

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL 1980 PAGE 5 YWG
 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.	-2.5	-2.7	-3.1	-3.7	-4.3	-4.5	-5.0	-4.8	-3.2	-2.0	-1.8	-1.1	.9	1.1	1.2	1.1	1.0	.9	.2	-1.1	-2.7	-3.5	-3.4	-3.5
2.	-4.1	-4.0	-5.0	-5.7	-6.4	-6.0	-7.0	-5.6	-3.7	-2.0	-1.8	-1.5	0.0	.8	.7	1.0	1.3	1.5	1.5	-1.1	-1.8	-1.2	-2.1	-2.9
3.	-3.4	-4.3	-4.3	-4.5	-4.5	-4.0	-5.6	-4.0	-2.3	-1.3	-1.5	1.0	1.5	1.2	1.5	1.6	1.2	2.0	1.7	0.0	-1.3	-1.7	-2.5	-2.3
4.	-2.5	-1.7	-1.5	-1.5	-1.5	-1.8	-2.6	-1.7	-1.5	1.6	2.5	3.8	5.1	5.5	6.0	6.2	6.7	6.5	5.5	3.5	2.4	1.3	1.1	1.0
5.	.5	-.3	-.2	-1.3	-1.9	-2.6	-3.4	-2.0	0.0	2.9	4.0	4.4	4.9	5.2	5.3	5.5	6.1	5.5	5.0	4.1	2.5	2.9	2.9	2.9
6.	3.4	3.0	3.1	3.8	3.4	2.9	2.0	3.5	4.1	5.3	6.6	7.9	8.6	9.9	11.1	11.9	11.8	11.5	9.4	5.0	4.0	3.6	3.3	3.2
7.	3.0	2.7	2.6	2.5	2.6	.6	.1	-.3	0.0	-.2	-.1	-.9	-.9	1.4	1.8	2.1	2.3	2.4	1.8	1.0	1.0	.7	.4	-.8
8.	-.8	-1.2	-1.4	-1.2	-1.3	-1.4	-1.6	-2.1	-2.4	-2.2	-1.9	-.8	-.4	-.3	-.1	.5	.7	1.6	1.8	0.0	-1.7	-2.0	-2.8	-3.2
9.	-3.5	-4.6	-4.5	-5.4	-5.4	-6.2	-6.4	-4.7	-3.3	-2.8	-1.6	-1.8	-1.4	-.4	-.6	0.0	0.0	0.0	-.3	-.6	-3.2	-3.5	-5.0	-4.0
10.	-4.8	-5.2	-5.7	-5.5	-6.2	-6.7	-6.8	-4.4	-2.5	-1.4	-.5	-.9	-.2	.9	1.2	1.5	2.3	1.0	0.0	-.5	-1.3	-1.8	-1.8	-2.2
11.	-2.5	-2.4	-2.6	-2.7	-3.1	-3.1	-3.3	-3.5	-3.3	-3.4	-2.9	-1.1	.3	1.0	.2	.8	1.0	.5	0.0	-1.5	-2.7	-3.0	-3.2	-3.6
12.	-4.2	-4.5	-4.6	-5.6	-6.2	-5.7	-5.8	-4.6	-2.7	-2.9	-2.4	-.6	0.0	.6	1.5	1.3	.8	1.0	.5	-.2	-2.3	-2.3	-3.2	-4.3
13.	-4.5	-5.5	-5.2	-5.9	-5.9	-5.7	-6.0	-3.7	-2.4	-1.4	.1	1.0	1.1	2.1	2.9	3.3	3.3	3.7	3.4	2.5	1.1	.2	0.0	1.4
14.	0.0	-.2	-.3	-.9	-1.2	-1.2	-1.0	-.4	.5	2.2	4.4	5.9	6.6	6.6	6.9	6.4	6.1	6.5	4.5	3.9	2.0	1.4	.1	-1.2
15.	-.5	-1.9	-2.3	-2.5	-3.7	-4.4	-4.7	-3.1	-2.8	-1.7	-.6	-1.2	-1.0	0.0	0.0	0.0	1.0	.9	.3	-.2	0.0	-.2	0.0	-.1
16.	.2	0.0	0.0	-.2	.3	.7	.1	.7	1.9	3.4	6.0	7.5	9.8	10.6	10.3	10.8	9.7	9.4	9.8	8.5	7.3	5.2	5.2	5.1
17.	5.4	4.9	4.0	3.0	.6	1.0	1.0	2.0	4.4	6.0	7.5	8.5	8.8	9.5	9.7	10.0	10.5	10.3	10.2	10.0	8.4	7.5	6.7	6.5
