



HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF NOVEMBER 1980  
 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	-4.3	-6.0	-5.8	-5.0	-7.4	-7.4	-7.5	-6.5	-5.0	-3.0	-2.0	-7	-1	-1	0.0	.5	.6	0.0	-1.2	-1.6	-1.4	-1.7	-1.8	-1.8
2	-1.0	0.0	.5	1.0	2.2	2.4	2.2	2.7	3.5	3.0	3.6	6.0	6.5	9.1	10.7	11.5	10.9	8.1	8.7	6.8	7.3	6.8	1.7	-2
3	-1.0	-7	-7	.5	1.5	1.5	.3	-2.2	0.0	1.0	3.6	6.0	7.6	8.3	8.8	8.5	7.3	4.3	3.3	2.8	3.3	2.3	1.0	3
4	-7	-1.0	-7	-1.0	-2.1	-2.1	-1.4	-2.2	-1.5	0.0	2.0	4.5	4.5	5.7	6.5	6.0	4.8	1.4	-3	2.8	-2.6	-3.0	-2.1	-2.0
5	-1.1	-1.8	-7	.1	.3	.4	.6	.7	.7	2.0	5.7	8.1	10.5	12.8	15.1	14.5	12.0	11.6	10.5	9.8	9.0	8.8	7.4	5.8
6	5.0	3.8	1.8	.9	1.3	1.0	.5	-2	-3	1.9	4.2	5.5	6.1	6.4	6.3	5.9	3.7	2.7	2.0	1.0	-6	-1.1	-1.5	-1.5
7	-1.2	-1.2	-2.0	-2.3	-2.7	-2.7	-2.7	-3.0	-3.3	-3.2	-3.4	-3.3	-2.9	-2.6	-2.0	-1.9	-2.4	-2.7	-2.8	-2.7	-2.2	-1.8	-1.8	-2.0
8	-2.0	-1.7	-1.7	-1.2	-1.1	-1.1	-8	-5	0.0	.2	.2	.5	.5	.7	1.0	.8	.6	.2	.2	.5	.8	1.3	1.7	-2.2
9	-2.8	-3.2	-3.8	-4.2	-4.8	-5.1	-5.7	-5.6	-5.2	-7.2	-5.2	-7.5	-7.2	-6.0	-5.8	-5.8	-6.5	-8.8	-10.7	-13.0	-11.7	-13.0	-13.7	-13.8
10	-14.2	-15.3	-15.3	-15.7	-15.0	-13.1	-13.9	-13.8	-11.8	-10.7	-8.3	-6.5	-5.3	-4.2	-3.7	-3.3	-2.9	-3.0	-3.5	-3.5	-2.5	-2.7	-2.4	-2.9
11	-3.2	-3.6	-3.8	-3.2	-3.1	-2.6	-1.8	-1.3	-1.5	-1.0	-1.0	-5	.5	1.1	1.8	2.2	1.9	.5	-.7	-.2	0.0	-.5	-.5	-3
12	0.0	0.0	-.1	-.1	-.2	-.1	.2	.2	.2	.2	.5	.5	.5	.5	.5	.5	.5	.2	.1	0.0	0.0	-.2	-.3	-6
13	-.6	-.6	-.7	-.5	-.6	-.6	-.1	-.3	0.0	.1	0.0	.1	-.8	.5	.5	.1	0.0	-.4	-.7	-.9	-.8	-1.1	-1.4	-2.0
14	-1.8	-2.5	-2.6	-2.5	-3.3	-4.3	-5.0	-5.2	-4.6	-3.9	-3.0	-1.4	.4	1.3	2.6	3.2	2.7	1.4	.3	-1.4	-3.3	-3.5	-5.3	-6.5
15	-6.9	-8.1	-8.8	-9.1	-7.5	-6.9	-5.7	-5.0	-5.0	-4.0	-2.5	-1.4	-1.0	.1	.9	1.7	1.6	0.0	0.0	-1.0	-1.9	-2.3	-3.0	-4.5
16	-3.6	-4.1	-3.2	-2.0	-7	-5	0.0	-.2	0.0	-.3	-1.7	-1.8	-1.7	-2.1	-2.2	-2.3	-2.5	-2.8	-2.8	-3.8	-6.2	-7.6	-7.7	-10.7
17	-8.8	-8.3	-9.1	-7.4	-9.0	-9.0	-8.6	-8.1	-7.2	-6.7	-4.9	-3.5	-2.3	-1.2	-.5	-.5	-.8	-2.0	-2.6	-3.5	-3.8	-3.8	-3.8	-4.0
18	-3.8	-4.0	-3.3	-3.5	-3.8	-4.0	-4.3	-4.3	-3.5	-1.7	-.5	1.5	3.2	4.2	4.0	4.5	4.6	3.8	4.1	2.8	2.3	1.5	1.5	1.5
19	.4	.1	-1.1	-1.8	-2.1	-2.7	-2.6	-2.3	-3.2	-2.2	-.2	1.9	3.2	2.9	3.4	2.9	2.5	1.7	1.0	1.5	1.3	.5	.1	2
20	-.8	-1.0	-.4	-.6	-.8	-1.2	-1.0	-1.1	-1.5	-1.7	-1.5	-1.2	-.4	.5	.2	.3	-.8	-1.8	-2.7	-3.8	-4.3	-3.2	-2.8	-3.6
