



Environment Canada / Environnement Canada

Atmospheric Environment Service / Service de l'environnement atmosphérique

# MONTHLY METEOROLOGICAL SUMMARY / SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

APRIL / AVRIL

19 86

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 (NMN)		STANDARD TIME USED: CENTRAL / 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				
	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 18.0°C	BASE 5.0°C	%	%		mm	cm	mm		km/h			km/h			
1	8.6	-0.4	4.1	13.9		80	32						14.8	W	W 28*	11.6			
2	8.7	0.1	4.4	13.6		91	47		0.3				17.6	ESE	E 30	0.8			
3	9.5	-0.7	4.4	13.6		97	51						18.1	N	N 26	11.2			
4	13.1	-2.0	5.6	12.4	0.6	94	37						15.8	E	ESE26*	9.8			
5	8.4	3.3	5.9	12.1	0.9	88	62		0.5				8.4	ESE	E 17	0.0			
6	17.8	1.2	9.5	8.5	4.5	97	52						13.2	SSW	W 33	8.8			
7	13.3	2.0	7.7	10.3	2.7	83	42		0.4				23.7	WNW	WNW31*	12.0			
8	12.0	-0.8	5.6	12.4	0.6	87	41						19.4	WNW	N 37	12.5			
9	16.5	-2.2	7.2	10.8	2.2	89	35						7.7	S	SSW15*	12.4			
10	21.4	0.9	11.2	6.8	6.2	90	35						13.3	S	SSE19	12.2			
11	19.4	-6.8	6.3	11.7	1.3	79	36						21.5	SSE	NW 41*	7.0			
12	-3.8	-9.6	-6.7	24.7		86	57						27.5	NNW	NW 41	6.3			
13	-3.6	-9.1	-6.4	24.4		91	71		0.2	TR.	0.2	1	24.8	N	NNE33	0.0			
14	1.2	-5.0	-1.9	19.9		93	77			TR.	TR.	1	35.0	N	NNW41*	0.3			
15	6.3	-4.2	1.1	16.9		92	59					1	22.7	N	N 33	7.9			
16	16.0	-4.8	5.6	12.4	0.6	92	37						18.1	SSE	SSE33	11.3			
17	14.5	4.3	9.4	8.6	4.4	80	49		TR.		TR.		25.3	SE	SSE41	2.9			
18	8.2	4.7	6.5	11.5	1.5	100	77		15.7		15.7		12.5	ESE	E 19	0.0			
19	10.5	1.7	6.1	11.9	1.1	100	65		1.2	TR.	1.2		23.6	WNW	S 48	2.5			
20	2.7	-3.8	-0.6	18.6		93	49		TR.		TR.		25.8	N	N 37*	5.0			
21	6.5	-7.5	-0.5	18.5		89	36						25.8	N	N 37*	12.4			
22	16.8	0.4	8.6	9.4	3.6	95	51		3.6		3.6		26.7	S	S 44	6.5			
23	18.3	6.2	12.3	5.7	7.3	98	70		1.8		1.8		22.8	S	W 35*	7.3			
24	13.0	-0.4	6.3	11.7	1.3	93	40						15.5	NW	NW 26	10.7			
25	9.0	0.7	4.9	13.1		98	56		9.6	TR.	9.6		22.3	E	ENE35	0.1			
26	6.2	1.7	4.0	14.0		100	75		4.5	TR.	4.5		22.2	NNE	N 31	0.8			
27	5.0	0.7	2.9	15.1		100	85		4.4	TR.	4.4		22.4	N	N 30	0.0			
28	4.1	-1.2	1.5	16.5		100	78		8.1		8.1		21.5	NW	NW 31	0.9			
29	14.8	-1.9	6.5	11.5	1.5	95	58						5.7	WSW	E 19	12.6			
30	9.4	0.0	4.7	13.3		100	82		36.0	6.6	44.1		18.0	NNW	NNW30	0.0			
31																			
MEAN MOYENNE	10.1	-1.1	4.5	TOTAL 403.8	TOTAL 40.3	92	55	TOTAL 0	TOTAL 86.3	TOTAL 10.5	TOTAL 98.3		19.1	PREVAILING N	MAXIMUM S 48	TOTAL 185.8			
NORMAL NORMALE	8.9	-2.2	3.4	439.4	50.0			0.7	27.1	11.3	38.5		20.9	S		219.8			
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE 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 / 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	403.8	352.1	439.4	TOTAL FOR MONTH / TOTAL DU MOIS	40.3	89.0	50.0												
ACCUMULATED SINCE JULY 1 / ACCUMULÉE DEPUIS LE 1 <sup>er</sup> JUILLET	5729.5	5492.0	5633.9	ACCUMULATED SINCE APRIL 1 / ACCUMULÉE DEPUIS LE 1 <sup>er</sup> AVRIL	40.3	89.0	50.0	14	10	8	2	0	2	2	2	0	0		

UDC 551.506.1 ( )

\* INDICATES MORE THAN ONE OCCURRENCE OF THE SPEED BUT NOT NECESSARILY THE DIRECTION. ! ACTUAL SPEED IS 50 KMH GREATER THAN INDICATED.