18.	5.6	4.6	4.5	4.3	4.1	3.7	3.9	5.3	5.3	6.0	11.0	12.4	12.2	12.2	12.0	12.0	12.5	12.8	13.1	11.9	11.6	11.9	9.4	8.0
19.	7.5	6.5	5.0	4.0	3.1	1.1	.9	2.8	5.6	6.2	7.3	7.4	8.2	8.5	9.0	9.5	9.6	8.6	8.4	7.5	7.2	6.8	7.1	6.9
20.	6.7	6.8	6.3	6.0	6.0	5.9	5.9	6.3	7.5	9.2	10.8	11.8	12.6	14.3	14.7	15.2	15.2	15.0	14.7	13.4	12.0	10.7	10.6	9.3
21.	9.5	7.9	8.5	6.7	8.0	7.9	6.1	9.0	10.4	12.4	13.8	15.1	14.6	15.7	15.8	15.7	17.0	16.2	15.8	14.8	14.3	14.3	13.6	12.5
22.	10.2	9.5	7.8	7.2	7.3	6.9	5.4	5.6	6.5	5.7	5.6	6.5	6.2	6.5	7.2	7.7	5.8	5.4	5.0	5.2	2.6	2.3	.9	-.3
23.	-.9	-.9	.4	-.4	-1.7	-2.9	-2.6	.6	3.5	4.8	4.0	4.4	5.0	5.6	5.7	5.2	5.1	5.2	4.6	3.8	2.1	.9	1.3	-2.0
24.	-2.9	-5.0	-3.1	-3.2	-3.0	-4.6	-4.3	-1.2	.6	2.2	2.7	4.6	5.1	6.6	7.6	8.0	8.1	8.0	7.6	7.0	4.1	2.3	1.1	1.0
25.	1.7	.4	.1	-.5	-1.1	-1.9	-1.3	2.0	4.2	5.7	6.9	7.9	9.0	10.2	10.3	11.1	10.7	10.0	9.4	8.0	6.2	5.2	4.1	2.9
26.	3.6	2.0	1.7	-.2	-.5	.1	-.2	2.8	5.4	8.5	9.5	9.9	10.1	10.5	10.7	10.9	10.7	11.2	10.6	9.6	8.1	7.0	5.0	3.6
27.	3.8	1.0	1.1	.9	.8	1.1	1.0	3.8	7.3	9.1	10.2	9.7	10.8	10.2	10.4	10.4	10.0	10.0	10.3	9.0	6.0	5.0	4.2	3.4
28.	3.3	3.3	1.8	2.1	.7	2.4	0.0	4.1	7.3	9.0	9.9	11.0	11.1	11.6	11.5	11.6	12.0	12.1	12.0	11.0	9.3	8.2	6.4	6.7
29.	6.0	4.6	3.9	2.2	3.0	2.4	3.7	7.0	7.9	8.7	9.8	10.6	11.3	11.5	12.1	12.4	12.2	12.0	12.0	11.1	9.2	6.6	7.6	6.0
30.	4.7	4.4	5.0	3.9	3.8	3.5	3.2	7.7	10.0	10.6	11.1	11.9	12.2	12.7	13.1	13.4	13.2	12.9	12.8	12.5	11.4	9.6	9.2	8.5

MEAN 1.2 .6 .4 0.0 -.4 -.7 -1.0 .6 2.1 3.4 4.4 5.2 5.8 6.4 6.7 6.9 6.9 6.8 6.4 5.3 3.9 3.1 2.5 2.0

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1.	-1.2	-1.8	-2.3	-3.1	-3.8	-4.1	-4.5	-4.3	-2.5	-0.7	2.0	3.4	3.4	3.9	4.5	4.5	4.0	3.5	3.0	1.6	-1.3	-2.5	-2.5	-2.6
2.	-3.5	-3.2	-4.2	-5.0	-6.0	-5.6	-6.8	-5.4	-3.2	-1.7	1.8	2.6	2.6	3.8	4.0	4.4	4.7	4.0	3.7	1.6	0.6	0.0	-1.1	-2.0
3.	-2.4	-3.5	-3.5	-4.0	-4.0	-3.6	-5.2	-3.3	-1.7	2.2	4.5	5.5	5.5	5.8	6.3	6.6	6.3	5.9	4.9	1.8	1.3	1.2	-1.7	-2.2
4.	-1.2	1.5	1.5	0.0	0.0	-1.8	-1.2	0.0	1.5	4.2	5.6	7.3	9.0	9.9	10.5	10.7	11.2	10.5	8.8	6.5	4.7	3.1	2.9	2.7
