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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MARCH / MARS

19 80

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

LAT: 49° 54'N		LONG: 97° 14'W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÈTRES (NMM)		STANDARD TIME USED: CENTRAL HEURE NORMALE UTILISÉE:												
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATIONS PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE HEURES EFFECIVES		
	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	cm	km/h	km/h	km/h	HEURES			
1	-14.6	-30.7	-22.7	40.7		86	64		Tr.	Tr.	25	22.5	S	S	37*	7.9		
2	-7.5	-17.0	-12.3	30.3		85	71			0.2	Tr.	25	9.0	S	S	22	0.0	
3	-8.5	-23.6	-16.1	34.1		88	66			3.0	3.0	27	24.3	N	N	50	2.1	
4	-16.7	-27.0	-21.9	39.9		80	56					28	12.9	W	WNW	20*	10.1	
5	-11.5	-24.5	-18.0	36.0		84	60					28	21.2	W	W	26	10.2	
6	-12.2	-22.3	-17.3	35.3		82	62					28	14.9	WSW	WSW	30	10.2	
7	-10.3	-27.3	-18.8	36.8		86	60					26	9.1	S	S	20*	8.4	
8	-6.5	-16.0	-11.3	29.3		82	62					25	9.0	WNW	NW	24	8.1	
9	-3.8	-19.7	-11.8	29.8		91	72			2.8	2.6	22	23.9	S	NNW	56*	4.3	
10	-16.7	-23.0	-19.9	37.9		87	62					23	29.5	NW	NW	46	10.2	
11	-12.1	-28.7	-20.4	38.4		95	50			0.8	0.8	22	15.0	SE	SE	33*	6.4	
12	-5.0	-13.2	-9.1	27.1		90	70			6.0	6.0	26	28.7	S	SE	41	0.0	
13	-9.2	-22.2	-15.7	33.7		86	71					27	15.9	WNW	NW	30	8.0	
14	-7.0	-26.0	-16.5	34.5		94	69			Tr.	Tr.	27	4.2	calm	SE	26	8.6	
15	2.2	-7.2	-2.5	20.5		98	67		Tr.		Tr.	26	25.9	SE	SE	44	0.4	
16	-1.5	-11.8	-6.7	24.7		90	62			Tr.	Tr.	22	26.8	NW	NW	43	7.6	
17	-6.9	-17.4	-12.2	30.2		80	68					20	14.3	W	W	22*	7.1	
18	-0.6	-21.9	-11.3	29.3		82	62					20	14.0	SE	SE	35	2.6	
19	0.8	-5.1	-2.2	20.2		96	69					20	14.3	NW	SSE	24	0.4	
20	-2.6	-15.3	-9.0	27.0		81	70					20	23.6	NW	NW	41	10.4	
21	-4.0	-16.7	-10.4	28.4		89	64					20	8.5	W,NW	NW	19	9.0	
22	-2.0	-13.2	-7.6	25.6		89	58			Tr.	Tr.	19	2.5	calm	ESE	11	2.9	
23	1.4	-13.0	-5.8	23.8		82	40					16	2.1	calm	S	13	9.4	
24	1.4	-13.5	-6.1	24.1		85	50					16	11.3	S	S	26	9.3	
25	3.1	-5.1	-1.0	19.0		83	60					16	11.0	S	SSW	19	9.3	
26	1.9	-5.1	-1.6	19.6		96	63			0.8	0.8	15	7.7	S	SSE	17	0.6	
27	0.9	-7.6	-3.4	21.4		97	75			Tr.	Tr.	10	10.7	NW	NW	24	7.8	
28	3.5	-10.7	-3.6	21.6		93	58					9	4.3	calm	SSW	13*	8.0	
29	5.2	-4.9	0.2	17.8		88	59					7	15.9	S	S	24	9.0	
30	8.0	-1.3	3.4	14.6		86	59					4	17.2	S	S	31	10.4	
31	6.0	-3.7	1.2	16.8		93	61					1	11.2	NNE	NNE	24*	7.7	
MEAN MOYENNE	-4.0	-16.0	-10.0	868.4	TOTAL	88	63	TOTAL	Tr.	13.6	13.2		14.9	PREVAILING DOMINANTE	S	MAXIMUM NNW	56	TOTAL 206.4
NORMAL NORMALE	-2.9	-13.3	-8.1	809.8	2.9	89	65	0.1	6.1	21.1	26.2	5	19.6	SOUTH		56	170.4	

