

HOUR 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	PEAK GUST	HOUR (CST)
1	N	N	N	N	N	N	NNE	NNE	NE	NE	NE	NE	NE	ENE	ENE	NNE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	E	37	1259
2	E	E	E	E	E	E	ENE	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	S	43	1625
3	SSW	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	W	44	1600
4	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	44	1510
5	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	48	1115
6	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	39	1225
7	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NW	48	
8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	50	1312
9	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		
10	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
11	NNE	N	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
12	SE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
13	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW		
14	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
15	N	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
16	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	39	1157
17	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
18	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W		
19	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE		
20	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE		
21	N	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE		
22	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	36	1350
23	WSW	SW	SW	C	C	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW		
24	S	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
25	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	39	2332
26	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	69	0747
27	ESE	ESE	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	44	1404
28	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
29	SW	WSW	SSE	C	S	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
30	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W		

HOUR 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23  
 MEAN 9.9 10.4 10.5 9.7 11.0 12.8 15.3 16.1 17.0 17.0 14.4 10.6 9.9 9.6  
 10.0 10.5 11.7 13.3 15.6 16.9 16.6 16.2 11.8 16.2 11.8 10.6 9.9 10.0

C ----> CALM.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1986  
 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	11.2	10.8	10.9	10.1	8.5	8.4	8.2	10.3	11.1	12.4	13.8	16.2	17.1	17.9	19.3	18.6	18.0	17.4	17.0	15.9	14.5	13.8	12.6	13.0
2	12.3	12.7	12.7	12.2	12.0	12.0	11.9	12.1	12.5	12.6	12.8	13.4	13.6	14.0	14.0	14.1	14.4	14.2	14.3	14.0	13.6	13.7	13.0	13.2
3	12.9	13.3	12.9	12.8	13.2	13.8	13.9	14.0	13.8	14.4	15.7	16.3	16.1	18.0	20.1	16.7	19.0	19.0	17.5	14.8	13.5	13.3	12.0	11.6
4	11.4	10.4	9.3	8.6	8.5	8.0	8.1	9.5	11.2	12.7	14.0	14.6	12.2	13.3	12.0	13.9	14.2	14.9	13.9	11.1	10.7	9.5	8.0	6.9
5	6.2	7.1	6.7	6.1	6.1	6.6	5.9	6.5	8.0	9.8	9.7	12.0	11.2	12.0	13.0	13.4	11.9	12.3	12.3	10.8	9.0	8.2	8.8	9.1