5.	2.0	1.9	1.0	-1.4	-2.2	-3.0	-1.8	2.4	6.2	8.5	9.3	10.2	11.3	11.3	11.5	12.0	12.7	12.0	10.6	8.7	6.3	5.9	6.0	6.0
6.	6.0	5.0	4.8	5.4	5.3	4.8	3.5	5.7	6.9	8.3	10.1	11.9	12.6	14.4	16.5	17.5	17.2	16.2	12.6	7.0	5.0	4.6	4.0	3.8
7.	3.5	3.1	3.0	2.6	2.9	1.4	1.9	1.5	1.8	1.3	2.3	2.4	3.2	3.2	3.9	4.6	4.9	4.6	3.8	2.5	2.5	2.2	1.7	1.2
8.	1.8	1.6	0.0	1.3	1.1	0.0	-1.4	-1.4	-1.7	-1.8	-1.3	1.2	1.8	1.8	2.0	3.2	3.4	4.2	4.4	1.8	-1.8	-1.4	-2.2	-2.5
9.	-3.0	-4.2	-4.0	-5.1	-5.1	-5.8	-5.9	-3.9	-1.6	-1.7	1.0	1.8	2.3	4.1	4.0	4.5	5.1	4.6	4.0	2.4	-1.2	-2.5	-4.3	-3.4
10.	-3.8	-4.6	-4.9	-4.8	-5.8	-6.3	-6.1	-3.5	-1.6	1.5	3.4	4.0	5.4	5.9	6.7	7.1	7.6	6.3	4.5	3.3	1.7	1.2	0.0	-1.5
11.	-0.8	-1.7	-1.7	-1.0	-1.2	-1.3	-1.5	-1.5	-1.2	-1.5	1.2	2.8	2.8	4.0	5.8	5.8	7.0	5.9	5.0	2.3	1.3	-1.2	-1.5	-1.5
12.	-2.5	-3.2	-3.5	-4.8	-5.5	-4.8	-4.8	-3.0	-1.4	-1.4	1.6	3.9	4.3	4.7	5.8	5.6	4.9	5.2	4.5	2.8	-1.5	-1.7	-1.8	-3.3
13.	-4.0	-5.2	-4.9	-5.6	-5.7	-5.5	-5.8	-3.4	-1.0	1.6	4.4	4.9	5.6	7.1	7.9	8.8	8.8	9.1	8.5	6.6	4.0	2.9	2.6	3.7
14.	2.6	2.2	2.1	1.5	1.0	1.0	1.2	2.0	3.8	6.1	10.0	12.6	13.5	13.5	12.7	13.1	12.7	12.5	10.3	7.4	6.0	5.0	2.8	2.0
15.	1.0	-1.0	-1.5	-1.7	-3.2	-4.0	-4.2	-2.0	-1.0	1.7	2.0	2.8	4.0	5.5	6.5	6.6	7.7	7.2	6.6	4.8	3.6	3.1	3.6	3.4
16.	3.4	3.5	3.4	3.4	3.8	4.3	3.5	4.7	6.5	8.8	12.5	14.8	17.2	17.6	17.1	17.8	15.0	14.1	14.0	12.2	10.2	7.1	7.1	6.7
17.	7.1	7.2	6.9	5.8	2.1	2.6	2.4	3.9	7.4	11.0	14.0	16.3	17.6	19.0	20.2	20.5	21.5	21.4	21.1	17.4	15.0	12.7	13.2	13.2
18.	11.0	9.1	8.5	8.1	8.3	7.5	8.1	10.4	12.3	17.5	22.0	26.2	27.2	27.8	28.5	29.5	28.7	28.5	27.7	25.0	23.3	21.4	16.4	13.3
19.	12.8	10.6	8.0	6.4	5.0	2.3	2.0	4.6	9.0	11.6	13.5	14.0	15.2	16.5	17.5	19.2	20.0	19.4	19.4	16.6	15.0	15.0	14.8	14.4
20.	13.6	14.9	13.9	13.4	13.0	12.5	12.0	12.4	14.5	17.0	20.0	22.2	24.0	27.8	29.5	30.7	31.7	31.0	30.2	26.7	23.2	19.9	19.5	16.6
21.	17.5	13.6	14.7	11.2	13.2	12.7	9.3	13.8	16.4	20.7	24.6	29.6	32.1	33.0	33.5	34.0	34.1	33.3	31.9	27.7	24.8	25.5	21.2	20.8
22.	17.8	13.9	11.0	9.7	9.5	9.1	8.1	9.2	10.1	8.6	8.6	11.0	10.8	11.8	15.5	15.5	16.1	15.0	13.5	11.2	7.1	7.0	4.4	2.4
