

1984 INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE

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	24	25	26	27	28	29	30	31	PEAK GUSTS	TIMES (CST)
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	31	1102	
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	31	1304	
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	31	1832	
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	31	0415	
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	31	1010	
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	31	0720	
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	31	1647	
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	31	1853	
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	31	1243	
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	31	1446	
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	31	1632	
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	31	1410	
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	31	2203	

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JUNE  
 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.	14.7	13.5	13.2	12.2	10.6	9.7	10.8	13.3	15.5	17.5	17.8	16.5	17.1	18.4	17.9	18.2	18.6	18.8	18.6	17.7	16.5	14.9	14.6	13.3
2.	12.2	10.6	11.8	9.9	9.6	9.9	11.6	14.0	16.3	15.8	16.8	18.2	20.1	20.9	22.1	23.0	23.0	22.7	22.8	21.7	18.6	17.2	15.8	15.1
3.	15.0	13.9	13.4	12.5	11.6	10.6	11.0	13.4	17.2	19.5	20.9	21.7	22.0	22.5	23.5	24.1	24.6	24.1	23.2	22.0	19.2	17.5	15.2	15.0
4.	13.5	11.4	9.0	7.9	5.2	5.8	11.8	16.6	18.7	19.2	19.1	19.1	18.8	18.5	18.4	19.0	18.8	18.7	19.3	19.0	18.5	16.5	15.5	14.6
5.	12.3	13.8	14.8	15.2	15.0	14.8	14.5	14.6	15.2	15.2	15.1	15.4	15.4	15.3	14.9	15.0	14.8	14.9	14.8	14.8	14.8	14.8	15.0	15.0
6.	15.0	15.0	14.8	14.8	14.6	14.6	14.6	14.9	15.0	15.3	15.0	15.5	15.7	16.2	16.9	17.1	16.4	16.0	17.1	15.9	16.1	15.8	16.9	16.4
7.	16.2	17.1	14.6	14.3	14.6	14.4	14.3	16.2	17.8	18.4	20.2	21.7	23.5	21.6	25.0	24.0	25.0	24.2	24.3	23.7	22.5	19.6	18.2	19.1
8.	18.4	17.8	16.4	16.3	16.2	15.9	15.1	15.2	15.8	16.4	17.6	17.4	17.0	17.0	17.0	16.8	16.0	15.0	14.9	14.1	13.2	12.2	11.8	
9.	11.1	10.9	10.8	10.4	9.9	9.2	9.7	9.6	10.4	9.9	10.6	11.0	11.0	11.4	11.8	11.6	11.4	12.2	12.2	12.1	11.3	10.8	10.3	9.4
10.	9.1	6.9	4.9	4.3	3.7	5.0	7.2	8.9	10.5	11.8	13.7	14.0	14.9	16.2	16.6	17.1	17.2	17.6	16.9	16.7	14.8	11.0	11.4	10.3
11.	9.8	9.6	9.7	8.7	8.3	8.2	9.7	13.0	14.9	17.2	19.4	20.6	20.3	20.7	20.4	19.1	19.1	18.4	17.0	16.3	14.9	14.2	14.0	13.8
