



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MAY / MAI

19 84

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

LAT: 49 ° 54 'N		LONG: 97 ° 14 'W		ELEVATION: 239.6 METRES (ASL) / MÈTRES (NMM)		STANDARD TIME USED: CENTRAL															
DATE	TEMPERATURE			DEGREE-DAYS		REL. HUMIDITY		THUNDERSTORM	PRECIPITATION			SNOW ON GROUND	WIND			BRIGHT SUNSHINE					
	MAXIMUM	MINIMUM	MEAN	HEATING	GROWING	MAXIMUM	MINIMUM		RAINFALL	SNOWFALL	TOTAL PRECIP.		AVERAGE SPEED	PREVAILING DIRECTION	MAXIMUM SPEED AND DIRECTION		BRIGHT INSOLATION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	ORAGE	PLUIE (HAUTEUR)	NEIGE (HAUTEUR)	mm	cm	km/h	DIRECTION DOMINANTE	VITESSE MAXIMALE ET DIRECTION	HOURS HEURES					
1	9.4	-4.5	2.5	15.5		87	33						16.3	NNW	NNE 30	12.5					
2	11.4	-6.0	2.7	15.3		85	27						7.1	N	NNE 13*	13.8					
3	14.8	-5.2	4.8	13.2		74	23						7.4	N	NE 19	13.3					
4	15.0	-4.2	5.4	12.6	0.4	82	23						13.1	NNE	NE 24*	13.7					
5	17.0	-5.2	5.9	12.1	0.9	75	20						8.5	S	SW 15*	13.9					
6	13.2	-2.1	5.6	12.4	0.6	90	51		Tr.		Tr.		17.4	N	NNW 37	6.6					
7	7.2	-1.9	2.7	15.3		97	37		Tr.	Tr.	Tr.		30.0	NNW	NNW 37*	2.5					
8	13.5	-3.7	4.9	13.1		75	24						28.3	NNW	N 46	13.7					
9	14.9	-4.2	5.4	12.6	0.4	84	21		1.8		1.8		9.4	NW	E 22	11.0					
10	17.8	4.6	11.2	6.8	6.2	86	39		0.6		0.6		22.4	W	WNW 35*	10.4					
11	10.2	-1.5	4.4	13.6		94	62		0.8		0.8		23.4	W	NNW 39	1.7					
12	13.7	-3.7	5.0	13.0		91	44		6.0		6.0		11.6	E	E 28*	5.7					
13	17.9	5.7	11.8	6.2	6.8	94	30		0.6		0.6		15.3	N	NW 22*	13.1					
14	20.0	0.7	10.4	7.6	5.4	90	20						7.6	NNE	NNE 20	14.4					
15	23.0	6.1	14.6	3.4	9.6	50	20						26.3	SE	SSE 37	12.9					
16	30.1	14.0	22.1		17.1	55	30						34.8	SSE	S 48*	7.3					
17	25.5	15.6	20.6		15.6	68	20						34.3	WSW	WSW 52	9.8					
18	17.6	8.9	13.3	4.7	8.3	79	29						25.2	W	W 39*	4.6					
19	12.0	6.6	9.3	8.7	4.3	100	66		Tr.		Tr.		14.2	NW*	NNW 22	0.4					
20	14.5	6.2	10.4	7.6	5.4	100	66		12.4		12.4		13.8	SE	SE 24*	0.0					
21	20.8	9.8	15.3	2.7	10.3	100	32		Tr.		Tr.		16.3	W	W 28	8.3					
22	15.3	5.3	10.3	7.7	5.3	76	35		Tr.		Tr.		20.1	NW	NNW 37	11.2					
23	17.3	4.1	10.7	7.3	5.7	83	39		Tr.		Tr.		16.3	WNW*	ENE 37	9.9					
24	12.6	2.5	7.6	10.4	2.6	91	63		3.4		3.4		23.2	NNE*	E 52	3.1					
25	11.3	2.0	6.7	11.3	1.7	91	38		Tr.		Tr.		15.3	N	NNE 24*	5.2					
26	18.0	1.5	9.8	8.2	4.8	72	24						16.4	WNW	WNW 33	13.8					
27	17.8	-1.9	8.0	10.0	3.0	75	24						7.6	ENE	N 19	15.0					
28	21.4	3.7	12.6	5.4	7.6	63	20						12.6	S	S 20	14.7					
29	24.7	4.2	14.5	3.5	9.5	60	24						19.6	S	SSE 31	10.2					
30	31.5	13.1	22.3		17.3	50	23						22.3	S	SSW 33*	13.0					
31	33.8	14.4	24.1		19.1	94	29	1	4.2		4.2		24.5	S	WNW 44	7.7					
MEAN MOYENNE	17.5	2.7	10.1	TOTAL 260.2	TOTAL 167.9	81	33	TOTAL 1	TOTAL 29.8	TOTAL Tr.	TOTAL 29.8		18.1	PREVAILING DIRECTION DOMINANTE N*	E MAXIMUM 52 WSW 52	TOTAL 293.4					
NORMAL NORMALE	18.0	4.5	11.3	219.3	203.8	82	36	2.0	63.2	2.5	65.7		20.2	S	58	265.6					
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS												DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS					DAYS WITH SNOWFALL: JOURS AVEC CHÛTE DE NEIGE:				
												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	0.2 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE	0.2 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE		
TOTAL FOR MONTH TOTAL DU MOIS		260.2	300.2	219.3	TOTAL FOR MONTH TOTAL DU MOIS		167.9	126.5	203.8	8	5	4	1								
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET		5518.8	5406.4	5853.2	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL		260.4	163.6	253.8												

