



INTERNATIONAL AIRPORT FOR THE MONTH OF MAY

ABSTRACT OF THE WIND AT WINNIPEG  
ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PEAK GUSTS	TIME (CST)	
1	20	17	15	11	9	9	9	11	15	28	30	19	22	19	17	24	17	20	19	13	11	9	9	N 43	1114
2	4	6	4	6	4	0	2	2	11	13	13	4	7	6	9	6	11	13	13	11	7	6	6		
3	6	9	6	2	6	6	4	9	11	9	9	7	6	7	6	7	6	2	7	19	9	7	6		
4	6	7	13	4	7	6	9	9	11	15	19	9	11	19	24	24	24	24	22	17	9	11	13	NE 37	1407
5	9	6	9	9	9	9	4	6	6	7	9	11	15	15	11	2	11	11	11	6	6	6	6		
6	6	2	7	7	9	15	11	17	19	15	19	19	13	11	17	13	19	26	22	30	33	37	31	NNW 44	2330
7	28	35	31	35	31	35	33	31	33	33	37	37	31	31	30	28	31	33	33	20	19	15	15	NNW 52	0835
8	17	20	17	19	17	20	19	31	31	43	43	39	46	37	41	35	37	39	33	19	15	6	13	N 67	0834
9	11	15	15	13	13	7	9	6	7	2	4	6	6	9	2	7	9	9	4	15	9	19	22	S 37	1943
10	ESE	ESE	SE	SE	SE	SE	SE	SSE	S	SW	WSW	W	W	W	W	W	W	WNW	W	WSW	WSW	W	W	W 54	1443
11	26	22	22	26	22	26	24	20	33	31	31	37	39	37	35	30	24	26	20	17	7	0	6	NNW 48	0947
12	4	0	0	0	6	4	0	4	9	9	9	11	13	11	11	15	22	26	28	24	28	20	13	E 41	1732
13	ENE	N	NNE	NNE	N	N	N	NNE	N	NW	NW	NW	NW	NW	NW	NW	NW	N	NNW	NW	NNE	W	W	NNW 41	1442
14	7	0	6	4	2	0	0	4	13	9	11	4	9	7	9	6	4	11	20	17	13	9	11		
15	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE 52	1238
16	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S 67	1623

