

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST 1981
 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.	15.1	13.2	11.7	11.8	10.2	8.6	10.0	14.2	16.4	17.4	19.8	20.7	21.0	22.8	23.7	24.0	24.3	24.0	23.5	21.9	18.7	17.0	16.8	15.0
2.	16.0	15.8	16.0	16.3	16.5	16.5	15.7	17.8	18.1	16.3	16.3	18.4	22.2	22.8	24.8	25.2	25.6	25.5	25.1	24.2	21.6	19.6	18.8	16.5
3.	15.7	14.8	14.3	14.0	14.5	15.3	14.8	16.5	17.8	19.4	20.4	21.0	20.2	22.2	21.8	21.0	20.8	21.0	22.0	21.3	19.8	17.3	15.3	15.1
4.	14.1	14.4	14.0	12.6	12.3	12.0	12.9	16.1	18.5	21.7	22.9	25.1	25.9	26.5	27.0	27.1	28.2	28.2	27.8	26.4	24.0	24.2	23.3	22.3
5.	20.2	20.0	18.8	18.8	19.4	19.6	19.0	19.5	20.8	21.0	21.4	20.2	18.9	19.1	19.6	19.1	19.2	19.2	18.9	18.4	17.7	17.2	17.4	17.5
6.	17.3	17.2	17.2	17.0	17.2	17.3	17.4	17.6	18.0	18.9	19.9	22.1	22.0	23.9	24.7	24.0	24.1	24.8	24.0	22.9	19.8	18.0	16.2	15.4
7.	15.8	14.1	13.5	13.0	13.2	12.3	13.0	15.8	18.0	20.8	22.9	24.5	25.7	27.2	28.3	27.8	27.8	27.5	26.8	22.4	20.0	18.3	18.7	18.7
8.	17.3	16.5	15.5	15.0	14.4	15.2	16.5	17.2	18.9	20.0	19.9	21.4	20.5	19.9	21.1	21.0	20.5	20.0	19.5	19.3	18.2	15.3	13.4	12.2
9.	11.3	11.1	10.0	9.8	10.2	11.1	13.2	14.0	15.3	18.5	19.3	20.2	20.3	21.8	21.8	22.5	22.8	22.2	21.4	20.0	17.6	15.7	15.0	16.2
10.	15.0	14.1	13.7	13.5	12.5	11.5	11.3	12.9	16.1	18.0	20.3	22.1	23.5	23.2	25.8	26.5	26.0	26.0	25.7	24.2	21.5	19.8	18.8	17.6
11.	17.4	18.1	17.6	17.4	17.1	16.4	16.1	17.3	19.1	21.6	23.7	26.1	28.7	30.4	31.7	31.8	31.8	31.3	29.6	27.4	23.5	21.7	19.8	20.3
12.	19.0	17.8	17.0	16.1	15.3	13.6	14.9	15.5	17.8	19.6	21.0	22.7	24.0	23.3	25.9	26.2	24.7	24.0	22.5	20.8	19.2	17.0	16.8	14.5
13.	14.4	15.0	15.3	15.6	15.2	15.1	16.9	16.9	19.2	21.3	24.3	27.3	28.6	29.7	31.0	32.1	33.3	31.5	30.7	27.2	24.0	23.6	20.9	19.4
14.	17.3	16.1	15.4	14.9	13.5	11.9	11.8	13.8	17.3	19.7	20.4	21.7	22.2	22.3	23.7	22.5	23.4	23.0	21.4	19.9	18.6	16.7	14.9	12.2
15.	12.4	10.7	10.3	9.4	8.5	8.6	9.1	11.8	15.3	17.0	18.5	19.5	20.0	20.8	20.3	20.4	20.6	20.7	20.2	18.7	16.3	16.1	14.3	12.6
16.	11.0	10.4	9.6	9.4	8.6	8.2	8.2	10.7	11.8	14.8	17.3	18.8	19.5	20.8	20.8	22.1	22.6	22.7	22.1	20.0	17.8	16.8	16.3	15.8
17.	14.9	13.3	12.4	11.5	10.7	10.8	11.8	12.6	14.3	16.3	18.6	20.2	23.2	26.5	27.7	22.6	16.7	19.2	21.2	21.3	18.9	18.6	17.2	16.7
18.	16.8	17.0	15.3	15.5	14.2	14.0	13.8	14.8	16.0	18.8	22.0	23.7	25.3	26.3	26.5	26.9	27.7	27.4	26.3	24.1	22.1	21.8	21.1	20.2
19.	19.6	18.3	17.2	16.9	16.7	15.8	16.0	16.5	18.0	20.3	23.0	24.2	26.2	27.5	28.0	28.4	28.4	27.9	26.5	25.3	24.0	22.8	21.9	21.2
20.	20.8	20.2	19.5	18.5	17.9	17.4	16.9	17.6	18.0	20.0	21.7	23.0	24.0	25.6	27.0	26.2	27.1	26.3	26.7	25.1	24.0	23.5	22.0	21.5
21.	21.9	21.3	21.1	20.2	19.7	19.2	19.4	20.3	20.9	21.4	23.0	24.5	23.8	23.9	24.3	25.0	25.0	24.9	23.6	22.7	21.9	21.0	20.9	19.4
22.	18.6	17.0	16.8	14.9	15.7	16.5	15.8	17.9	18.9	20.5	21.3	22.2	24.5	25.1	26.7	26.9	27.3	27.3	26.2	24.9	23.4	22.4	22.1	22.0
23.	21.5	20.1	19.8	19.8	19.1	19.8	20.0	20.1	21.4	23.4	24.4	25.3	26.1	27.0	26.1	26.4	25.8	26.6	22.9	23.5	22.4	23.6	23.5	22.6
24.	21.8	21.3	20.7	20.2	19.7	19.7	20.8	20.8	21.3	21.9	24.1	24.6	25.8	26.6	26.9	27.0	26.7	23.9	24.9	23.6	22.5	21.4	20.6	19.3
25.	19.0	19.0	19.0	18.6	18.8	18.3	18.2	18.6	19.0	20.0	20.9	21.7	23.6	24.9	25.1	25.7	25.8	25.6	25.7	24.5	23.7	21.9	19.6	18.0
26.	18.7	18.8	17.8	16.8	16.5	15.2	15.4	17.5	19.7	21.1	23.6	25.8	26.8	27.0	27.2	27.0	26.2	25.2	24.0	20.6	17.7	16.4	17.0	15.6
27.	15.2	14.3	13.3	13.3	12.7	12.3	12.4	13.9	17.0	19.2	22.9	24.6	25.0	25.6	26.6	26.4	26.0	25.6	24.2	23.0	18.4	19.3	16.9	16.4