6	8.5	7.7	7.7	8.2	8.0	7.6	7.4	8.1	9.8	10.5	11.6	13.0	12.8	12.5	14.8	16.0	14.9	14.8	13.2	12.5	11.0	9.4	8.9	8.0
7	8.3	7.5	6.0	5.7	5.4	4.7	4.8	6.2	9.0	12.7	16.1	18.2	19.1	20.6	19.7	20.9	20.8	19.1	18.5	16.6	14.6	14.0	11.2	16.0
8	6.6	6.1	5.6	5.2	5.0	3.7	4.3	6.7	7.9	9.1	10.9	12.5	13.1	14.0	14.7	15.1	15.9	14.6	13.3	11.1	9.0	9.0	8.2	6.8
9	7.1	6.8	6.0	3.9	3.8	3.9	3.6	5.3	8.1	11.2	12.4	14.3	14.1	14.7	15.6	15.5	15.2	14.3	13.1	12.3	11.8	11.1	10.6	9.8
10	9.0	7.9	8.3	8.3	8.1	7.0	6.3	6.6	8.2	12.4	15.4	16.6	17.9	19.1	19.9	20.6	19.3	18.4	17.6	16.0	14.4	12.0	9.7	9.8
11	7.6	7.4	7.0	7.2	7.4	7.0	6.1	7.8	12.3	14.2	16.9	18.0	19.9	19.8	20.8	20.7	20.1	18.8	17.4	14.7	14.0	13.6	12.4	12.2
12	12.7	12.0	11.4	11.0	9.0	9.4	8.9	9.7	11.2	12.7	13.1	8.6	7.6	8.0	9.3	9.1	10.1	9.3	8.8	6.9	4.4	2.6	1.6	0.4
13	0.4	1.1	0.0	0.2	-0.2	1.1	0.2	1.7	3.8	7.7	9.7	10.9	9.9	11.2	11.6	13.4	13.4	12.2	11.0	6.4	6.9	7.2	5.8	5.9
14	7.3	6.7	5.8	5.1	5.4	5.5	5.7	6.4	7.9	9.0	9.8	11.1	12.2	12.8	12.8	12.6	12.7	12.6	12.3	9.9	5.6	2.9	2.4	2.3
15	2.2	1.3	1.9	-0.8	-2.4	-0.5	-2.3	0.6	4.9	8.0	8.8	10.7	11.4	12.5	12.4	13.2	13.6	13.2	11.2	9.1	7.0	5.7	4.3	5.5
16	5.1	4.2	4.6	5.4	5.5	5.1	5.4	6.2	7.2	8.8	11.0	14.4	15.0	13.4	13.4	13.6	10.0	10.2	10.1	10.3	10.6	10.1	10.1	9.4
17	9.0	9.0	9.1	9.3	9.5	9.5	9.3	9.4	10.0	10.0	11.0	11.4	12.0	11.6	11.8	12.0	11.2	11.2	11.4	10.8	10.5	10.4	10.4	10.2
18	9.9	9.8	9.2	9.1	9.5	9.7	9.6	9.2	10.0	11.0	12.2	12.7	12.8	12.7	14.2	13.5	13.6	13.2	12.6	10.1	9.9	9.4	6.3	6.4
19	6.7	4.4	3.6	2.8	1.4	1.6	3.1	4.4	6.0	8.9	11.1	13.2	13.3	13.8	14.2	14.4	14.5	14.0	13.2	12.4	12.0	10.1	10.6	10.4
20	9.6	10.1	10.0	10.0	10.1	9.5	8.4	10.6	11.4	12.5	14.6	14.9	15.0	16.1	16.5	16.5	16.3	15.9	15.4	14.7	13.8	13.5	12.7	11.7
21	9.9	11.9	11.5	11.3	10.8	11.1	11.0	11.5	12.5	13.2	14.5	14.8	15.1	14.8	15.1	15.3	15.2	15.2	14.9	13.9	13.6	13.6	13.4	13.2
22	12.8	12.0	11.4	10.7	8.9	8.2	7.3	6.7	8.6	10.6	13.6	15.3	16.5	17.9	16.0	17.8	18.8	17.6	15.5	12.9	10.8	9.7	9.0	9.2
23	8.4	8.3	9.0	8.4	8.1	7.9	7.1	6.1	9.0	12.3	15.0	17.6	19.2	20.4	20.6	21.0	20.0	19.5	17.5	15.9	15.5	15.4	15.0	15.0
24	14.0	13.0	11.3	10.7	9.0	8.9	8.9	8.8	12.5	15.6	18.2	20.2	21.8	22.4	22.4	23.8	19.2	16.7	16.6	17.0	16.8	17.6	16.8	16.5
25	16.7	16.1	16.0	15.4	15.0	14.8	14.0	12.9	13.8	14.4	16.4	18.4	18.7	22.5	23.6	22.0	23.0	22.1	21.6	20.5	18.0	17.2	17.0	16.4
26	15.4	14.8	14.4	13.9	13.9	15.0	13.3	13.4	15.0	16.6	18.3	19.3	18.2	17.7	17.8	18.8	18.4	17.2	17.4	16.6	16.0	15.6	15.2	14.7
27	14.3	14.1	13.7	13.0	12.1	11.5	11.2	10.7	10.5	11.0	11.1	11.2	12.0	13.3	12.8	13.0	12.6	11.8	11.7	10.8	10.8	10.4	9.3	9.7
28	8.7	8.0	7.0	7.0	7.1	6.5	6.7	7.0	7.9	9.2	11.4	13.3	15.0	16.6	17.2	17.0	16.5	16.0	15.4	14.4	13.8	12.8	12.0	11.7
29	11.6	11.3	10.7	10.5	10.4	10.4	10.5	10.7	11.0	11.4	11.5	10.7	10.4	11.6	12.7	12.7	13.1	14.4	12.2	11.0	9.1	9.4	9.1	8.3
30	7.3	7.1	7.0	6.9	6.1	5.9	5.1	5.0	6.3	9.3	11.2	12.6	13.4	14.7	13.3	15.0	13.5	14.0	11.4	9.5	8.2	6.6	5.3	4.7
MEAN	9.4	9.1	8.7	8.3	7.9	7.8	7.5	8.1	9.7	11.4	13.0	14.2	14.5	15.3	15.7	16.0	15.6	15.1	14.3	12.8	11.6	10.9	10.1	9.9

MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS.

DATE	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	
MEAN	13.6	14.9	9.3	13.2	10.2	13.5	6.3	6.3	8.2	9.1	10.7	12.9	8.7	8.2	8.2	6.3	10.4	10.7	9.2	13.1	17.8	11.8	11.6	11.0	11.0	11.8	16.1	15.8	15.8	11.6	9.1

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS				SEPTEMBER / SEPTEMBRE			19 86					
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		24.0	24	24.0	17		38.3	2	1983	21.7	1	1884	115	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-2.7	15	-3.3	26		2.8	27*	1968**	-8.3	29	1899	115	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		11.7		10.0		12.4	16.8		1948	8.0		1965	115	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		47.5		28.5		53.0	149.6		1941	1.3		1948	115	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		0.0		Tr.		0.2	18.3		1872	N11		SVRL	115	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		47.5		28.5		53.3	156.2		1872	1.3		1948	115	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		13		12		11	17		1953**	3		1948**	115	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		14.6	25	9.4	19		81.5	6	1972**				115	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE				Tr.	24		18.3	25	1872				115	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		14.6	25	9.4	19		81.5	6	1886				115	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES		1.1	25*	1.4	27		11.2	20	1970				28	
10 MINUTES		3.0	25	2.0	27		20.8	20	1970				28	
15 MINUTES		4.1	25	2.0	27		29.0	20	1970				28	
30 MINUTES		8.1	25	2.0	27		37.9	20	1970				28	
60 MINUTES		10.9	25	2.7	19		41.1	20	1970				28	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		16.1	24/25	12.7	19/20		81.5	6	1886				115	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		12.7		16.0		18.5	24.6		1943	12.7		1986	66	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		ESE48	25	S 46	21		N 72	23	1942				48	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		ESE69	25	S 67	21		S105	16	1946				42	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		151.7		158.6		184.6	251.9		1940	113.0		1912	91	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.66		98.69		98.51	98.87		1940	98.25		1970	48	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.27	15	100.18	11		101.11	25	1940				48	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.48	25	96.64	5					95.64	26	1959	48	
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													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 DEGRÉS JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRÉS JOURS DE CROISSANCE			
1977	25.4	0.1	12.4	148.2		148.2	16.1	NNW 52	136.3	170.5	220.5			
1978	36.2	1.8	14.6	82.6		82.6	17.8	E 54	202.4	132.1	288.7			
1979	32.8	1.3	13.0	24.9		24.9	17.6	WNW 52	189.9	158.0	239.7			
1980	33.3	-4.3	11.2	85.6		85.6	18.6	NW 52	171.7	210.2	194.6			
1981	29.5	-2.7	12.4	72.1	0.4	72.5	17.3	NW 63	210.6	172.9	228.8			
1982	34.5	-3.3	12.2	58.2		58.2	19.8	NW 61	201.1	193.6	216.5			
1983	38.8	-1.2	12.9	52.8	Tr.	52.8	16.9	WSW 52	161.6	180.6	239.4			
1984	27.1	-1.7	10.6	55.4	6.6	62.0	14.3	SSE 44	180.6	223.8	178.1			
1985	24.0	-3.3	10.0	28.5	Tr.	28.5	16.0	S 46	158.6	240.5	155.4			
1986	24.0	-2.7	11.7	47.5		47.5	12.7	ESE 48	151.7	188.8	201.6			

\* INDICATES FIRST OF MORE THAN ONE OCCURRENCE.  
\*\* INDICATES MOST RECENT OCCURRENCE.