Subscription Price: \$2.50 monthly; \$25.00 per calendar year (January to December) / Prix d'abonnement: mensuel \$2.50; annuel \$25.00 (janvier à décembre)



**CLIMATOLOGICAL SUMMARY FOR APRIL 1986****AT WINNIPEG, MANITOBA**

The total precipitation of 98.3 mm marks April 1986 as the second wettest April on record. In addition, the total precipitation of 44.1 mm on April 30th sets a new 24 hour precipitation record for April.

April's temperatures averaged slightly above normal. The highest temperature of 21.4°C occurred on the 10th and the lowest temperature of -9.6°C occurred on the 12th.

Sunshine hours and wind speed were below average.

---

**DAILY WEATHER SUMMARY FOR APRIL 1986****AT WINNIPEG, MANITOBA**

1. Clear. Temperatures above normal. Winds light except briefly moderate early afternoon.
2. Cloudy with rain showers in the afternoon. Temperatures above normal. Winds moderate during the day, otherwise light.
3. Sunny. Temperatures above normal. Winds moderate during the day, otherwise light.
4. Variable cloudiness. Temperatures above normal. Winds moderate during the day, otherwise light.
5. Cloudy with rain showers overnight. Temperatures above normal. Winds light.
6. Variable cloudiness with rain showers in the late evening. Temperatures well above normal. Winds light except moderate during showers.
7. Sunny. Temperatures above normal. Winds moderate with strong gusts during the day, otherwise light.
8. Clear. Temperatures above normal. Winds moderate with a few strong gusts during the day, otherwise light.
9. Clear. Temperatures above normal. Winds light.
10. Clear. Temperatures well above normal. Winds light.
11. Cloudy. Temperatures above normal. Winds light becoming moderate to strong in the afternoon.
12. Cloudy with snow overnight, clearing in the afternoon. Temperatures well below normal. Winds moderate with a few strong gusts, becoming light in the late afternoon.
13. Cloudy with snowflurries and freezing drizzle. Temperatures well below normal. Winds moderate.
14. Cloudy, snowflurries in the morning. Temperatures below normal. Winds moderate with strong gusts.
15. Cloudy, clearing in the early afternoon. Temperatures a little below normal. Winds moderate becoming light by evening.
16. Sunny, becoming cloudy by evening. Temperatures above normal. Winds light, becoming moderate with strong gusts in the afternoon.
17. Cloudy with rain showers beginning near midnight. Temperatures above normal. Winds moderate with a few strong gusts, becoming light in the evening.
18. Cloudy with rain and fog. Temperatures a little above normal. Winds light.
19. Cloudy, rain ending just after midnight. Temperatures near normal. Winds moderate with strong gusts during the day, otherwise light.
20. Cloudy, clearing in the late afternoon. Temperatures below normal. Winds moderate with a few strong gusts during the day, otherwise light.
21. Sunny. Temperatures below normal. Winds light.
22. Sunny becoming cloudy near noon with showers in the late evening. Temperatures above normal. Winds moderate except strong in the late morning and early afternoon.
23. Cloudy with showers. Temperatures above normal. Winds moderate with a few strong gusts.
24. Variable cloudiness. Temperatures near normal. Winds light.
25. Cloudy with rain and snow in the evening. Temperatures below normal. Winds light becoming moderate with strong gusts near noon.
26. Cloudy with rain and snow. Temperatures below normal. Winds moderate with strong gusts, becoming light in the evening.
27. Cloudy with rain and drizzle. Temperatures below normal. Winds moderate.
28. Cloudy with rain and drizzle, clearing in the evening. Temperatures below normal. Winds moderate becoming light in the evening.
29. Sunny. Temperatures near normal. Winds light.
30. Cloudy with rain all day, changing to snow by evening. Temperatures below normal. Winds light becoming moderate with strong gusts in the evening.

