1	-19.1	-16.1	34.1	0.0	81	69			0.6	0.6	2	20.4	NNE	NNE31	0.0				
27	-6.1	-21.8	-14.0	32.0	0.0	75	49					2	20.5	E	E28*	3.2				
28	-2.3	-15.0	-8.7	26.7	0.0	92	69			Tr.	3.8	5	27.1	WNW	NW48	2.6				
29																				
30																				
31																				
MEAN MOYENNE	-9.5	-19.5	-14.5	TOTAL 911.0	TOTAL 0.0	86	64	TOTAL	TOTAL 0.4	TOTAL 8.2	TOTAL 7.8		17.9	PREVAILING W +	MAXIMUM SSE 52	TOTAL 139.5				
NORMAL NORMALE	-10.4	-21.1	-15.7	953.1	0.0	88	69	0.0	0.8	19.8	19.1	no end 23	18.8	S	57	139.4				
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	911.0	787.3
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 ^{er} JUILLET	4310.6	4120.5	4324.7	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 ^{er} AVRIL	1844.1	1916.3	1787.8													

UDC 551.506.1 (

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

+ prevailing direction by distance south

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CLIMATOLOGICAL SUMMARY FOR FEBRUARY 1982

AT WINNIPEG, MANITOBA

February was slightly warmer than normal while precipitation was well below normal. The 7.8 mm which fell was less than half the normal for the month. Sunshine was normal while the average wind was below normal. The warmest day was 6.0°C on the 21st while the coldest night was -34.0°C on the 5th.

DAILY WEATHER SUMMARY FOR FEBRUARY 1982

AT WINNIPEG, MANITOBA

All Times Central Standard
Not Daylight

1. Below normal temp. Sunny becoming cloudy late afternoon. Snow 6.10 PM to 10.40 PM. Ice crystals 8.22 PM continued. Mostly light winds but NW gust to 41 Km/hr late evening. Drifting snow.
2. Cold. Sunny. Ice crystals to 01.50 AM. Mostly light winds but NNW gust to 43 Km/hr early morning. Drifting snow.
3. Very cold. Sunny. Light winds. Ice fog in morning. Visibility restricted. Smoke over city late evening.
4. Very cold. Sunny. Light winds. Ice crystals 00.17 AM to 11.45 AM 9.32 PM continued. Ice fog in morning. Smoke over city in evening.
5. Very cold. Sunny. Ice crystals to 8.17 AM, 10.16 AM to 1.05 PM Heavy ice fog 8.17 AM to 8.50 AM. Light ice fog rest of morning. Light winds.
6. Cold. Cloudy. Snow 10.22 AM to 10.23 PM. Blowing snow 11.43 AM to 11.48 AM. Drifting snow morning to evening - visibility restricted. Moderate S. winds with gust to 52 Km/hr in morning.
7. Near normal temp. Partly cloudy. Snow 10.13 AM to 8.46 PM. Ice crystals 8.58 PM continued. Drifting snow. Mostly light winds but NW gust to 39 Km/hr in morning.
8. Cold. Mostly cloudy. Ice crystals to 6.11 AM. 7.58 PM continued. Snow 7.50 AM to 9.12 AM, 12.30 PM to 5.15 PM. Mostly light winds but WNW gust to 35 Km/hr in afternoon. Visibility restricted in snow. Drifting snow afternoon and evening.
9. Cold. Sunny. Ice crystals to 6.45 AM. Mostly light winds but WSW gust to 31 Km/hr in afternoon.
10. Below normal temp. Partly cloudy. Mostly light winds but S gust to 41 Km/hr in afternoon. Drifting snow afternoon and evening.
11. Slightly above normal temp. Mostly sunny. Mostly light winds.