1984

MAY

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF  
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.	-0.9	-1.2	-1.0	-1.1	-1.1	-3.3	-3.3	-1.3	1.2	3.0	3.5	4.6	5.7	6.4	7.5	8.0	8.7	7.8	7.1	5.3	1.2	0.0	-2.3	-3.2
2.	-2.1	-3.5	-2.9	-3.9	-5.3	-5.4	-4.4	-1.5	1.8	5.6	6.0	7.8	8.1	9.6	10.0	10.4	10.4	10.0	9.9	8.2	6.0	3.2	1.0	-0.9
3.	-1.8	-3.1	-4.3	-2.7	-3.1	-5.2	-3.2	.4	2.8	6.7	9.6	11.0	12.6	12.2	13.2	14.4	14.2	14.0	13.8	11.0	7.5	5.3	2.5	2.0
4.	.8	-0.5	-2.6	-1.2	-4.0	-1.0	3.0	6.1	9.6	11.7	12.9	13.4	13.4	13.5	14.2	13.8	13.2	12.3	11.5	10.0	7.8	5.0	4.4	3.7
5.	3.4	3.2	-0.3	-1.7	-4.2	-4.6	-1.2	2.0	5.5	8.3	10.2	11.2	12.8	14.6	15.8	15.8	16.1	15.8	15.5	13.4	12.0	8.9	3.6	3.2
6.	3.4	2.4	3.6	1.2	-1.7	.8	1.3	3.2	5.2	8.0	9.8	12.0	11.3	11.8	12.2	12.2	11.0	9.6	8.0	7.5	5.7	3.3	2.3	1.9
7.	1.3	.7	.9	1.1	1.1	1.0	1.1	1.5	2.0	3.8	4.4	4.8	5.2	5.4	6.2	5.8	6.3	6.7	6.2	5.9	4.3	3.6	-1.1	-1.6
8.	-1.3	-2.1	-2.3	-3.1	-3.2	-3.4	-2.6	2.2	5.3	7.4	8.0	8.9	10.2	10.9	12.0	11.3	12.5	11.5	11.2	9.6	6.8	3.9	0.0	-0.7
9.	-1.1	-0.8	-2.0	-2.1	-2.9	-3.3	-1.4	1.8	5.1	8.4	10.2	11.8	12.0	12.7	13.4	14.1	14.3	14.3	14.0	12.3	11.2	7.4	7.1	6.8
10.	6.7	6.2	6.1	5.7	5.7	5.3	5.5	7.1	9.8	10.9	12.8	15.7	16.2	16.8	16.1	15.3	13.6	13.3	12.9	12.2	11.2	9.7	10.2	9.8
11.	8.5	7.4	6.3	5.1	4.5	4.0	4.5	5.1	6.2	6.4	7.3	7.2	8.3	8.0	7.4	7.4	8.4	8.5	8.6	8.5	6.8	3.8	1.0	0.0
12.	-1.4	.2	-1.8	-3.2	-1.6	-2.0	-0.5	4.2	7.8	10.7	11.7	12.3	12.7	12.4	10.3	8.4	8.2	9.0	9.1	8.7	8.2	8.2	7.5	6.7
13.	6.6	5.8	6.2	5.8	5.7	6.0	6.0	7.3	9.2	10.7	13.0	14.1	14.0	17.4	17.2	16.7	16.7	16.4	14.7	14.7	12.0	9.5	7.1	6.2
14.	7.0	4.4	2.4	2.8	2.8	2.9	3.0	8.3	11.6	14.5	15.0	16.8	18.3	18.0	18.5	19.6	18.8	18.6	18.5	16.9	14.2	10.9	9.5	9.8
15.	9.8	7.1	7.0	7.4	7.5	7.8	8.6	11.4	14.5	16.8	18.4	20.0	21.0	22.0	21.6	22.5	22.0	21.0	20.7	20.0	18.2	17.6	16.8	17.0
16.	15.6	16.2	15.2	14.6	14.6	14.1	14.2	15.1	15.8	16.6	18.2	19.8	21.6	24.0	25.4	28.4	29.6	29.5	28.1	26.2	25.2	24.1	23.6	22.8
17.	22.3	21.9	20.8	21.5	21.7	20.5	17.6	15.6	16.6	18.8	20.3	21.2	21.8	22.6	21.6	21.6	21.9	22.4	21.9	21.4	21.0	20.2	18.8	17.9
18.	17.4	15.5	13.4	12.5	11.6	11.8	13.0	14.2	14.2	14.4	14.8	15.6	15.6	16.3	16.3	15.1	15.2	14.9	14.2	13.4	12.4	11.0	9.3	10.0
19.	9.5	9.0	9.1	8.3	8.1	8.0	8.6	9.6	12.0	9.8	10.5	10.8	11.2	11.2	10.9	9.9	9.9	9.7	9.6	8.8	8.3	7.3	6.8	7.0
20.	6.6	6.7	6.8	6.5	6.3	6.2	6.4	6.6	7.4	9.1	11.3	12.4	13.0	12.8	13.2	14.0	14.2	13.9	13.2	13.0	13.0	13.0	12.7	12.3
21.	11.0	11.2	11.2	11.0	10.5	10.0	10.5	12.0	14.5	16.6	17.4	19.5	18.8	19.1	20.2	19.3	19.5	17.4	17.6	16.9	15.8	13.4	12.6	11.7
22.	9.8	9.5	8.9	8.4	6.6	6.6	7.7	9.5	10.5	11.0	9.6	10.5	11.2	12.8	12.8	13.3	14.0	15.0	14.3	13.6	11.1	10.1	8.7	6.9
23.	7.0	8.9	8.0	6.8	4.7	4.9	6.8	9.7	10.6	11.6	12.8	14.2	14.8	15.8	15.8	16.3	16.7	16.6	13.0	12.1	10.2	10.4	10.4	10.1
24.	9.6	8.1	7.6	8.2	8.0	7.9	7.4	8.6	10.0	10.6	11.3	11.8	10.9	10.2	9.5	9.1	7.8	7.5	6.6	5.4	4.5	3.8	4.2	3.6
25.	3.0	3.2	3.2	2.8	2.8	2.3	2.9	3.8	5.2	7.2	7.6	8.0	8.5	10.0	9.3	10.3	9.9	9.6	9.4	9.0	7.7	6.3	6.3	5.4
26.	4.4	3.7	2.7	3.2	2.6	2.8	4.5	7.8	9.9	11.8	13.0	13.0	13.7	15.5	16.7	15.2	16.0	16.0	14.2	12.3	10.5	8.5	6.1	4.2
27.	1.7	-0.5	.7	-0.4	-1.9	-0.3	.9	5.2	9.2	11.4	12.6	13.3	14.0	15.9	15.8	16.8	17.2	17.0	16.5	16.0	12.5	10.2	8.5	7.5
28.	6.8	7.4	7.3	5.0	5.0	5.0	6.6	10.8	14.2	16.2	17.6	19.2	18.9	19.6	19.4	21.3	20.2	19.6	19.9	18.5	16.2	14.8	14.0	12.6
29.	11.0	8.8	7.7	6.2	4.3	4.6	9.8	10.9	12.3	14.7	19.1	19.8	21.8	22.5	22.9	23.0	23.5	23.0	23.0	21.6	20.4	19.4	17.8	16.9
30.	15.8	15.3	14.5	13.5	13.2	13.6	14.2	15.2	17.9	21.0	23.5	24.7	26.5	27.9	28.7	30.6	31.3	30.2	30.4	28.5	24.4	25.0	23.5	23.8
31.	21.9	20.9	19.6	19.7	19.1	17.7	18.0	20.2	21.4	22.0	24.6	25.6	27.6	29.8	32.1	32.0	33.3	33.0	31.2	22.8	20.2	19.4	16.3	14.9