HOURLY DEWPOINT TEMPERATURES AT MINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL 1986  
 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	-3.3	-3.1	-3.2	-3.3	-3.1	-3.3	-3.2	-2.6	-2.5	-2.6	-2.7	-2.1	-5.3	-6.1	-5.8	-7.5	-6.2	-6.4	-5.8	-3.7	-4.5	-4.3	-4.3	-5.3
2	-5.1	-5.6	-5.9	-5.1	-5.3	-5.5	-6.2	-5.7	-5.9	-5.1	-4.3	-3.2	-1.9	-2.6	-2.5	-2.6	2.1	1.9	2.9	3.2	2.4	2.2	1.8	1.5
3	1.7	1.4	0.3	-0.2	-1.3	-3.1	-4.1	-4.2	-3.7	-2.8	-1.9	-0.5	0.4	0.3	0.7	0.8	0.5	-0.3	-0.3	-1.0	-1.6	-1.4	-1.6	-1.4
4	-1.9	-2.1	-2.7	-2.2	-2.7	-2.5	-2.4	-1.2	-0.8	-1.3	-1.0	-0.2	0.8	0.0	-0.1	-1.1	-2.0	-1.6	-1.8	-2.3	-2.5	-1.6	-1.8	-1.8
5	-1.5	-0.7	-0.6	0.9	1.5	0.6	0.3	-0.1	0.6	0.3	0.4	1.1	-0.1	0.1	1.4	1.4	1.8	1.9	2.6	2.8	3.4	2.3	2.7	2.5
6	2.2	2.5	2.7	2.9	2.5	2.0	1.2	1.7	4.1	4.7	5.1	5.7	5.9	7.4	7.6	8.9	8.6	7.2	7.7	6.7	6.2	6.5	6.1	4.0
7	3.9	2.8	1.2	1.6	0.7	0.3	-0.2	0.0	1.3	1.5	1.5	2.2	2.9	1.6	-0.2	0.6	0.9	-0.6	-0.7	-0.8	-0.7	-0.3	-0.7	-1.1
8	-1.2	-1.6	-1.7	-1.6	-2.0	-2.3	-2.3	-1.6	-1.0	-0.2	-0.4	-0.5	-2.5	-2.3	-1.5	-2.1	-2.4	-2.1	-2.3	-1.8	-1.7	-2.7	-2.8	-3.5
9	-3.0	-3.6	-3.7	-3.7	-3.7	-4.0	-3.9	-2.5	-2.1	-0.3	-0.5	-1.2	-0.4	-0.5	0.0	0.0	-0.1	0.3	0.9	0.6	1.2	2.2	2.0	1.6
10	1.2	1.1	1.1	1.0	0.0	-0.1	-0.8	1.3	1.8	3.3	4.0	4.0	4.9	4.4	4.5	4.9	4.3	4.4	4.4	4.7	5.0	5.1	4.3	3.7
11	3.1	2.9	2.9	2.7	2.1	1.5	1.1	1.0	1.7	1.9	2.7	3.6	3.7	2.6	7.0	5.3	1.5	-1.1	-4.7	-6.7	-7.9	-8.5	-9.1	-9.4
12	-10.1	-10.2	-10.5	-10.9	-11.0	-11.4	-12.3	-12.7	-14.3	-15.2	-15.5	-14.9	-14.5	-13.5	-11.6	-12.3	-11.7	-11.6	-10.5	-10.0	-10.4	-10.5	-10.3	-10.7
13	-11.5	-11.8	-12.3	-11.8	-11.9	-11.5	-11.2	-10.7	-9.8	-9.0	-8.2	-7.9	-7.5	-7.6	-7.1	-6.3	-6.9	-5.7	-5.7	-5.5	-5.4	-5.8	-6.0	-6.6
14	-6.6	-5.9	-5.5	-5.1	-4.6	-4.6	-4.8	-4.8	-4.9	-5.1	-4.7	-4.5	-4.0	-3.8	-3.3	-3.0	-3.6	-4.2	-5.0	-5.7	-6.0	-5.8	-5.7	-5.8
15	-5.8	-5.8	-5.9	-6.1	-6.3	-6.3	-6.3	-6.6	-6.4	-6.2	-5.5	-4.5	-3.5	-2.7	-1.8	-1.8	-1.1	-1.1	-1.1	-1.9	-3.5	-4.3	-4.8	-5.3
16	-5.1	-5.2	-5.2	-5.0	-6.3	-6.0	-5.9	-3.6	-1.9	-0.8	0.2	0.6	0.1	0.6	0.6	0.8	1.5	0.6	0.3	0.4	-0.5	-0.9	-1.1	-1.6