12. Below normal temp. Mostly sunny. Ice crystals 01.41 to 12.50 PM. 10.15 PM continued. Light winds. Fog over city in morning. Smoke over city in evening.
13. Below normal temp. Mostly sunny. Ice crystals to 00.13 AM - 4.49 AM to 1.47 PM. Light winds. Ice fog in morning. Visibility restricted. Smoke over the city.
14. Mild. Cloudy. Snow 00.42 AM to 2.23 PM. Freezing rain 11.32 AM to 3.38 PM. Ice pellets 1.53 PM to 3.49 PM. Blowing snow 10.12 AM to 1.31 PM. Drifting snow. Light fog afternoon and early evening. Visibility restricted till mid evening. Moderate winds with SSE gust to 72 Km/hr in afternoon. Roads icy.
15. Above normal temp. Sunny becoming cloudy late afternoon. Snow 6.46 PM continued. Mostly light winds but N gust to 43 Km/hr in morning.
16. Mild. Mostly cloudy. Snow to 6.22 AM. Moderate winds with S gust to 65 Km/hr in late evening. Drifting snow in morning
17. Mild. Mostly cloudy. Record high minimum temp. Rain 00.24 to 4.11 AM, 7.32 PM to 7.38 PM. Drizzle 02.01 AM to 6.21 AM. Ice pellets 7.40 PM to 8.07 PM. Snow 7.35 PM to 8.07 PM. Heavy fog 7.00 AM to 7.45 AM. Light fog till early afternoon. Visibility restricted. Moderate winds with SSE gust to 69 Km/hr in morning.
18. Mild. Cloudy. Drizzle 4.15 AM to 7.59 AM. Freezing drizzle 7.59 AM to 8.11 AM. Drizzle 8.11 AM to 9.23 AM. Snow 7.37 AM to 7.46 AM. Heavy fog 8.50 PM continued. Light fog in morning - visibility restricted. Mostly light winds but WNW gust to 33 Km/hr in afternoon.
19. Mild. Partly cloudy. Freezing rain 10.27 AM to 10.30 AM. Heavy fog to 5.10 AM. Visibility restricted. Moderate winds with S gust to 65 Km/hr in late morning.
20. Still mild. Sunny. Heavy fog 10.04 PM continued. Visibility restricted late evening. Light winds.
21. Still very mild. Partly cloudy. Heavy fog till 01.01 AM. Moderate winds with S gust to 70 Km/hr in afternoon.
22. Above normal temp. Mostly cloudy. Snow flurries 5.45 AM to 6.15 AM. Snow 7.15 AM to 11.20 AM. Flurries 11.45 AM to 12.17 PM. Moderate winds with N gust to 52 Km/hr late morning. 2 men died of exposure near Nelson House when their snowmobile broke down. 2 women barely reached safety.
23. Near normal temp. Mostly cloudy. Mostly light winds NNE gust to 31 Km/hr in evening.
24. Above normal temp. Mostly sunny. Light winds.
25. Above normal temp. Partly cloudy. Snow 12.10 PM to 4.40 PM. Mostly light winds but SSW gust to 41 Km/hr in afternoon.
26. Below normal temp. Cloudy. Snow 5.45 AM to 6.09 PM. Moderate winds with NNE gust to 46 Km/hr late afternoon. Visibility restricted in snow. Drifting snow late morning and early afternoon.
27. Near normal temp. Partly cloudy. Moderate winds with SE gust to 44 Km/hr in evening.
28. Mild. Mostly cloudy. Snow 01.10 AM to 9.58 AM. Freezing drizzle 9.42 AM to 11.43 AM. Snow grains 9.58 AM to 10.18 AM. Snow pellets 10.18 AM to 12.15 PM. Snow 12.15 PM to 1.29 PM. Blowing snow 1.20 PM to 1.50 PM. Light fog in morning. Visibility restricted until mid afternoon. Drifting snow. Moderate winds with NW gust to 61 Km/hr in afternoon.