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	868.4	864.2	809.8	TOTAL FOR MONTH TOTAL DU MOIS	Nil	Nil	2.9		5	3	3	0	0	6	3	3	0	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	5205.6	5731.5	5134.5	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1574.6	1857.9	1790.7		5	3	3	0	0	6	3	3	0	0

UDC 551.506.1 () *Indicates more than one occurrence of same speed but not necessarily the same direction. Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December) / Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre)

PREVAILING WIND DIRECTION: Also - 8th, calm
18th, calm

March was cool, sunny, and on the dry side. Only 13.2 mm of precipitation fell in comparison to the normal 26.2 mm. There was only a trace of rainfall in comparison to the normal 6.1 mm. The mean temperature was 1.9 degrees below the normal. The coldest temperature was -30.7 on the 1st while the warmest was 8.0 on the 30th. Sunshine hours totalled 36 hours above the normal while the average wind was 4.7 Km/h below normal.

Heavy fog on the 27th resulted in hazardous driving conditions throughout the city and countryside.

DAILY WEATHER SUMMARY FOR MARCH 1980

AT WINNIPEG, MANITOBA

1. Cold. Sunny. Moderate south winds gusting to 72 km/h. Light snow 8:12 p.m. to 9:15 p.m.
2. Slightly above normal temperatures. Cloudy. Snow 01:30 a.m. to 4:20 a.m., 10:10 p.m. continued. Mostly light winds. Visibility reduced late evening.
3. Below normal temperatures. Mostly cloudy. Snow to 8:55 a.m. Blowing snow 5:30 a.m. to 1:15 p.m. Moderate north winds gusting to 65 Km/h. Visibility reduced in morning. Drifting snow.
4. Cold. Sunny. Mostly light winds.
5. Cold. Sunny. Moderate winds. Gusty WSW winds late evening.
6. Still cold. Sunny. Mostly light winds, but gusty WSW winds early in the morning.
7. Still cold. Mostly sunny. Light winds.
8. Near normal temperatures. Mostly sunny. Light winds.
9. Below normal temperatures. Sunny late morning otherwise cloudy. Snow 4:30 a.m. to 8:31 a.m. Ice crystals 8:31 a.m. to 9:23 a.m. Snow 1:28 p.m. to 9:10 p.m. Blowing snow 7:00 p.m. continued. Light south winds becoming moderate north to NW winds gusting to 78 Km/h in evening. Visibility severely reduced in evening. Travel difficult especially in the country.
10. Cold. Sunny. Moderate NW winds gusting to 65 Km/h. Blowing snow to 00:15 a.m., 4:12 a.m. to 2:15 p.m. Visibility restricted in morning. Drifting snow. At 1:35 a.m. a train derailment near MacGregor, Manitoba occurred and tanks were leaking vinyl chloride.
11. Cold. Mostly sunny. Ice crystals 7:35 a.m. to 9:50 a.m. Snow 10:29 p.m. continued. Visibility restricted late evening. Mostly light winds but drifting snow late evening.
12. Slightly above normal temperatures. Cloudy. Snow or snow pellets to 10:45 p.m. Visibility restricted. Blowing snow 01:55 a.m. to 5:50 a.m. Moderate SE winds gusting to 56 Km/h changing to NW late evening. Drifting snow. Travel difficult especially in the country.
13. Cold. Mostly sunny. Mostly light winds but drifting snow in early morning.
14. Cold. Mostly sunny. Light winds. Ice crystals 3:21 a.m. to 10:45 a.m. Heavy ice fog 3:55 a.m. to 7:40 a.m. Visibility severely restricted. Light ice fog until noon.
15. Mild. The maximum of 2.2°C ends 85 days with a maximum of 0.0°C or less. Cloudy. Drizzle 8:18 p.m. to 8:50 p.m. Moderate SE winds gusting to 59 Km/h. Drifting snow in the morning. Light fog in the evening. Visibility restricted.
16. Still mild. Mostly sunny. Light snow or snow grains 2:19 a.m. to 9:15 a.m. Moderate winds. Drifting snow in the morning.
17. Below normal temperatures. Mostly sunny with light winds.
18. Below normal temperatures. Sunny becoming cloudy in the late morning. Mostly light winds.
19. Mild. Cloudy. Heavy fog 8:02 a.m. to 11:30 a.m. Light fog until early afternoon. Mostly light winds.
20. Below normal temperatures. Sunny. Moderate NW winds gusting to 54 Km/h.
21. Below normal temperatures. Mostly sunny. Light winds.
22. Slightly below normal temperatures. Mostly cloudy. Light snow 6:45 a.m. to 7:10 a.m. Light winds.
23. Near normal temperatures. Sunny. Light winds.
24. Near normal temperatures. Sunny. Light winds.
25. Mild. Sunny. Light winds.
26. Mild. Cloudy. Snow 12:20 p.m. continued. Light fog in the evening. Visibility restricted. Light winds.
27. Above normal temperatures. Partly cloudy. Snow to 00:17 a.m. Heavy fog 00:40 a.m. to 7:18 a.m. Light fog until late morning. Two transport trucks hit a train in heavy fog near Carberry, Manitoba. One person killed, one injured. Light winds.
28. Above normal temperatures. Mostly sunny. Light winds. Light fog in the morning.
29. Mild. Mostly sunny. Mostly light winds.
30. Mild. Mostly sunny. Mostly light winds.
31. Mild. Mostly sunny. Light winds. Light fog, smoke and haze late morning and early afternoon. Visibility restricted.