23.	1.8	1.8	1.8	2.2	1.4	-1.5	-1.2	3.6	6.1	8.2	7.5	9.4	10.1	11.7	12.6	13.0	12.9	13.2	12.3	10.3	7.2	4.8	4.8	-1.2
24.	-1.6	-4.2	-2.0	-2.1	-2.1	-3.6	-3.2	1.3	4.5	7.1	7.8	10.2	10.6	12.6	14.4	15.2	15.6	15.5	15.0	13.7	7.9	5.1	3.7	3.1
25.	3.7	1.6	1.5	1.8	0.0	-1.6	-1.5	4.0	7.8	10.7	14.0	15.3	16.2	18.0	18.3	19.5	19.0	19.0	18.7	17.0	13.5	10.9	8.3	6.1
26.	5.4	4.7	4.0	1.4	1.4	1.7	1.1	5.8	10.3	14.3	16.3	17.9	19.3	20.2	20.8	20.6	20.5	21.3	20.4	18.5	15.6	14.0	9.6	7.5
27.	7.8	3.5	3.7	3.0	2.8	3.1	3.0	6.8	12.2	16.1	19.1	21.0	22.4	22.5	23.0	23.7	23.5	23.2	22.8	19.1	13.5	11.4	9.7	8.0
28.	7.7	7.5	5.2	5.7	4.1	1.9	2.6	8.1	13.2	17.2	20.2	23.2	24.0	24.7	25.2	25.5	25.7	25.5	25.1	22.0	17.9	15.8	12.0	13.0
29.	11.4	9.1	7.8	5.1	6.0	5.2	6.7	11.1	15.3	17.7	20.8	23.0	24.2	24.5	25.8	26.0	26.0	26.0	25.5	24.8	22.5	18.4	13.0	11.0
30.	9.0	8.3	8.7	7.1	6.7	6.1	5.2	11.6	17.1	20.4	22.9	24.3	25.1	26.1	26.6	26.9	27.0	26.5	25.7	23.5	20.7	16.6	16.0	14.5
MEAN	4.1	3.0	2.7	1.8	1.4	.9	.5	2.9	5.5	7.7	9.8	11.7	12.7	13.8	14.6	15.1	15.2	14.8	13.9	11.5	8.8	7.3	6.2	5.2

COMPARATIVE RECORDS
RELEVÉS COMPARATIFS

MONTH / MOIS APRIL / AVRIL

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/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		34.3	21	14.6	18	21.9	34.3	21	1980	11.1	20	1956	1
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-7.0	2	-26.3	2	-14.0	-3.9	5	1878	-27.8	3	1932	109
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		7.9		-0.6		3.3	9.4		1915	-2.8		1893	109
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		Tr.		47.8		25.4	138.2		1896	Nil		1907	109
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		-		22.7		11.9	44.5		1872	Nil (Several)			109
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		Tr.		73.5		37.3	143.3		1896	Tr.		1980	109
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		0		15		8	17		1924	0		1980	97
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		Tr.	6,16	12.4*	24		36.6	30	1896				109
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE				6.2	4		33.0	12	1872				109