21	-3.9	-3.9	-4.4	-4.5	-4.4	-4.0	-3.6	-3.3	-3.4	-2.5	-.9	.4	1.4	2.5	3.8	4.0	3.2	2.3	2.0	2.7	2.7	2.7	2.2	2.0
22	1.9	2.6	2.4	2.5	2.7	3.1	2.9	3.0	2.9	4.1	2.9	1.6	1.6	2.0	1.9	1.9	0.0	-.7	-1.0	2.0	-2.1	-2.2	-2.2	-3.0
23	-3.7	-4.9	-6.2	-6.7	-7.6	-8.0	-8.8	-9.9	-11.1	-11.1	-10.3	-9.8	-8.6	-8.1	-7.9	-7.5	-7.9	-9.2	-10.1	-11.1	-10.7	-10.3	-10.8	-10.6
24	-11.0	-10.4	-10.4	-10.4	-10.0	-9.8	-9.6	-9.2	-9.0	-7.8	-6.4	-3.5	-1.9	.5	3.8	3.9	2.8	1.1	-1.1	-1.8	-1.9	-2.3	-2.8	-3.0
25	-3.3	-3.3	-4.2	-4.2	-5.8	-6.5	-4.8	-4.8	-4.7	-5.0	-5.2	-5.4	-5.4	-5.1	-4.6	-4.5	-5.0	-5.0	-5.6	-5.7	-5.8	-5.8	-5.3	-4.7
26	-4.3	-3.8	-3.5	-3.0	-3.0	-3.0	-2.8	-2.7	-2.8	-2.1	-1.7	-.1	.6	.7	1.1	1.2	.3	-1.9	-1.8	-2.5	-3.2	-4.6	-5.3	-3.3
27	-5.8	-6.0	-6.3	-6.7	-7.8	-6.8	-7.2	-7.6	-6.4	-6.0	-3.9	-2.8	-1.5	-.8	-.8	-.7	-1.1	-1.9	-1.5	-3.0	-4.7	-4.2	-3.7	-3.6
28	-3.5	-3.6	-3.7	-3.7	-3.5	-3.5	-3.3	-3.4	-3.2	-3.1	-3.0	-2.9	-2.6	-2.1	-1.9	-1.5	-1.2	-1.3	-1.2	-1.4	-.8	-.5	0.0	.4
29	.3	-.1	-.7	-1.0	-1.2	-1.0	-.4	.8	.9	1.0	1.4	1.7	0.0	.7	1.2	1.2	-.9	-1.2	-1.0	-.7	-1.2	-1.0	-.5	-2.5
30	-3.3	-3.2	-3.0	-3.1	-2.9	-2.7	-2.6	-2.5	-2.8	-2.5	-4.5	-4.7	-4.0	-6.4	-7.2	-8.7	-10.5	-12.3	-13.9	-13.1	-16.5	-18.5	-19.4	-21.0
MEAN	-2.9	-3.1	-3.3	-3.2	-3.2	-3.2	-3.1	-3.1	-2.9	-2.4	-1.5	-.6	0.0	.7	1.2	1.2	.6	-.4	-1.1	-1.7	-2.0	-2.4	-2.8	-3.3

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		NOVEMBER / NOVEMBER		19 80										
Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	Celsius Millimetres (mm) Millimetres (mm) Centimetres (cm) Kilometres per hour (km/h) Kilopascals	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		16.0	5	7.5	16	10.7	23.9	5	1975	2.2	5	1972	109			
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-21.5	30	-18.1	13	-23.4	-7.8	12	1899	-36.7	28	1875	109			
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-2.0		-5.0		-4.4	1.3		1923	-13.9		1896	109			
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		4.3		0.6		7.1	62.2		1918	Nil (Several)			109			
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		20.7		16.2		21.3	80.3		1955	Tr.		1928	109			
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		25.0		14.6		27.2	90.2		1955	0.8		1976 1976	109			
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		6		13		10	20		1955	1		1901	97			
