



# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS JUNE / JUIN

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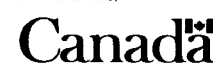
AT/A WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

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	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
1	17.8	8.9	13.4		8.4	79	40				0	10.8	NNE	N 37	10.1	
2	27.4	10.3	18.9	4.6	13.9	77	36	1	2.6		0	23.7	S	SSE39	3.3	
3	25.3	11.5	18.4		13.4	96	26		TR.	2.6	0	17.3	NW	NNW31	7.0	
4	18.4	5.3	11.9	6.1	6.9	84	41				0	14.8	NNE	N 24*	15.4	
5	22.1	8.0	15.1	2.9	10.1	51	27		TR.	TR.	0	15.4	ESE	ESE28	4.5	
6	26.4	14.5	20.5		15.5	98	44	1	8.1	8.1	0	20.7	S	S 33	3.5	
7	21.3	8.7	15.0	3.0	10.0	96	36				0	20.9	WNW	WNW31	15.4	
8	21.0	3.6	12.3	5.7	7.3	88	35				0	7.4	SSE	SSE13*	14.7	
9	25.0	11.4	18.2		13.2	92	39		0.4	0.4	0	12.7	S	SSW26	3.6	
10	20.4	12.3	16.4	1.6	11.4	100	67				0	18.2	N	N 30*	2.6	
11	22.2	11.2	16.7	1.3	11.7	91	52				0	13.2	SSE	S 31	11.4	
12	21.7	11.9	16.8	1.2	11.8	84	30	1	0.6	0.6	0	26.6	WNW	WNW54	12.6	
13	22.7	7.5	15.1	2.9	10.1	76	31		TR.	TR.	0	15.5	W	NW 37	11.1	
14	19.4	3.4	11.4	6.6	6.4	98	35		1.4	1.4	0	7.0	WNW	WNW22	7.7	
15	18.4	6.3	12.4	5.6	7.4	100	48		5.6	5.6	0	11.0	NE	NNE26	4.9	
16	17.9	3.5	10.7	7.3	5.7	88	42				0	13.0	NNW	NW 22	15.9	
17	24.7	8.2	16.5	1.5	11.5	81	40				0	14.0	S	SSE24	13.7	
18	31.5	13.2	22.4		17.4	81	46				0	13.0	SE	ESE20	15.6	
19	32.6	15.1	23.9		18.9	90	31	1	9.5	9.5	0	19.3	E	WNW37	13.4	
20	25.1	18.2	21.7		16.7	93	69	1	5.0	5.0	0	11.0	SSE	E 28	3.8	
21	27.0	16.8	21.9		16.9	96	48		8.3	8.3	0	10.4	W	WSW26*	10.9	
22	23.6	13.5	18.6		13.6	88	43				0	17.5	W	NW 30	14.5	
23	17.8	8.3	13.1	4.9	8.1	94	48		TR.	TR.	0	16.6	N	N 30*	11.3	
24	24.1	6.5	15.3	2.7	10.3	92	45				0	17.3	S	SSE33	14.9	
25	27.0	17.1	22.1		17.1	87	61	1	1.2	1.2	0	17.5	S	S 43	12.2	
26	24.7	14.8	19.8		14.8	94	62	1	15.7	15.7	0	11.7	NW	E 22	6.4	
27	23.6	14.3	19.0		14.0	92	43				0	15.2	W	WNW26	15.7	
28	24.0	10.3	17.2	0.8	12.2	83	42				0	15.2	NNW	WNW30*	14.6	
29	20.0	7.4	13.7	4.3	8.7	95	36				0	8.5	N	N 19*	12.1	
30	21.2	12.7	17.0	1.0	12.0	86	51		0.8	0.8	0	5.3	S	ENE15	0.7	
31																
MEAN / MOYENNE	23.1	10.5	16.8	TOTAL 64.0	TOTAL 355.4	88	43	TOTAL 7	TOTAL 59.2	TOTAL 0.0	TOTAL 59.2		14.6	PREVAILING / DOMINANTE S	MAXIMUM / WNW54	TOTAL 303.5
NORMAL	23.1	10.5	16.8	69.9	354.3			5.3	80.1	Tr.	80.1		18.1	S		276.1

DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS								DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: JOURS AVEC CHÛTE 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	64.0	125.9	69.9	TOTAL FOR MONTH / TOTAL DU MOIS	355.4	270.6	354.3	12	9	7	1	0	0	0	0	0	0
ACCUMULATED SINCE JULY 1 / ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> JUILLET	5948.0	5771.4	5923.1	ACCUMULATED SINCE APRIL 1 / ACCUMULÉE DEPUIS LE 1 <sup>ER</sup> AVRIL	679.7	611.8	608.1										

UDC 551.506.1 ( ) \* INDICATES MORE THAN ONE OCCURENCE 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 JUNE 1986****AT WINNIPEG, MANITOBA**

Temperatures were exactly on the normal mark for June while precipitation was 20.9 mm below the monthly average. The warmest temperatures of 32.6°C occurred on the 19th while the lowest temperature of 3.4°C occurred on the 14th.

A heavy thunderstorm on the early morning of June 26th was accompanied by winds gusting to 95 km/h. Extensive damage resulted to aircraft on the ramp at the Winnipeg International Airport.

The average wind speed was below normal for the month while bright sunshine was above average.

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

1. Cloudy, becoming sunny early afternoon. Temperatures below normal. Winds moderate becoming light by noon.
2. Cloudy. Temperatures above normal. Winds light, becoming moderate, with strong gusts by noon.
3. Mainly sunny with some cloudy periods near noon. Temperatures above normal. Winds light becoming moderate with some strong gusts.
4. Sunny. Temperatures a little below normal. Winds light becoming moderate early afternoon.
5. Cloudy with light rain showers late evening. Temperatures slightly above normal. Winds light, becoming moderate late evening.
6. cloudy with a light thunder shower in the afternoon. Temperatures above normal. Winds moderate becoming light in the afternoon.
7. Sunny. Temperatures slightly below normal. Winds light turning to moderate by noon, and light in the evening.
8. Sunny. Temperatures a little below normal. Winds light.
9. Cloudy with light rain showers in the afternoon. Temperatures above normal. Winds light with some moderate periods with strong gusts in the early afternoon.
10. Cloudy. Temperatures below normal. Winds light becoming moderate early afternoon to light in the evening.
11. Cloudy becoming sunny by noon. Temperatures near normal. Winds light becoming moderate late evening.
12. Sunny with some cloudy periods near noon. Thundershower overnight. Temperatures slightly below normal. Winds light becoming moderate with strong gusts early afternoon, to light in the evening. Pea size hail reported in St. Vital overnight.
13. Sunny with cloudy periods early afternoon. Temperatures near normal. Winds light, moderate with strong gusts early afternoon becoming light in the evening.
14. Sunny becoming cloudy by noon. Temperatures below normal. Winds light.
15. Cloudy with light rain. Temperatures below normal. Winds light.
16. Sunny. Temperatures below normal. Winds light.
17. Sunny with some cloudy periods in the morning. Temperatures above normal. Winds light.
18. Sunny. Temperatures above normal. Winds light.
19. Sunny becoming cloudy by late evening with a thunder shower. Temperatures above normal. Winds light becoming moderate by noon.
20. Cloudy with light thundershowers in the early morning. Temperatures above normal. Winds light.
21. Cloudy becoming sunny by noon. Temperatures above normal. Winds light.
22. Cloudy with some sunny periods before noon. Temperatures near normal. Winds light becoming moderate near noon to light in the evening.
23. Cloudy becoming sunny in the late morning. Temperatures below normal. Winds light becoming moderate in the morning to light in the evening.
24. Sunny. Temperatures near normal. Winds light becoming moderate in the afternoon.
25. Cloudy with thundershowers in the morning becoming sunny by noon. Temperatures above normal. Winds strong with gale force gusts in the early morning becoming light by mid morning.
26. Mainly sunny, some cloudy periods early morning with thundershowers. Temperatures near normal. Winds light.
27. Sunny. Temperatures slightly below normal. Winds light.
28. Sunny. Temperatures slightly below normal. Winds light becoming moderate with strong gusts early afternoon to light early evening.
29. Sunny becoming cloudy in the evening. Temperatures below normal. Winds light.
30. Cloudy with a rainshower in the afternoon. Temperatures below normal. Winds light.