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		Tr.	6,16	18.5	12		43.2	27	1892				109
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		Tr.	6,16	0.8	18		3.3	14	1976				17
10 MINUTES		Tr.	6,16	1.2	18		5.6	14	1976				17
15 MINUTES		Tr.	6,16	1.8	18		6.6	14	1976				17
30 MINUTES		Tr.	6,16	2.6	18		7.9	18	1971				17
60 MINUTES		Tr.	6,16	5.0	18		13.0	19	1961				17
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		Tr.	6,16	12.6	25		43.2	27	1892				1
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		17.8		17.4		21.7	26.2		1943	13.8		1972	60
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		N70	22	N 52	5	60	NW 81	13	1964				42
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		NNW98	22	S 76	19	83	N 106	3	1963				37
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		326.7		195.0		208.5	326.7		1980	118.6		1924	81
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.76		98.74		98.59	99.08		1944	98.10		1955	42
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.88	13	99.94	6	100.18	100.96	12	1950				42
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.79	6	96.91	13	96.72				95.24	16	1963	42

CLIMATOLOGICAL DATA FOR THE PAST TEN (10) YEARS
DONNÉES CLIMATOLOGIQUES POUR LES DERNIÈRES 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 DEGREES DAYS DE CHAUFFE	GROWING DEGREES DAYS DE CROISSANCE
1971	20.0	-16.7	3.2	45.0	16.3	60.2	21.1	NNW55	209.3	439.4	43.9
1972	22.8	-16.7	3.2	10.9	2.3	13.0	13.8	S 42	210.4	441.1	53.3
1973	21.1	-12.2	2.2	20.1	1.5	21.1	20.1	NW 48	221.2	470.0	23.9
1974	25.0	-18.3	1.8	50.0	9.1	58.7	18.5	S 55	233.1	483.3	36.7
1975	18.0	-25.4	2.2	42.0	3.6	45.9	18.4	SE 56	167.7	473.2	32.7
1976	22.8	-7.2	6.0	29.3	2.3	31.6	17.2	E 44	280.3	362.3	53.0
1977	29.7	-11.1	7.4	4.7	1.4	5.2	21.0	W 56	279.8	321.7	122.7
1978	22.7	-10.4	3.4	19.4	3.4	22.8	21.2	NW 57	236.0	438.1	49.4
1979	14.6	-26.3	-0.6	47.8	22.7	73.5	17.4	N 52	195.0	558.3	8.4
1980	34.3	-7.0	7.9	Tr.		Tr.	17.8	N 70	326.7	311.4	132.0