HOURLY WEIBULE TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MARCH 1980
 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	-27.6	-27.8	-27.1	-27.8	-28.3	-29.7	-28.9	-27.3	-26.1	-23.7	-22.6	-21.3	-19.3	-17.2	-16.2	-15.3	-15.9	-16.8	-17.7	-17.9	-17.7	-17.2	-17.2	-17.2
2	-17.1	-15.6	-15.0	-14.5	-14.3	-14.5	-13.8	-13.9	-13.5	-12.5	-10.9	-10.7	-9.8	-9.3	-8.5	-8.8	-8.8	-8.9	-8.9	-8.6	-8.4	-8.2	-8.4	-8.9
3	-8.9	-9.1	-9.4	-9.2	-9.3	-9.3	-9.6	-10.4	-11.1	-13.2	-13.2	-14.3	-15.0	-15.0	-15.7	-16.5	-17.4	-17.4	-19.0	-20.3	-20.6	-22.0	-22.7	
4	-23.3	-24.5	-23.7	-24.0	-24.0	-24.4	-25.4	-26.0	-26.4	-25.2	-24.1	-22.5	-20.0	-18.3	-18.7	-18.5	-18.0	-17.8	-18.4	-20.3	-20.6	-21.1	-21.0	-22.0
5	-22.5	-23.0	-23.2	-22.7	-23.6	-23.6	-23.5	-24.3	-23.4	-22.2	-20.6	-19.0	-16.9	-15.4	-13.9	-13.2	-12.8	-13.0	-14.2	-15.4	-16.0	-15.6	-16.2	-16.8
6	-17.5	-18.1	-18.1	-17.6	-17.6	-19.2	-19.4	-19.8	-19.0	-19.1	-18.0	-17.2	-16.1	-14.4	-14.1	-13.8	-13.7	-13.9	-14.5	-16.7	-19.4	-21.2	-22.0	-21.5
7	-20.6	-23.2	-24.8	-26.2	-25.4	-26.5	-26.5	-23.5	-22.2	-18.8	-16.1	-16.0	-15.7	-14.0	-13.1	-12.2	-11.6	-11.5	-12.3	-13.6	-14.5	-14.0	-15.5	-15.9
8	-15.3	-15.4	-15.6	-15.6	-16.1	-15.2	-15.7	-15.7	-13.8	-12.3	-10.8	-9.9	-9.3	-8.7	-8.8	-8.6	-8.6	-11.1	-11.8	-11.5	-11.7	-13.1	-13.1	-13.1
9	-14.0	-13.2	-15.2	-14.7	-14.0	-12.7	-11.6	-10.9	-10.2	-9.2	-8.7	-7.0	-5.6	-5.0	-4.7	-4.7	-4.7	-4.8	-5.8	-10.5	-13.7	-16.8	-19.3	-19.3