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	7.0	6.2	5.9	5.8	5.1	5.4	4.4	4.3	4.6	4.4	4.7	3.8	4.4	4.6	4.1	4.2	3.9	4.8	3.0	3.5	4.2	3.2	4.3	4.0	
2	4.7	5.1	4.7	4.6	4.7	4.7	5.2	6.8	8.6	9.2	9.0	9.7	10.3	10.5	11.1	11.3	10.8	15.8	16.0	15.5	16.1	15.5	15.0	14.4	
3	14.9	16.2	16.3	15.8	14.7	13.6	13.8	14.6	16.0	13.9	9.4	10.6	9.0	5.4	8.1	5.5	3.5	5.0	7.0	4.3	6.5	7.2	7.4	5.9	
4	4.1	4.0	3.7	3.1	2.4	3.5	5.1	6.0	5.4	3.1	2.5	3.9	3.7	4.4	3.6	3.9	3.4	3.6	4.4	3.8	3.3	3.0	1.8	-1.7	
5	-2.0	-3.8	-5.6	-3.2	-3.3	-3.8	-4.4	-2.4	-1.0	0.5	1.8	1.5	1.5	1.2	2.9	0.7	1.2	-0.5	1.6	2.0	1.4	5.9	5.5	5.4	
6	4.6	6.7	6.8	8.1	8.6	9.4	9.6	10.1	11.5	12.5	14.0	14.9	13.4	12.4	13.0	12.1	12.0	12.5	13.8	16.9	17.2	16.4	15.6	14.6	
7	14.2	12.6	12.4	11.8	11.4	10.7	10.3	10.6	10.2	8.8	8.1	8.2	6.1	5.3	5.5	6.3	4.7	5.0	5.9	4.1	2.7	3.2	2.8	3.9	
8	4.1	3.1	2.5	2.3	1.6	1.7	3.1	4.4	3.9	5.1	4.5	5.4	6.1	5.3	4.6	6.0	5.4	5.9	4.5	3.9	5.0	4.7	6.6	7.2	
9	7.5	7.3	8.2	8.5	8.5	8.6	9.0	9.9	11.0	10.5	11.3	9.6	9.1	9.0	9.1	9.1	9.9	10.5	10.3	11.4	14.2	15.6	15.7	15.6	
10	14.8	14.0	13.9	13.8	12.3	12.6	13.8	14.6	14.0	13.9	14.2	13.6	13.7	13.3	13.9	13.4	13.1	13.3	13.3	12.6	12.2	11.6	10.9	10.7	
11	10.4	10.3	10.3	10.0	9.4	9.4	9.3	9.6	9.2	9.6	10.9	10.3	11.3	10.5	11.8	11.7	11.3	11.5	11.6	11.4	11.2	11.3	11.1	10.8	
12	10.8	10.9	11.4	11.4	11.2	9.5	7.4	6.7	4.8	5.3	5.6	5.9	6.5	5.8	4.9	5.2	3.1	3.1	4.2	4.7	5.4	4.7	5.0	6.3	
13	5.8	5.4	4.4	3.9	4.2	3.9	4.8	7.7	8.6	7.9	5.5	4.7	5.4	4.9	3.0	6.6	8.1	9.6	7.7	6.9	4.3	3.1	2.3	2.0	
14	1.9	1.4	1.5	0.6	3.1	3.7	3.9	2.4	0.1	1.6	3.1	4.1	3.9	2.8	2.9	2.1	3.8	6.1	6.9	8.5	8.3	9.0	9.0	9.3	
15	9.5	8.7	9.4	9.0	8.7	8.8	9.2	9.5	9.0	9.3	9.0	8.8	5.4	4.6	10.1	8.7	7.9	10.4	9.3	9.7	8.1	7.4	7.0	4.7	
16	3.1	2.9	3.1	2.5	1.8	1.6	2.1	2.3	1.8	3.0	3.0	3.0	4.1	4.2	3.8	4.0	4.4	4.1	4.1	3.7	3.5	5.4	4.9	5.4	
17	5.0	4.7	4.9	5.0	5.1	5.7	6.1	6.9	7.2	8.7	7.4	9.0	9.4	9.3	8.6	9.9	9.6	10.2	10.8	11.1	10.9	10.3	10.3	9.8	