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		2.0	3	0.6	14		44.5	17	1918				109			
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		12.8*	8	2.7*	1		31.0	10	1919				109			
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		14.1*	8	2.7*	1		44.5	17	1918				109			
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:									1980							
5 MINUTES		1.3	8				1.3	14	1971				12			
10 MINUTES		1.3	8				1.8	14	1971				12			
15 MINUTES		1.3	8				2.0	14	1971				12			
30 MINUTES		1.3	3,8				2.8	14	1971				12			
60 MINUTES		1.8	3				3.8	14	1971				12			
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		2.0	3	0.6	14		44.5	17	1918				109			
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		17.1		15.2		20.3	25.4		1953 1940	13.7		1972	60			
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		NW 46	3	NW57	1	57	NW 80	5	1952				42			
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		NNW61	3	NW74	1	81	NNW124	21	1960				35			
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		125.0		100.7		81.2	139.7		1976	25.1		1944	81			
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.62		98.69		98.63	99.19		1943	98.20		1949	42			
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.10	16	100.29	5	100.53	101.52	20	1978				42			
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.34	8	96.93	18	96.35				94.56	20	1962	42			
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TFN (10) DIX		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					
1971	4.4	-23.9	-5.6	5.3	18.8	22.4	16.4	S 48	74.3	704.4						
1972	2.2	-21.7	-6.7	1.0	17.0	10.4	13.7	NNW42	51.6	737.2						
1973	3.3	-21.7	-7.5	6.9	37.1	40.1	16.6	W 42 S 42	77.6	760.6						
1974	11.7	-18.3	-3.3	0.8	10.4	5.6	18.5	NW 45	87.8	635.6	2.2					
1975	23.9	-25.4	-2.0	2.3	15.5	13.0	16.4	S 40 NNE40	122.9	598.4	28.9					
1976	13.3	-26.7	-5.9	Tr.	1.7	0.8	20.3	NNW56	139.7	714.7	3.4					
1977	17.8	-25.3	-4.8	0.6	28.4	28.4	19.9	N 70	102.1	682.6	14.6					
1978	17.3	-30.7	-8.4	8.2	36.4	42.6	16.1	W 59	99.6	791.2	11.0					
1979	7.5	-18.1	-5.0	0.6	16.2	14.6	15.2	NW 57	100.7	688.6						
1980	16.0	-21.5	-2.0	4.3	20.7	25.0	17.1	NW 46	125.0	601.1	2.2					

November 1-2 (24 hours) 3.3 CM snow  
 1979 3.3 MM precipitation  
 1980 24-hr snowfall - 12.8 CM also 8-9. 1980 pcprn - 14.1 also 8-9 Nov.