17	-1.7	-2.0	-1.2	-0.7	-1.9	-2.3	-2.7	-3.5	-2.5	-0.7	1.7	2.0	3.1	3.2	4.4	5.0	3.9	5.0	5.0	5.5	5.5	5.4	5.4	5.4
18	5.4	5.9	6.4	5.6	4.8	4.8	3.9	4.4	3.9	3.2	3.3	3.5	4.2	5.5	6.6	6.5	6.8	7.4	6.8	7.5	7.6	6.6	5.7	5.2
19	4.7	4.2	3.9	3.4	3.2	3.1	3.6	3.9	4.1	3.8	4.1	4.5	3.4	4.0	4.8	5.3	4.7	3.2	3.8	1.5	0.9	0.6	-0.2	-0.7
20	-0.6	-0.8	-0.7	-0.2	0.9	-0.6	-2.5	-7.3	-5.2	-5.4	-6.1	-6.6	-6.8	-6.4	-5.6	-4.7	-4.2	-5.8	-7.5	-8.0	-7.2	-7.7	-7.8	-8.4
21	-7.2	-7.3	-7.5	-8.0	-8.1	-8.7	-8.9	-8.8	-8.6	-9.8	-10.6	-8.3	-8.0	-9.0	-7.9	-6.6	-6.6	-7.9	-5.8	-5.4	-4.6	-4.4	-4.6	-4.4
22	-4.6	-4.2	-3.5	-3.5	-3.2	-3.0	-2.8	-2.7	-2.3	-1.3	0.2	1.7	1.4	2.6	3.6	4.7	6.4	7.2	6.5	7.0	6.8	6.5	7.4	8.4
23	8.7	9.1	8.8	8.0	7.4	6.8	6.7	7.2	7.3	8.2	8.6	9.2	9.8	10.7	11.2	11.3	12.0	13.8	14.3	13.7	8.6	8.1	6.4	4.1
24	3.6	1.2	0.8	-0.4	-0.9	-0.9	-1.3	0.1	0.6	1.0	1.7	2.5	1.2	0.5	0.1	0.0	-1.0	-0.5	1.4	-0.6	-0.2	-0.4	-0.7	-1.1
25	-1.4	-1.6	-1.2	-0.9	-1.5	-1.1	-0.8	-0.9	-0.4	-0.2	-0.4	0.0	3.4	1.5	2.3	1.6	-0.2	-0.4	-1.1	2.2	1.3	0.6	0.6	1.5
26	1.1	1.3	1.1	0.7	0.5	0.3	0.7	0.6	1.3	1.9	2.3	2.3	3.0	2.6	2.0	3.0	1.9	1.3	1.8	0.8	0.9	0.8	1.0	1.4
27	1.3	1.4	0.7	0.6	0.4	0.4	0.7	0.7	1.2	1.5	1.5	1.9	1.5	2.1	2.2	2.5	2.7	2.6	2.2	1.9	1.8	1.8	1.7	1.5
28	1.5	1.1	1.3	1.3	1.2	1.1	1.1	1.4	1.7	2.1	2.6	2.7	2.1	1.7	0.8	0.4	0.4	-0.2	-0.3	-0.9	-1.5	-2.1	-2.1	-2.3
29	-2.1	-2.4	-2.5	-2.6	-2.7	-2.6	-2.3	-0.3	-0.9	0.3	1.0	2.5	4.4	4.7	4.7	6.3	7.2	6.9	6.1	6.8	6.9	6.2	5.7	4.8
30	4.7	4.8	4.2	4.2	3.9	3.2	3.7	4.2	4.6	5.2	5.2	5.1	3.7	3.5	3.2	2.9	2.9	2.3	0.1	0.2	0.2	0.2	0.4	0.1
MEAN	-1.0	-1.1	-1.3	-1.3	-1.6	-1.9	-2.1	-1.8	-1.3	-0.9	-0.5	0.0	0.2	0.2	0.7	0.8	0.8	0.5	0.5	0.4	0.0	-0.2	-0.4	-0.8

MEAN DAILY DEWPOINT TEMPERATURES BASED ON HOURLY READINGS.

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
MEAN	-4.2	-1.0	1.1	1.1	0.7	0.7	0.7	-1.0	-1.8	3.0	-11.9	-4.9	-4.4	-8.5	-4.4	-1.8	1.7	1.7	9.2	0.1	1.5	1.5	0.6	0.3	0.3	0.1	1.4	1.4	1.5	2.3	3.0
	-2.3	-1.5	5.0	-1.8	-1.8	3.0	-11.9	-4.9	-4.4	-8.5	-4.4	-1.8	1.7	1.7	9.2	0.1	1.5	1.5	0.6	0.3	0.1	1.4	1.4	0.6	0.3	0.1	1.4	1.4	1.5	2.3	3.0