MEAN	6.8	6.2	5.5	5.0	4.5	4.3	5.2	7.4	9.5	11.5	12.7	13.9	14.6	15.4	15.7	15.9	16.0	15.6	15.0	13.7	11.8	10.2	8.7	8.0
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DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	2.1	3.3	5.4	6.4	7.5	6.1	3.2	4.7	6.8	10.6	6.2	6.1	10.8	11.8	15.7	20.8

MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	20.5	13.8	9.2	10.4	14.9	10.5	11.2	8.0	6.4	9.5	9.2	14.0	16.0	22.2	23.5

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS				MAY / MAI				19 84					
Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	°Celsius — Millimètres (mm) — Millimètres (mm) — Centimètres (cm) — Kilomètres/par heure (km/h) — Kilopascals (kPa)	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS					YEARS OF RECORD ANNÉES D'OBSERVATIONS			
		VALUE RELEVÉ	DATE	VALUE RELEVÉ	DATE		HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU					
							VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR		YEAR ANNÉE		
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		33.8	31	26.0	27	29.4	37.8	30	1934	21.7	27/ 28	1974	113		
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-6.0	2	-8.6	15	-5.0	0.6	30	1922	-11.7	2	1907	113		
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		10.1		8.3		11.3	17.8		1977	4.4		1907	113		
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		29.8		29.1		63.2	177.7		1977	0.8		1917	113		
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		Tr.		Tr.		2.5	32.5		1931	Nil		(SEV)	113		
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		29.8		29.1		65.7	177.7		1977	0.8		1917	113		
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		8		11		10	17		(SEV)	1		1917	101		
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		12.4	20	14.2	27*		67.6	11	1911				113		
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		Tr.	1,7	Tr.	12/ 13/24		21.1	1	1967				113		
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		12.4	20	14.2	27*		71.1	11	1911				113		
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:															
5 MINUTES		1.0	31	8.4	27		10.0	25	1978				25		
10 MINUTES		1.2	31	12.5	27		20.0	25	1978				25		
15 MINUTES		1.4	31	13.7	27		24.0	25	1978				25		
30 MINUTES		2.1	12	14.0	27		27.4	25	1978				25		
60 MINUTES		3.2	24	14.2	27		31.6	25	1978				25		
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		12.4	20	18.4	27-28		67.6	11	1911				113		
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		18.1		19.8		20.2	26.1		1959	14.6		1972/ 1976	64		
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	WSW 52 E 52	17 24		NW 48 SSE 48* SE 48	3 9	58	NW 80	10	1959				46		
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	WSW 76	17		SSE 78	9	84	NW 109	10	1959				41		
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		293.4		299.1		265.6	357.4		1917	126.6		1927	85		
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.42		98.58		98.53	98.92		1961	98.17		1965	46		
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.31	28	99.69	7	99.97	100.54	7	1951						
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.78	31	97.04	21	96.65				95.49	5	1950	46		
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX	YEARS DERNIÈRE ANNÉES	(10)
YEAR ANNÉE	MAXIMUM TEMP. MAXIMALE	MINIMUM TEMP. MINIMALE	MEAN TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. TOTALE	MEAN WINDSPEED VITESSE MOYENNE DES VENTS	MAXIMUM WINDSPEED VITESSE MAXIMALE DES VENTS	HOURS SUNSHINE HEURES INSOLATION	HEATING DEGREE-DAYS DEGREES-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGREES-JOURS DE CROISSANCE				
1975	26.7	-0.6	12.2	45.2	2.8	47.5	17.1	S 47	283.8	180.4	225.4				
1976	29.5	-8.2	11.8	10.4	Tr.	10.4	14.6	N 44	356.9	198.4	227.0				
1977	32.6	-1.8	17.8	177.7	Tr.	177.7	21.2	NW 56	286.8	63.7	396.8				
1978	28.9	-1.1	14.5	122.6	Nil	122.6	20.6	N 56	316.9	127.6	294.2				
1979	27.2	-2.9	7.3	82.6	8.3	93.1	19.8	SW 70	201.8	330.3	107.1				
1980	37.0	-4.7	15.7	7.0	0.8	7.8	17.2	N 65	319.8	140.6	336.5				
1981	29.9	-8.5	10.9	47.6	Tr.	47.6	18.7	NNE 63	294.4	224.0	189.2				
1982	31.0	-4.6	13.4	23.3	Tr.	23.3	19.5	S 46 WNW 46	241.9	155.8	266.0				
1983	26.0	-8.6	8.3	29.1	Tr.	29.1	19.8	NW 48 SSE 48 SE 48	299.1	300.2	126.5				
1984	33.8	-6.0	10.1	29.8	Tr.	29.8	18.1	WSW 52 E 52	293.4	260.2	167.9				

\*18.4 mm precipitation and rain on May 27-28, 1983.