HOURLY WETBULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF FEBRUARY 1982 PAGE 5 YWG
 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.	-20.6	-21.4	-21.6	-23.0	-24.7	-25.2	-25.2	-25.4	-24.2	-23.9	-21.3	-20.1	-18.8	-17.3	-17.8	-17.8	-17.5	-17.7	-17.3	-17.4	-16.7	-16.8	-17.4	-18.2	9
2.	-21.3	-22.3	-24.3	-25.8	-27.7	-28.6	-29.1	-29.6	-30.4	-31.3	-30.3	-29.3	-29.0	-28.0	-27.2	-26.8	-26.2	-26.7	-26.7	-27.0	-27.4	-27.9	-28.4	-28.2	2
3.	-26.3	-28.3	-31.1	-31.9	-31.7	-31.5	-32.9	-32.2	-32.2	-31.7	-29.7	-28.6	-27.9	-26.6	-25.4	-25.0	-24.9	-24.4	-24.4	-25.3	-26.0	-26.1	-26.9	-27.2	2
4.	-26.6	-28.3	-30.6	-31.3	-31.8	-32.2	-32.9	-33.5	-33.0	-32.7	-30.1	-28.7	-27.5	-26.5	-25.6	-24.6	-24.4	-23.8	-24.3	-25.8	-26.6	-27.0	-27.8	-28.6	0
5.	-27.8	-27.6	-27.6	-27.6	-27.9	-26.6	-27.0	-27.0	-26.8	-25.8	-24.9	-21.9	-20.3	-17.8	-14.8	-13.6	-13.1	-13.2	-13.2	-13.4	-14.2	-14.5	-14.5	-15.3	3
6.	-22.7	-22.7	-22.3	-18.9	-17.7	-18.4	-18.3	-17.8	-18.4	-18.2	-18.0	-16.8	-15.9	-15.1	-14.2	-14.3	-14.5	-16.1	-16.1	-17.2	-17.8	-18.3	-18.3	-19.1	3
7.	-22.1	-22.8	-22.8	-22.4	-22.7	-22.3	-22.8	-23.9	-23.0	-22.6	-22.4	-21.4	-20.8	-20.3	-20.4	-20.2	-20.2	-22.1	-22.1	-22.6	-22.6	-22.6	-23.0	-23.0	0
8.	-23.3	-23.4	-22.6	-21.4	-21.4	-21.9	-22.5	-21.6	-21.8	-22.3	-21.0	-19.8	-18.3	-16.8	-16.7	-15.8	-15.4	-15.5	-15.5	-16.1	-17.0	-17.6	-18.0	-18.3	3
9.	-18.2	-16.1	-15.8	-16.3	-17.2	-18.4	-18.3	-19.4	-19.6	-19.8	-18.9	-18.1	-17.3	-16.9	-16.5	-15.3	-15.6	-16.0	-16.7	-17.8	-18.5	-18.5	-19.1	-19.1	5
10.	-19.6	-21.2	-22.8	-22.5	-22.2	-20.1	-20.2	-24.1	-23.4	-24.4	-24.9	-20.1	-17.8	-16.9	-16.9	-15.4	-15.3	-15.8	-17.4	-18.5	-20.4	-20.4	-20.5	-20.5	5
11.	-14.7	-14.0	-13.0	-14.7	-15.2	-16.7	-16.3	-18.5	-18.3	-19.5	-18.2	-15.4	-14.3	-13.3	-13.3	-14.5	-15.5	-16.0	-16.7	-17.5	-18.1	-18.4	-18.9	-19.9	9
12.	-11.3	-11.9	-12.0	-14.6	-16.1	-17.5	-18.3	-18.5	-18.6	-17.0	-16.3	-15.4	-14.3	-13.3	-13.3	-11.2	-11.1	-11.1	-11.1	-11.5	-11.2	-11.2	-11.2	-10.8	8
13.	-10.9	-10.8	-10.1	-9.7	-9.0	-8.3	-7.7	-7.3	-7.4	-7.0	-6.2	-5.3	-4.3	-3.2	-3.0	-2.4	-2.0	-2.0	-2.0	-1.3	-1.0	-1.0	-1.0	-1.0	7
14.	-4.4	-3.4	-3.0	-3.1	-3.0	-2.1	-2.2	-2.3	-2.3	-2.0	-1.3	-1.3	-1.7	-1.7	-1.7	-1.3	-1.3	-1.7	-1.9	-2.3	-2.3	-2.3	-2.3	-2.3	5
15.	-4.6	-3.6	-3.5	-3.4	-3.0	-2.2	-2.5	-2.9	-3.2	-4.6	-3.1	-1.1	-1.1	-1.0	-1.0	-0.8	-0.6	-1.0	-1.4	-1.8	-2.8	-3.0	-3.0	-3.0	5
16.	-5.0	-5.4	-6.0	-5.9	-5.0	-5.1	-4.4	-3.6	-3.4	-2.5	-1.7	-0.8	-0.0	-1.0	-1.0	-1.2	-1.9	-2.5	-3.2	-4.5	-5.0	-5.0	-5.0	-5.0	5
17.	-16.4	-16.8	-16.8	-17.2	-17.4	-17.8	-17.7	-17.7	-18.0	-17.2	-15.8	-14.6	-13.5	-12.9	-12.9	-11.9	-10.9	-10.7	-11.0	-12.0	-13.0	-14.0	-14.0	-14.0	5
18.	-12.5	-12.6	-12.6	-12.7	-12.8	-13.1	-13.6	-14.2	-14.4	-14.8	-14.9	-12.9	-11.8	-10.9	-10.7	-9.9	-9.7	-9.5	-9.5	-9.5	-9.3	-9.3	-9.3	-9.3	8
19.	-13.4	-13.9	-15.1	-15.9	-16.3	-16.5	-17.0	-17.1	-17.2	-17.0	-16.4	-15.2	-14.1	-14.4	-13.9	-13.9	-13.7	-14.2	-15.1	-16.0	-16.9	-17.0	-17.0	-17.0	8
20.	-19.2	-19.9	-20.9	-21.4	-21.9	-21.5	-20.4	-18.5	-17.3	-16.7	-15.5	-14.4	-13.1	-11.6	-11.6	-10.5	-9.3	-8.3	-8.3	-9.5	-10.9	-12.2	-13.0	-13.0	2
21.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
22.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
23.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
24.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
25.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
26.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
27.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
28.	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0
MEAN	-15.5	-15.7	-15.9	-16.2	-16.4	-16.7	-16.9	-17.0	-17.1	-16.7	-15.6	-14.4	-13.6	-12.9	-12.3	-11.8	-11.6	-11.9	-12.4	-13.0	-13.5	-14.1	-14.6	-15.0	0