0	-19.8	-19.6	-19.3	-19.3	-19.3	-19.5	-20.3	-20.9	-21.1	-21.0	-20.4	-19.9	-19.4	-18.9	-18.0	-17.5	-17.2	-17.0	-17.8	-19.7	-20.5	-21.9	-21.4	-22.6
1	-22.8	-26.6	-26.1	-26.4	-26.4	-26.4	-28.1	-28.4	-21.1	-20.5	-19.0	-18.0	-17.0	-16.4	-15.4	-14.2	-14.1	-14.0	-14.2	-14.7	-14.3	-13.8	-13.7	-13.7
2	-13.3	-13.1	-12.6	-12.3	-11.9	-11.4	-11.0	-10.4	-10.0	-9.7	-8.8	-8.2	-7.5	-7.2	-6.3	-5.7	-5.5	-5.5	-5.5	-5.6	-6.9	-7.6	-8.9	-8.9
3	-18.4	-12.0	-13.3	-14.7	-15.2	-15.2	-16.2	-15.9	-14.6	-12.5	-10.7	-11.1	-11.0	-10.6	-10.4	-10.5	-10.9	-12.0	-15.5	-17.1	-17.6	-17.1	-20.0	-20.0
4	-22.2	-22.2	-22.3	-20.8	-22.4	-24.2	-25.1	-25.3	-24.4	-22.9	-20.2	-18.2	-16.9	-15.4	-13.8	-12.7	-11.8	-11.5	-11.0	-14.0	-12.8	-12.6	-11.5	-8.5
5	-7.8	-7.3	-7.0	-7.6	-7.4	-7.2	-7.2	-7.0	-6.3	-5.4	-4.8	-3.2	-1.5	-1.5	-1.1	0.0	.3	.6	.3	.4	.3	0.0	-.7	-1.5
6	-2.1	-2.3	-2.7	-3.2	-5.3	-6.2	-7.2	-7.0	-6.3	-7.2	-8.1	-8.5	-8.3	-8.0	-8.2	-8.1	-7.8	-7.8	-8.2	-9.8	-10.7	-10.5	-12.2	-11.8
7	-12.4	-13.2	-13.6	-13.9	-14.6	-15.4	-15.3	-16.4	-16.4	-14.1	-13.2	-11.6	-11.2	-9.6	-9.0	-8.5	-8.7	-9.4	-10.6	-12.4	-12.6	-14.3	-14.9	-16.2
8	-17.6	-19.2	-20.2	-19.3	-20.4	-20.3	-21.0	-20.0	-18.0	-13.5	-11.3	-9.7	-8.4	-6.7	-5.6	-4.3	-3.8	-2.9	-2.5	-3.3	-3.6	-3.7	-3.6	-3.2
9	-3.2	-2.7	-2.5	-2.7	-2.7	-3.0	-3.9	-5.0	-3.9	-4.3	-4.7	-4.5	-4.5	-2.6	-1.7	-1.1	-1.5	-1.5	-1.1	-2.2	-3.0	-4.3	-4.2	-3.1
0	-3.6	-4.3	-4.4	-5.3	-6.2	-6.8	-8.5	-9.9	-8.8	-7.8	-7.7	-7.0	-7.0	-6.8	-6.3	-6.4	-6.6	-7.8	-10.0	-9.8	-9.9	-11.2	-12.4	-12.4