28.	14.3	16.2	15.0	13.8	14.0	13.4	13.0	14.1	16.8	20.4	22.9	25.9	27.0	27.0	26.6	27.2	26.2	25.2	24.2	23.7	19.4	19.0	17.2	16.9
29.	16.3	15.9	15.8	14.8	13.1	13.1	13.3	14.7	16.8	20.6	21.4	22.9	24.2	26.0	26.0	26.8	27.3	26.8	26.2	23.4	21.3	20.8	17.0	18.6
30.	18.1	17.6	18.0	16.8	16.9	16.2	16.4	17.4	19.0	21.5	23.9	25.9	28.1	28.7	29.0	30.3	29.1	29.1	27.6	26.3	25.2	24.2	22.8	22.9
31.	22.2	21.8	21.8	20.6	20.3	19.9	19.6	19.6	20.0	20.6	19.7	20.5	16.9	15.6	14.4	13.8	12.8	12.8	12.3	11.5	11.8	10.4	9.4	9.4
MEAN	17.1	16.5	15.9	15.4	15.0	14.7	14.9	16.3	17.9	19.7	21.3	22.8	23.6	24.6	25.2	25.2	24.9	24.7	24.0	22.4	20.5	19.5	18.3	17.5

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		AUGUST / AOÛT		19 81							
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		32.3	13	30.7	19	32.8	40.6	7	1949	27.2	15 20	1885	110
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		7.8	15	3.5	27	3.6	7.8	12, 15	1961 1981	-1.1	31 27 28	1888 1891 1910	110
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		20.1		16.9		18.7	21.6		1961	14.4		1977	110
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		103.6		109.8		73.7	180.6		1876	3.3		1915	110
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE													
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		103.6		109.8		73.7	180.6		1876	3.3		1915	110
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		8		16		10	20		1977	1		1915	98
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		56.6	5	25.7	3		84.6	16	1884				110
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE													
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		56.6	5*	25.7	3		84.6	16	1884				110
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		10.9	5	7.1	3		10.9	5	1981				24
10 MINUTES		12.8	5	8.9	3		19.2	1	1979				24
15 MINUTES		16.4	5	8.9	3		25.7	1	1979				24
30 MINUTES		18.9	5	15.5	3		35.8	15	1972				24
60 MINUTES		25.4	5	20.0	3		39.6	1	1979				24
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		58.2	5-6	28.0	3-4		84.6	16	1884				110
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		13.4		13.8		17.1	22.0		1964	12.6		1972	61
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		N 46	31	SE 52 NW 52	4 25	51	N 77	30	1944				43
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		ENE85	17	ESE83	4	84	NW122	18	1973				37
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		288.0		236.1		276.2	350.8		1967	160.5		1912	82
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.57		98.22		98.49	98.91		1957	98.14		1969	43
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.58	16	99.59	27	99.67	100.44	30	1967				43
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.10	31	95.82	4	97.02				95.82	4	1980	43
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES										YEARS DERNIÈRE ANNÉES			
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 DEGRES-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRES-JOURS DE CROISSANCE		
1972	36.1	3.3	18.5	103.1		103.1	12.6	WNW39	284.5	51.1	422.2		
1973	32.8	5.0	19.9	65.5		65.5	13.5	NNW72	303.7	11.1	465.6		
1974	31.7	3.3	16.7	109.7		109.7	17.5	NNW51	269.7	67.2	365.6		
1975	30.4	3.3	16.7	132.8		132.8	15.6	NW 64	254.3	66.2	362.6		
1976	36.3	3.8	19.3	59.0		59.0	15.5	W,WNW43	307.9	30.7	442.6		
1977	28.9	2.0	14.4	89.6		89.6	13.9	WNW41	234.6	113.9	291.0		
1978	34.9	1.4	17.4	18.5		18.5	15.5	S 44	268.1	65.2	384.6		
1979	29.5	4.0	16.4	76.1		76.1	15.2	SE 46	284.7	69.9	352.6		
1980	30.7	3.5	16.9	109.8		109.8	13.8	NW 52 SE52	236.1	47.8	370.0		
1981	32.3	7.8	20.1	103.6		103.6	13.4	N 46	288.0	11.6	468.6		