UDC 551.506.1 ()

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

*By direction NNW



CLIMATOLOGICAL SUMMARY FOR MAY 1984AT WINNIPEG, MANITOBA

The month was cool and dry with an abundance of sunshine. Only 29.8 mm of rainfall was recorded. There was above normal sunshine with 293.4 hours and below normal winds with an average speed of 18.1 Km/h. The warmest day was the 31st with a record of 33.8°C while the coldest night was -6.0°C on the 2nd.

DAILY WEATHER SUMMARY FOR MAY 1984AT WINNIPEG, MANITOBA

1. Cool. Mostly sunny. Mostly light winds. Snow in very early morning.
2. Mostly sunny. Light winds. Cool.
3. Below normal temperatures. Sunny. Light winds.
4. Below normal temperatures. Sunny. Mostly light winds.
5. Below normal temperatures. Sunny. Light winds.
6. Below normal temperatures. Partly cloudy. Showers in afternoon. Rain late evening continued. Mostly light winds.
7. Cool. Mostly cloudy. Rain, drizzle, snow in the morning. Moderate winds.
8. Below normal temperatures. Mostly sunny. Moderate winds.
9. Below normal temperatures. Mostly sunny. Light winds. Evening showers continued.
10. Above normal temperatures. Mostly sunny. Showers till early morning, late afternoon till late evening. Moderate winds.
11. Below normal temperatures. Mostly cloudy. Showers or rain in morning. Moderate winds.
12. Below normal temperatures. Sunny becoming cloudy late morning. Showers or rain early afternoon continued. Mostly light winds.
13. Above normal temperatures. Mostly sunny. Rain till very early morning. Mostly light winds.
14. Near normal temperatures. Mostly sunny. Mostly light winds.
15. Above normal temperatures. Mostly sunny. Moderate winds.
16. Warm. Cloudy clearing early afternoon. Moderate winds. Severe forest fires especially in eastern Manitoba. Blowing dust restricting visibility in evening.
17. Warm. Record high minimum temperature equals 15.6°C set in 1901. Partly cloudy. Moderate winds. Blowing dust afternoon till late evening. Visibility severely restricted. Sky partly obscured.
18. Above normal temperatures. Sunny becoming cloudy mid morning. Moderate winds. Blowing dust in morning.
19. Below normal temperatures. Cloudy. Mostly light winds. Showers in morning. Rain early afternoon. Light fog in evening. Visibility restricted.
20. Below normal temperatures. Cloudy. Mostly light winds. Rain late morning till mid evening. Fog in early morning. Visibility restricted. Forest fire danger abating.
21. Above normal temperatures. Partly cloudy. Mostly light winds. Showers late afternoon.
22. Below normal temperatures. Mostly sunny. Mostly light winds. Very light showers in mid morning.
23. Below normal temperatures. Partly cloudy. Mostly light winds. Light showers evening continued.
24. Cool. Sunny mid morning otherwise cloudy. Showers till mid morning, afternoon and evening. Light drizzle, rain in evening. Light fog in evening. Visibility restricted. Moderate winds.
25. Cool. Partly cloudy. Showers late morning. Mostly light winds.
26. Below normal temperatures. Mostly sunny. Mostly light winds.
27. Cool. Sunny. Light winds.
28. Below normal temperatures. Partly cloudy. Mostly light winds.
29. Normal temperatures. Partly cloudy. Mostly light winds.
30. Warm. Mostly sunny. Moderate winds.
31. Warm. Record high maximum temperature. Previous record high 30.0°C in 1940, 1923. Thunder late afternoon and evening. Showers in evening. Moderate winds. Partly cloudy.

