

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST

ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

STARTING 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	REAL GUST	HOUR
1	WNW W	W	W	W	W	W	W	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW 52	10 CST
2	N	NNW	NW	NNW	N	C	C	C	NNW	N	NW	ENE	ENE	NNE	NE	NNW	WNW	ENE	ENE	NE	ENE	ENE	C	C		
3	C	C	C	C	S	SE	S	SSE	SSE	SE	SE	SE	SE	SE	SSE	SE	E	ESE	NE	E	ESE	E	SE	SE 59	00 CST	
4	ESE	ESE	SE	SE	SE	SE	SSW	SW	SSW	S	S	SSW	SW	S	S	S	S	SE	ESE	NE	NNE	N	NNW	ESE 83	05 CST	
5	NW	NW	WNW	WNW	W	W	W	W	WNW	W	WNW	W	WNW	WNW	NW	WNW	NW	NNW	NW	C	C	C	C	NNW 59	15 CST	
6	C	C	C	C	C	C	SSW	SSW	S	SSW	S	SE	S	NNE	E	S	NNE	ENE	C	C	N	NNE	NNE	N 31	23 CST	
7	NE	NE	N	N	N	NNW	NNE	ENE	ENE	E	ENE	ENE	E	NNE	NNE	NE	NNE	NNE	N	C	C	C	NNW	NNW 35	23 CST	
8	NNE	WSW	W	W	WNW	WNW	NW	NNW	NNW	NW	NNW	NNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NW	NNW	NW	NNW 41	10 CST	
9	WNW	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			
10	C	C	C	C	C	C	C	S	W	WNW	C	W	C	WNW	C	C	C	C	C	C	SW	S	C	C		
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	SSW 33	20 CST	
12	SW	SW	SW	WSW	WSW	WSW	SSW	WNW	WNW	C	NW	WNW	WNW	WNW	NW	WNW	NW	N	N	N	N	N	NNW			
13	W	NW	NW	NW	NNW	NNW	C	C	NNE	N	N	ENE	NE	NE	ENE	NE	NNE	ENE	NE	E	C	C	NW	N 48	14 CST	
14	NNW	N	NNW	NNW	NW	NNW	NW	NNW	N	N	NNE	NE	ENE	ENE	E	W	NNE	NNE	NE	NNE	ENE	C	E			
15	C	C	C	ESE	SE	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE 44	00 CST	
16	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	E	E	ESE	ESE	E	ESE 48	17 CST	