18	9.8	10.3	10.3	10.3	10.2	10.5	11.1	12.0	13.3	14.4	14.6	15.3	15.6	17.2	17.0	17.6	17.3	18.0	17.5	17.6	16.4	15.8	15.8	15.6	
19	15.3	14.7	14.8	14.8	13.6	13.8	14.6	15.6	15.9	16.3	15.7	15.3	14.4	14.2	13.4	14.9	12.9	13.6	14.2	14.2	13.1	17.6	17.5	16.3	
20	16.8	17.3	16.9	15.6	16.6	16.6	16.9	17.3	17.6	17.9	17.5	16.3	15.6	16.4	17.5	17.3	17.3	17.3	17.6	17.8	17.5	17.5	17.3	17.0	
21	16.7	16.7	16.6	16.3	16.3	16.0	16.3	16.9	16.6	15.3	13.4	13.1	14.4	15.3	16.0	16.6	15.7	16.0	14.4	12.6	12.2	11.7	10.0	9.9	
22	10.2	10.9	10.8	10.6	10.8	10.0	8.8	9.2	9.8	9.2	10.8	11.0	10.7	9.4	10.7	10.7	10.5	10.3	10.1	9.8	10.8	10.6	12.1	11.9	
23	12.0	11.9	11.6	11.3	10.9	9.7	8.7	7.7	7.2	6.4	6.2	5.5	6.2	5.9	6.3	7.3	6.8	6.9	5.8	6.1	5.1	5.1	5.0	5.2	
24	4.5	5.5	5.5	5.2	5.7	5.5	7.4	7.6	8.3	8.6	8.7	8.6	7.9	9.1	9.9	10.2	11.0	10.8	11.1	11.5	11.8	11.5	11.2	11.1	
25	11.3	11.6	12.1	12.3	13.6	13.6	14.5	14.8	14.7	15.2	16.9	17.3	18.2	19.0	18.7	18.2	17.9	17.9	17.9	17.8	16.0	15.7	15.2	14.2	13.4
26	14.0	13.8	13.8	13.4	14.9	14.6	13.9	13.8	14.8	16.3	16.2	15.9	17.4	17.4	17.3	18.2	17.7	17.7	15.9	17.1	17.2	17.5	17.2	17.1	16.4
27	15.3	14.9	12.5	13.7	13.0	11.8	12.2	11.5	11.6	10.3	9.9	9.9	9.0	10.4	11.7	9.1	10.2	11.7	10.7	11.0	11.4	11.7	11.8	11.3	
28	11.2	11.0	10.8	10.7	11.2	11.7	12.1	13.0	14.6	12.6	12.2	11.9	12.3	10.2	10.5	9.5	9.9	9.3	9.4	9.8	9.0	8.9	9.2	9.1	
29	8.5	8.5	8.4	7.6	6.8	7.4	7.7	6.2	6.4	7.9	7.0	8.1	6.4	6.6	6.0	4.7	3.7	4.8	6.6	6.7	8.3	9.5	9.9	9.7	
30	9.6	9.6	9.7	9.3	9.8	9.8	11.0	10.2	10.5	10.9	10.4	9.6	8.9	9.2	9.8	9.6	14.2	13.1	10.5	12.9	12.8	12.5	13.0	13.1	

MEAN	9.2	9.1	8.9	8.8	8.8	8.7	8.9	9.3	9.6	9.7	9.5	9.5	9.4	9.1	9.5	9.5	9.4	9.9	9.9	9.9	9.9	10.1	10.0	9.6
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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	4.6	10.0	10.2	3.5	0.1	11.9	7.7	10.4	10.4	13.2	6.7	5.4	8.4	8.2	14.3	17.1	14.8	14.9	14.9	15.6	11.5	10.4	7.5	8.7	15.6	15.9	11.5	10.8	10.8	10.8