12.	12.8	12.7	12.2	12.4	12.8	13.3	13.3	12.5	12.6	13.3	13.6	15.3	15.8	15.3	14.4	13.6	13.0	12.1	11.5	12.4	12.6	12.6	11.4	10.8
13.	9.8	10.0	9.8	8.8	7.7	7.5	8.3	11.4	12.7	14.9	16.2	17.2	18.1	18.6	18.8	18.8	19.4	19.0	18.8	18.0	15.8	13.6	12.1	9.5
14.	8.7	8.6	7.0	5.8	5.9	6.6	10.0	13.0	14.3	16.2	17.1	18.5	18.8	20.1	19.6	19.3	19.5	19.6	19.5	18.7	16.8	15.1	14.6	14.4
15.	12.9	12.6	12.2	11.6	10.4	12.6	13.6	14.7	15.9	17.6	18.8	19.8	19.2	18.2	19.2	19.3	19.4	19.3	20.1	19.2	18.4	18.0	17.9	17.6
16.	17.4	17.1	16.4	16.7	17.0	16.1	18.2	19.0	19.6	20.2	22.4	24.9	25.3	25.3	25.0	24.8	24.6	24.1	24.3	23.6	23.2	21.1	18.5	17.6
17.	16.1	15.7	16.1	16.2	16.4	15.6	16.3	16.9	17.8	20.0	20.3	21.2	23.0	23.4	24.4	24.6	25.1	24.8	22.9	22.5	19.6	18.6	17.7	16.8
18.	16.8	16.8	15.6	14.8	14.0	14.0	14.4	15.9	17.7	17.6	18.4	19.7	20.5	20.8	21.6	21.8	21.9	21.9	21.9	21.6	20.5	19.4	17.0	14.4
19.	14.0	14.0	13.6	13.6	12.7	13.4	14.5	16.2	17.2	19.3	20.7	20.6	21.6	22.4	23.1	23.5	23.7	23.3	22.8	22.2	20.6	18.9	17.5	16.5
20.	14.6	14.3	13.8	12.7	11.8	12.4	13.8	16.0	19.1	20.0	21.6	22.9	22.9	24.0	25.2	24.4	24.4	24.6	23.9	23.2	22.8	22.0	21.7	21.2
21.	20.0	19.6	18.8	18.0	17.6	17.5	17.7	19.2	19.7	21.0	20.9	17.5	18.2	20.7	22.6	24.0	25.8	24.4	23.5	18.5	18.7	20.2	19.5	19.3
22.	18.9	18.6	18.1	18.2	18.7	18.4	18.7	18.6	19.0	20.1	22.0	23.6	24.4	24.6	24.6	24.8	25.4	25.8	25.3	18.2	18.4	17.3	17.2	15.9
23.	15.8	14.3	14.0	13.5	13.3	13.1	13.6	13.7	12.9	14.1	16.7	17.4	17.4	18.9	18.8	20.1	20.8	21.0	17.5	18.2	17.2	15.9	14.6	14.1
24.	12.1	11.7	12.1	12.2	11.1	10.9	12.1	14.2	15.6	16.5	17.9	18.4	20.5	21.4	22.1	22.7	22.9	22.8	22.2	21.4	20.2	16.7	15.9	15.4
25.	14.6	13.9	13.7	13.5	13.3	13.2	14.9	16.8	19.3	21.9	22.8	24.8	26.6	28.0	30.0	29.4	29.2	27.6	27.1	24.8	22.6	20.7	18.7	20.9
26.	18.5	18.0	17.5	16.4	15.8	15.8	15.3	15.6	15.5	15.8	15.0	15.1	15.8	18.6	20.2	21.2	22.0	21.4	21.6	20.2	18.8	17.3	15.5	15.4
27.	14.5	14.5	13.0	12.3	12.1	12.1	13.4	15.5	17.9	19.4	20.3	21.1	22.4	22.6	23.0	23.5	23.9	23.9	23.7	23.2	20.9	20.0	18.3	16.9
28.	16.7	17.2	16.7	15.3	14.7	14.5	15.8	17.5	19.8	22.0	22.7	23.3	24.0	24.5	25.0	25.0	24.4	24.8	24.4	23.2	21.2	19.2	18.3	17.1
29.	17.0	15.3	15.0	14.1	13.3	13.3	14.7	17.0	19.0	20.7	22.3	23.5	24.0	24.5	24.9	25.1	24.9	24.8	24.7	24.1	23.0	21.1	20.7	19.8
30.	19.7	18.5	17.2	16.2	15.5	15.6	16.6	18.4	20.0	21.7	23.0	24.2	25.4	26.4	26.4	27.3	26.4	25.2	21.1	19.4	18.2	17.8	16.9	16.0