HOURLY DEWPOINT TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY

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.	-4.3	-4.3	-5.0	-4.9	-4.9	-5.5	-5.8	-5.5	-5.1	-5.0	-5.2	-7.6	-7.5	-6.1	-6.1	-5.2	-5.2	-7.0	-8.4	-7.4	-7.3	-7.1	-7.8	-7.9
2.	-7.8	-7.3	-7.8	-8.4	-8.3	-8.1	-6.6	-4.4	-3.4	-5.7	-6.5	-4.8	-4.8	-4.0	-5.1	-5.2	-3.7	-4.3	-7.2	-9.5	-7.9	-8.1	-7.4	-6.7
3.	-7.0	-8.4	-8.7	-8.0	-7.9	-8.8	-7.2	-5.1	-4.2	-3.6	-4.5	-4.1	-4.3	-6.5	-4.5	-4.3	-6.3	-6.5	-6.1	-4.6	-5.8	-6.7	-6.0	-5.0
4.	-5.2	-3.2	-6.6	-7.0	-6.5	-7.6	-6.3	-3.9	-2.7	-2.5	-4.4	-5.6	-7.3	-7.0	-5.8	-6.0	-6.2	-6.2	-7.3	-9.2	-9.5	-8.0	-6.8	-5.0
5.	-5.2	-5.6	-6.3	-8.0	-8.5	-8.2	-5.4	-4.0	-3.4	-4.1	-5.1	-5.6	-5.1	-5.0	-5.1	-5.7	-5.9	-6.5	-6.6	-7.0	-8.7	-8.9	-5.2	-4.5
6.	-4.0	-4.1	-3.5	-4.7	-4.7	-1.3	-9	3	1.3	2.2	2.2	2.5	2.0	5.4	2.3	6.8	5.4	4.2	4.6	2.3	1.4	-2.6	-2.2	-1.5
7.	-2	-2	-1.2	-1.6	-1.8	-1.9	-2.1	-2.5	-2.6	-3.2	-4.2	-5.2	-5.8	-5.6	-5.8	-6.7	-6.8	-7.2	-6.7	-7.0	-7.3	-7.5	-7.9	-8.8
8.	-8.0	-8.4	-7.7	-7.6	-7.3	-7.3	-6.6	-4.9	-4.9	-7.1	-7.7	-8.2	-7.9	-7.9	-7.4	-7.9	-6.7	-7.3	-7.9	-9.5	-9.0	-9.9	-11.4	-11.0
9.	-10.3	-9.7	-9.2	-7.8	-8.6	-9.2	-7.4	-6.2	-5.2	-4.4	-6.0	-6.4	-6.4	-6.2	-6.7	-5.7	-7.9	-7.7	-7.5	-5.2	0.0	4.1	4.5	3.7
10.	3.6	3.9	3.9	3.4	3.4	2.9	3.4	4.0	4.9	5.0	6.5	7.8	5.4	3.5	2.5	1.4	1.9	1.6	2.1	1.4	-2	-2	-2	4
11.	.6	1.1	3.1	3.6	3.1	3.0	3.5	4.1	5.3	5.2	5.5	5.0	4.2	3.3	2.8	2.5	2.6	2.4	2.3	1.7	1.0	.4	-1.0	-2.2
12.	-3.5	-2.0	-3.4	-4.3	-3.4	-3.4	-1.8	-1.1	2.2	.8	.5	.8	.1	.4	3.7	6.1	5.5	4.7	4.1	3.7	3.7	3.7	4.2	5.0
13.	5.0	2.4	5.3	5.0	4.8	4.4	4.7	4.8	3.9	1.4	.4	-3	-1.9	.1	.1	2.0	1.0	2.3	3.8	2.5	3.8	3.4	2.7	2.8
14.	2.8	1.8	1.0	.6	.4	.3	1.0	2.8	1.5	.8	1.0	1.5	1.7	-1.5	-1.4	-2.2	-4.3	-5.1	-2.7	-2.9	-2.2	-1.4	-1.1	-1.7
15.	-2.3	-3.1	-2.9	-3.3	-4.9	-4.3	-3.9	-3.5	-3.7	-4.4	-4.3	-3.3	-2.0	-2.0	-2.5	-1.4	-2.0	-2.4	-1.5	-1.7	-2.4	-2.7	-2.6	-2.8
16.	-2.1	-1.4	-1.1	-.1	.2	.9	1.1	2.1	3.9	4.9	8.2	10.5	12.1	12.8	12.8	13.0	13.4	13.5	13.2	13.0	13.0	12.8	13.0	12.8
17.	12.8	13.2	13.4	14.3	14.0	13.0	11.5	9.6	7.8	7.3	4.9	1.4	-5	-7	.8	2.0	.9	-9	-2.0	-1.3	-1.9	-2.0	-2.5	-2.2