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF AUGUST 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.	18.1	15.4	15.1	15.1	14.6	14.4	13.8	15.3	19.2	22.0	23.1	24.0	24.7	24.6	24.0	25.1	24.4	24.2	23.6	21.9	19.7	17.3	14.3	14.0
2.	13.2	11.7	11.8	11.3	10.0	10.0	12.7	15.3	17.7	18.1	18.7	19.2	21.4	22.4	22.4	21.7	23.5	23.8	23.7	22.6	20.3	18.7	15.5	13.6
3.	13.3	12.6	13.6	13.0	12.7	12.8	12.4	16.1	16.8	19.7	21.4	22.8	22.5	23.4	24.4	24.2	23.8	24.0	20.6	19.4	19.8	20.4	18.8	16.4
4.	16.2	16.0	16.6	16.8	18.0	17.0	17.2	15.4	16.9	17.3	17.9	19.0	18.4	16.1	17.8	19.1	19.0	15.2	14.8	14.5	14.0	13.3	13.0	12.4
5.	12.0	12.5	12.0	12.0	11.9	13.8	14.0	14.0	15.9	15.3	15.6	17.1	18.5	17.8	18.6	18.9	19.3	20.1	19.7	18.9	16.5	15.3	13.0	13.9
6.	13.1	11.9	12.4	11.2	10.8	12.6	12.8	13.3	15.3	18.8	18.8	19.8	20.7	21.3	20.9	21.3	19.0	18.6	18.7	18.6	17.6	16.3	16.9	16.2
7.	16.0	15.8	15.6	15.1	14.7	14.4	14.4	14.9	17.3	19.2	20.9	21.7	22.3	22.6	22.8	22.1	22.0	20.9	20.1	19.4	18.1	16.3	17.4	15.9
8.	15.9	14.7	14.9	14.2	13.6	12.9	13.1	14.6	15.3	16.2	18.2	18.8	20.5	21.0	21.5	22.3	22.5	21.4	20.4	19.5	18.9	15.7	14.6	13.8
9.	13.3	12.8	11.4	10.7	9.9	9.3	9.7	13.8	17.2	19.0	20.0	20.5	21.2	21.2	21.2	21.0	21.4	21.2	20.8	20.8	19.0	17.5	17.5	16.4
10	14.8	13.0	12.4	13.1	13.3	14.1	14.5	15.5	16.1	17.3	18.0	17.8	17.3	17.5	18.0	18.4	19.8	20.5	17.9	16.8	15.0	14.5	12.9	12.0
11	11.6	10.8	10.5	9.4	8.2	8.6	8.8	11.9	15.6	16.8	17.8	17.5	18.0	18.3	19.5	20.5	20.5	21.2	20.3	20.2	18.2	17.5	17.0	17.4
12	17.0	16.5	16.6	16.4	15.0	15.2	15.0	15.5	17.3	19.2	21.0	21.9	22.6	23.1	23.2	23.1	23.3	23.7	23.2	20.6	17.5	16.0	15.4	14.5
13	15.2	14.0	13.0	12.6	12.7	12.0	12.0	13.6	15.0	18.1	19.5	21.3	21.7	22.4	19.4	18.0	19.0	20.0	19.5	19.3	18.1	15.9	15.1	15.0
14	14.9	14.4	12.6	12.3	12.0	10.7	10.2	12.5	14.9	17.0	19.2	21.2	22.3	22.2	23.0	23.0	23.7	23.8	22.5	20.2	16.8	15.3	13.2	14.4
15	13.4	12.8	12.6	13.2	13.0	11.4	11.6	14.0	16.2	18.5	20.5	22.6	23.3	24.1	24.2	24.5	23.8	23.9	22.7	21.2	19.5	19.2	18.2	17.4
16	17.5	16.5	16.3	15.8	15.4	15.2	15.0	15.0	15.2	15.5	16.0	16.3	16.0	15.0	14.7	14.5	14.2	14.1	14.3	14.0	13.5	13.0	12.7	12.3
17	12.7	12.8	13.0	13.3	13.2	13.2	13.2	13.2	13.2	13.7	13.8	14.0	14.4	15.5	15.5	16.8	17.0	16.2	16.3	17.0	15.1	15.6	15.7	13.7
18	13.0	12.3	10.9	10.8	9.6	9.8	10.4	11.2	15.1	16.3	17.9	20.1	22.0	24.0	25.8	26.7	26.3	26.3	26.0	24.4	22.3	22.0	21.4	20.0
19	19.1	19.1	18.7	16.8	15.9	15.5	15.5	19.0	21.8	23.5	25.4	27.1	27.5	28.2	29.7	30.1	30.0	30.0	29.0	27.8	27.2	24.1	20.9	19.7
20	19.6	21.4	22.0	20.6	21.0	21.4	20.8	20.7	21.4	21.6	21.3	21.0	21.8	21.3	20.8	21.0	21.0	20.6	20.8	20.5	20.6	20.4	20.3	20.0
21	19.0	17.7	18.1	17.5	17.1	17.5	16.7	16.3	16.4	17.8	18.3	19.7	20.5	20.8	21.0	21.0	21.8	21.0	20.2	18.6	17.0	15.3	14.8	14.1
22	13.4	13.0	12.9	12.1	11.9	12.0	11.5	12.5	14.4	16.0	17.2	18.3	19.2	20.1	20.5	21.3	21.4	21.6	21.0	19.1	18.2	17.4	17.1	16.1
23	16.5	16.2	15.9	15.0	15.0	14.1	12.8	12.9	15.9	18.1	19.8	20.9	21.1	21.7	22.0	22.9	22.9	22.5	21.9	20.1	18.6	16.5	17.0	15.7
24	15.5	15.7	15.2	14.5	13.3	12.1	12.5	14.8	17.0	19.4	21.7	23.0	25.2	26.4	27.2	28.1	28.6	27.4	28.6	27.1	23.1	21.3	19.2	19.6
25	18.7	19.6	19.6	20.1	20.5	20.2	20.1	20.5	21.0	18.6	17.0	14.8	16.4	18.7	19.5	19.8	19.0	17.5	16.7	16.0	13.5	11.7	11.7	10.0
26	9.8	9.1	8.2	6.8	7.0	7.1	6.0	9.0	11.1	13.5	15.0	16.5	16.8	17.3	17.1	16.9	18.0	16.7	16.4	14.6	11.2	9.9	9.0	7.6
27	8.9	7.0	5.6	4.5	4.0	3.6	3.9	7.9	11.8	14.1	16.2	17.1	17.9	19.3	20.0	20.6	21.1	20.9	20.4	18.2	15.4	14.3	13.8	13.3
28	14.6	13.7	13.0	12.8	13.0	12.8	12.8	14.5	15.5	15.7	15.5	16.1	17.6	18.0	18.5	18.3	18.5	18.5	18.5	18.0	17.2	16.6	16.3	16.0
29	15.8	15.8	15.2	15.2	14.5	14.3	14.5	14.5	15.4	16.0	16.0	17.8	18.0	19.0	19.0	18.7	19.0	19.6	19.0	17.4	16.4	15.6	13.8	12.1
30	11.4	12.0	12.1	12.4	12.0	12.1	11.7	11.6	12.0	13.2	15.4	16.8	17.6	18.0	19.7	19.9	19.7	19.5	18.6	16.1	12.4	11.1	12.2	11.5
31	10.9	9.4	8.4	7.9	8.2	6.9	7.8	3.2	10.5	12.0	14.6	17.3	18.3	18.6	18.8	19.0	18.8	18.2	17.4	16.6	14.7	14.3	14.5	13.2
MEAN	14.7	14.1	13.8	13.3	13.1	12.8	12.7	14.0	15.9	17.3	18.4	19.4	20.1	20.6	21.0	21.3	21.4	21.1	20.4	19.3	17.6	16.5	15.7	14.8