MEAN	14.6	14.1	13.5	13.0	12.5	12.5	13.5	15.1	16.4	17.6	18.5	19.2	20.0	20.6	21.1	21.3	21.4	21.1	20.6	19.5	18.3	17.0	16.0	15.4
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MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	15.4	16.7	18.1	15.5	14.8	15.7	19.6	15.8	10.8	11.7	14.9	13.0	14.0	14.5	16.6	20.9

MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MEAN	19.7	18.0	18.6	19.7	20.1	20.6	16.0	17.0	21.2	17.6	18.7	20.3	20.3	20.5

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		JUNE / JUIN		19 84												
Temperature/Température	— Celsius	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						
Precipitation/Précipitation	— Millimetres (mm)		VALUE RELEVÉ	DATE		VALUE RELEVÉ	DATE	HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU							
Rainfall/Hauteur de pluie	— Millimetres (mm)	VALUE RELEVÉ			DAY JOUR			YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	YEARS OF RECORD ANNÉES D'OBSERVATIONS						
Snowfall/Hauteur de neige	— Centimetres (cm)																	
Wind speed/Vitesse du vent	— Kilometres per hour (km/h)																	
Station pressure/Pression à la station	— Kilopascals (kPa)																	
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		30.1	25	32.2	10, 11	31.7		38.3	23	1900	26.1	24, 1901	1957	113				
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		3.2	10	0.8	5	1.5		6.7	9, 11, 12	1873	-6.1	1	1888	113				
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		17.0		17.1		16.8		20.3		1910	12.3		1969	113				
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		227.9		139.2		80.1		255.8		1901	3.3		1961	113				
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		0.0		0.0		Tr.		1.3		1875				113				
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		227.9		139.2		80.1		255.8		1901	3.3		1961	113				
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		14		13		11		20		1901	3		1961	101				
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		69.8	21	44.5*	22			152.4	26	1901				113				
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE				0.0				1.3	1	1875				113				
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		69.8	21	44.5*	22			152.4	26	1901				113				
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:																		
5 MINUTES		12.7	21	13.2	20			13.2	20	1983				28				
10 MINUTES		19.2	21	17.2	20			19.2	21	1984				28				
15 MINUTES		23.0	21	19.3	20			23.0	21	1984				28				
30 MINUTES		39.8	21	23.2	20			39.8	21	1984				28				
60 MINUTES		56.6	21	28.0	22			56.6	21	1984				28				
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		69.8	21	52.3	21-22			152.4	26	1901				113				
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		15.2		16.0		18.1		23.0		1965	13.4		1928	64				
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		W, WNW 41	2	SSE 43	11	56		S 90	7	1954				46				
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		NNW 83	16	W 69	20	86		WNW 127	29	1967				41				
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		267.6		272.9		276.1		376.0		1974	172.8		1925	85				
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.20		98.21		98.31		98.60		1961	97.86		1973	38				
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.46	14	99.32	27	99.59		100.37	14,	1961				46				
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.29	6	97.09	30	96.66			1	1967	94.86	7	1954	46				
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX		YEARS DERNIÈRE ANNÉES		(10)	
YEAR ANNÉE	MAXIMUM TEMP. TEMP. MAXIMALE	MINIMUM TEMP. TEMP. MINIMALE	MEAN TEMP. TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. PRECIP. TOTALE	MEAN WINDSPEED VITESSE MOYENNE DES VENTS	MAXIMUM WINDSPEED VITESSE MAXIMALE DES VENTS	HOURS SUNSHINE HEURES INSOLATION	HEATING DEGREE DAYS DEGRES JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRES JOURS DE CROISSANCE							
1975	30.8	3.3	16.9	120.4		120.4	14.5	ESE 48	252.0	76.5	357.6							
1976	31.8	2.6	18.3	182.5		182.5	18.8	S 54	261.3	47.0	397.8							
1977	29.5	5.6	16.7	88.4		88.4	18.4	NW 59	240.0	53.1	351.0							
1978	31.1	1.1	16.1	51.5		51.5	16.7	N 52	280.1	89.1	332.6							
1979	34.0	3.8	16.2	65.1		65.1	16.7	S 59	335.1	76.7	336.2							
1980	34.4	0.8	16.8	44.6		44.6	19.4	ESE 59	286.2	74.2	356.0							
1981	27.5	4.7	16.0	90.4		90.4	16.5	NW 56	273.5	65.8	329.3							
								NNW										
1982	27.1	-1.0	13.6	54.2		54.2	17.5	S 59	304.3	135.9	257.6							
1983	32.2	0.8	17.1	139.2		139.2	16.0	SSE 43	272.9	65.6	362.5							
1984	30.1	3.2	17.0	227.9		227.9	15.2	W, WNW 41, S 41	267.6	57.6	358.6							

\*Twenty-four hour rainfall 52.3 mm on June 21-22, 1983.