18.	-2.4	-2.3	-2.1	-2.1	-1.5	-1.1	1.6	3.3	3.3	4.3	4.2	4.5	4.5	4.7	5.4	5.4	5.4	5.5	5.4	4.8	6.1	6.3	5.4	6.0
19.	6.1	5.7	6.8	7.0	7.3	7.5	7.2	7.1	5.9	5.6	5.2	5.3	5.8	5.7	5.3	5.8	5.4	5.3	5.4	5.3	5.5	5.7	5.6	6.3
20.	6.4	6.6	6.7	6.4	6.1	6.2	6.4	6.5	6.8	6.9	6.2	6.3	7.3	9.3	10.9	11.0	11.2	12.5	12.3	12.2	12.2	12.2	11.7	11.3
21.	10.8	10.8	10.2	9.5	9.0	8.8	8.9	8.9	8.9	9.3	7.4	7.5	5.4	5.4	2.9	3.1	2.8	.9	2.0	1.6	2.7	5.6	4.7	4.4
22.	5.0	3.4	2.3	2.5	1.7	1.3	2.3	4.0	4.6	4.0	5.4	5.0	4.0	4.2	1.6	1.3	.2	-3	-7	-2	.3	-3	-1	.6
23.	0.0	-.2	.2	.6	.6	2.3	3.8	4.5	2.0	2.0	1.5	2.7	3.6	2.4	2.5	3.4	3.6	2.6	1.6	1.7	1.0	-1.1	-1.2	-.2
24.	-.2	2.3	4.5	4.5	4.3	4.6	4.9	5.9	6.8	6.5	5.9	6.2	6.4	6.4	6.5	7.3	5.7	4.0	3.4	3.2	3.0	2.8	2.8	.8
25.	.2	0.0	.3	.9	1.4	.9	1.5	1.5	-.2	1.4	.2	-.5	-1.8	-2.8	-2.5	-2.4	-3.5	-3.1	-2.8	-2.7	-2.1	-3.0	-2.5	-2.8
26.	-2.7	-3.5	-3.7	-2.7	-3.4	-3.4	-2.7	-1.0	-3.3	-2.2	-1.3	-1.7	-3.3	-4.3	-4.5	-4.3	-3.3	-2.4	-1.5	-2.4	-3.3	-2.9	-3.0	-2.8
27.	-3.1	-4.5	-4.6	-5.8	-6.2	-5.8	-3.8	-1.9	-2.0	-2.9	-3.1	-3.7	-3.5	-2.4	-3.3	-3.6	-2.6	-2.3	-2.7	-2.0	-6	-1.1	-1.4	-1.5
28.	-2.3	-3.1	-2.0	-1.7	-2.0	-1.8	-.2	-.9	-.3	-.5	-.7	-1.1	-1.9	-1.8	-1.8	-1.7	-3.2	-3.9	-3.0	-2.3	-2.0	-2.0	-2.0	-2.0
29.	-2.2	-2.3	-2.5	-2.8	-3.3	-2.5	-1.2	-.7	-.9	2.3	.5	-.8	.5	1.5	1.3	1.8	2.3	2.8	3.1	2.6	2.3	1.8	1.3	1.3
30.	1.0	1.3	1.5	1.5	1.8	2.6	3.3	4.4	5.3	5.6	6.8	7.0	7.3	6.2	6.4	7.2	8.1	8.0	8.0	7.7	8.8	8.0	8.4	8.6
31.	8.8	9.0	9.5	10.3	10.3	10.3	10.8	11.7	12.1	12.3	13.0	13.4	13.6	13.8	13.3	13.4	12.8	12.6	12.2	10.8	10.5	10.3	12.6	13.7

MEAN	-2	-3	-2	-2	-.4	-.3	.4	1.3	1.6	1.4	1.0	1.0	.6	.6	.6	1.0	.7	.3	.3	0.0	.2	.1	.1	.3
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MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	-6.0	-6.2	-5.9	-6.0	-5.9	.4	-4.5	-7.8	-5.4	3.0	2.6	1.1	2.7	-.3	-2.8	7.6

NOTE: AS OF JANUARY 1 1983, HOURLY DEWPOINT TEMPERATURES HAVE REPLACED HOURLY WETBULB TEMPERATURES IN THIS PUBLICATION.

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	4.7	3.1	6.0	8.8	6.4	2.2	1.7	4.5	-.9	-2.7	-3.0	-1.7	.3	5.6	11.7