1	-14.8	-15.3	-15.8	-16.3	-15.8	-16.6	-15.2	-15.9	-14.3	-11.6	-10.5	-9.7	-8.0	-7.2	-6.5	-6.4	-6.3	-6.8	-7.9	-8.6	-9.4	-10.1	-12.2	-12.2
2	-12.2	-12.5	-12.7	-12.7	-13.1	-11.7	-10.2	-9.8	-8.5	-7.5	-6.2	-6.0	-4.8	-4.8	-4.5	-4.8	-4.7	-5.7	-6.6	-8.6	-7.7	-10.2	-10.4	-10.4
3	-8.9	-10.2	-10.5	-11.1	-12.5	-12.6	-9.3	-8.6	-7.9	-7.3	-5.8	-4.7	-4.2	-3.7	-3.7	-3.6	-3.8	-3.6	-4.0	-5.8	-8.0	-8.2	-8.5	-10.1
4	-10.3	-10.9	-12.0	-12.3	-12.6	-10.7	-9.2	-9.3	-7.1	-5.7	-3.8	-2.4	-2.4	-2.2	-2.2	-2.2	-1.9	-1.4	-2.1	-3.3	-4.0	-3.4	-4.1	-4.7
5	-4.8	-4.0	-4.6	-5.4	-5.2	-5.2	-5.2	-5.7	-5.2	-4.0	-2.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.7	-2.0	-2.5	-3.7
6	-4.0	-4.4	-4.7	-4.9	-5.6	-5.4	-5.5	-4.8	-4.0	-2.9	-1.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
7	-1.6	-1.9	-1.0	-1.2	-4.1	-4.0	-5.0	-3.0	-2.5	-1.9	-1.4	-1.0	-0.8	-1.2	-1.2	-1.2	-1.3	-1.4	-1.5	-2.6	-3.5	-4.5	-7.5	-5.5
8	-6.6	-7.2	-7.7	-7.9	-9.0	-10.0	-10.2	-9.5	-7.3	-5.0	-2.5	-1.5	-1.5	-2.1	0.0	1.1	1.5	-1.5	-2.1	-2.4	-2.9	-3.6	-3.8	-3.8
9	-4.3	-4.1	-4.7	-4.2	-4.5	-4.9	-4.8	-4.4	-2.6	-2.2	-1.7	1.5	1.0	1.5	1.9	2.4	2.0	2.2	1.6	1.9	1.6	1.1	1.2	1.1
0	-1.0	-1.5	-1.5	-1.5	-1.2	-1.6	-1.8	-1.8	0.0	1.2	2.2	3.1	4.0	4.1	4.8	5.0	4.8	4.8	4.0	1.9	1.5	1.9	1.2	1.1
1	-1.4	-1.6	-1.2	-1.7	-2.7	-3.1	-3.2	-3.4	-1.5	-1.1	3.0	3.0	1.1	2.4	3.6	2.5	2.4	2.3	1.4	.5	-.2	-.6	-1.1	-1.9
MEAN	-11.8	-12.3	-12.5	-12.7	-13.1	-13.3	-13.4	-13.3	-12.5	-11.3	-9.9	-8.4	-7.6	-7.0	-6.7	-6.5	-6.6	-7.1	-8.3	-9.1	-9.6	-10.1	-10.7	-10.7