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS										AUGUST / AOUT			19 80
Temperature/Température — °Celsius Precipitation/Précipitation — Millimètres (mm) Rainfall/Hauteur de pluie — Millimètres (mm) Snowfall/Hauteur de neige — Centimètres (cm) Wind speed/Vitesse du vent — Kilomètres/par heure (km/h) Station pressure/Pression à la station — 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 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	30.7	19	29.5	20	32.8	40.6	7	1949	27.2	15	1885	109			
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	3.5	27	4.0	15	3.6	7.8	12	1961	-1.1	20	1888	109			
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	16.9		16.4		18.7	21.6		1961	14.4	27	1891	109			
										28	1910	109			
											1977	109			
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	109.8		76.1		73.7	180.6		1876	3.3		1915	109			
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE															
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	109.8		76.1		73.7	180.6		1876	3.3		1915	109			
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	16		10		10	20		1977	1		1915	97			
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	25.7	3	40.8	1		84.6	16	1884				109			
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE															
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	25.7	3	40.8	1		84.6	16	1884				109			
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:															
5 MINUTES	7.1	3	10.7	1		10.7	1	1962				23			
							1	1979							
10 MINUTES	8.9	3	19.2	1		19.2	1	1979				23			
15 MINUTES	8.9	3	25.7	1		25.7	1	1979				23			
30 MINUTES	15.5	3	35.3	1		35.8	15	1972				23			
60 MINUTES	20.0	3	39.6	1		39.6	1	1979				23			
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	28.0	3-4	40.8	1		84.6	16	1884				109			
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	13.8		15.2		17.1	22.0		1964	12.6		1972	60			
SE 52	4														
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	NW 52	25	SE 46	1	51	N 77	30	1944				42			
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	ESE83	4	WSW93	1	84	NW122	18	1973				36			
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	236.1		284.7		276.2	350.8		1967	160.5		1912	81			
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	98.22		98.48		98.49	98.91		1957	98.14		1969	42			
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	99.59	27	100.22	14	99.67	100.44	30	1967				42			
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	95.82	4	96.69	31	97.02				95.82	4	1980	42			
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN DIX (10)	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 DEGREES DAYS DEGRÉS JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRÉS JOURS DE CROISSANCE				
1971	33.9	3.3	18.8	17.0		17.0	15.1	SW43	314.2	32.2	430.6				
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	NW64	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	SE46	284.7	69.9	352.6				
1980	30.7	3.5	16.9	109.8		109.8	13.8	NW52 SE52	236.1	47.8	370.0				