

WIND SUMMARY ( KILOMETRES PER HOUR )

MONTH FEBRUARY

1986

PAGE 6

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	SE 20	SE 17	SE 19	SE 19	SE 19	SSE 22	SSE 24	S 20	S 20	ENE 22	S 20	S 22	S 17	E 15	S 17	S 15	S 11	S 7	S 6	S 4	C 4	C 4	W 4	NW 4	S 35	0720
2	WNW 4	WNW 6	WNW 6	WNW 4	WNW 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	S 39	1321
3	SSE 19	S 20	S 19	S 22	S 19	S 20	S 20	S 15	S 19	S 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22	C 22		
4	S 11	S 11	S 13	S 11	S 6	S 6	S 6	S 6	S 6	S 6	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4		
5	WSW 7	C 7	C 7	WSW 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4		
6	NNW 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6		
7	N 13	N 13	N 17	N 17	N 11	NNW 13	NNW 19	NNW 19	NNW 15	NNW 13	NNW 19	NNW 19	NNW 13	N 15	NNW 11	NW 15	NW 11	NW 15	NW 13	NW 15	NW 17	NW 15	NW 13	NW 11		
8	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11	WNW 11		
9	NW 9	NW 9	NW 15	NW 13	NW 17	NW 11	NW 19	NW 11	NW 13	NW 17	NW 19	NW 17	NW 15	NW 13	NW 13	NW 11	NW 13	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11		
10	NNW 7	WNW 7	WNW 7	WNW 11	WNW 11	WNW 9	WNW 9	W 6	WSW 6	WNW 4	WNW 11	WNW 11	W 9	W 9	W 11	W 9	W 9	W 9	W 4	SSW 6	SSW 6	SSW 6	SSW 6	SSW 6		
11	C 6	C 6	SW 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4	C 4		
12	S 6	S 6	S 7	SSW 7	S 7	S 7	S 7	S 7	SSW 6	SSW 6	SSW 6	SSW 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6	S 6		
13	SW 11	SW 7	SW 6	S 9	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6	C 6		
14	W 11	WSW 7	W 7	W 11	WSW 15	WSW 9	WSW 11	WSW 7	WSW 9	WSW 11	WSW 13	WSW 9	WSW 15	WSW 19	WSW 15	WSW 19	WSW 15	WSW 19	WSW 15	WSW 19	WSW 15	WSW 19	WSW 15	WSW 19		
15	W 13	W 15	W 15	W 15	W 13	W 11	W 9	W 7	W 19	W 15	W 17	W 13	W 13	W 9	W 11	W 9	W 9	W 4	W 4	W 4	W 4	W 4	W 4	W 4		
16	ENE 9	E 7	E 13	E 9	E 13	E 9	ENE 15	ENE 13	E 11	ENE 9	ENE 15	ENE 15	E 15	E 19	E 19	E 19	E 13	E 19	E 20	E 19	E 19	E 17	E 20	E 19	SSE 37	2201
17	S 19	S 15	S 15	S 17	S 17	S 15	S 13	S 11	S 7	WSW 19	NW 17	NW 26	NW 22	NW 22	NW 22	NW 22	NW 15	NW 19	NW 15	NW 13	NW 15	NW 13	NW 13	NW 13	NW 32	1041
18	NW 13	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11	NW 11		
19	NNW 13	NW 17	NW 19	NW 13	NW 13	NW 11	NNW 13	NNW 6	NW 17	NW 13	NW 9	NW 9	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13	NNW 13		
20	WNW 17	WNW 13	WNW 13	W 15	W 17	W 11	W 17	W 17	W 9	W 11	W 6	W 4	W 7	W 4	W 7	W 15	W 11	W 11	W 13	W 15	W 15	W 20	W 19	W 20		
21	S 22	S 28	SSE 37	SSE 43	SSE 50	S 46	S 37	S 33	S 37	S 33	S 33	S 30	S 30	S 30	S 26	S 24	S 20	S 17	S 13	S 6	NW 6	NW 20	NW 15	N 22	S 67	0430
22	N 22	N 17	NNW 19	NW 13	NW 19	NW 17	NW 15	NW 13	NW 6	NW 6	NW 4	NW 6	NW 7	NW 2	NW 7	NW 9	NW 6	NW 7	NW 11	NW 9	NW 13	NW 9	NW 13	N 11		
23	S 11	S 9	S 11	S 13	S 11	S 11	S 9	S 9	S 11	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9	S 9		
24	NE 7	ENE 7	E 9	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	E 11	S 39	2328
25	S 26	SSE 24	SSE 26	SSE 30	SSE 30	SSE 31	SSE 30	SSE 31	S 28	S 26	S 28	S 24	S 24	S 17	S 15	S 15	S 4	S 7	S 7	S 7	C 4	NNW 4	NNW 7	WSW 11	S 43	0542
26	WNW 11	NNE 2	N 2	C 2	WSW 4	C 4	NW 4	WNW 2	N 2	NW 4	NW 4	NNW 7	NW 7	NW 9	NW 11	NW 19	NW 30	N 26	N 28	N 33	N 31	N 31	N 33	N 28	N 43	1717
27	N 24	N 24	N 26	N 22	N 22	N 17	N 20	N 13	N 15	N 13	N 11	N 11	N 7	N 17	N 13	N 11	N 9	N 9	N 9	N 7	N 11	N 9	N 9	N 11		
28	WSW 11	SW 13	WSW 11	SW 11	WSW 11	SSW 9	SSW 4	SSW 7	SSW 6	SSW 9	SSW 7	SSW 9	SSW 4	SSW 13	SSW 13	SSW 17	SSW 17	SSW 13	SSW 13	SSW 7	SSW 11	SSW 15	SSW 19	SSW 15		

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	12.6	12.8	12.9	12.9	12.1	12.1	11.1	11.1	11.9	12.1	13.0	12.6	11.8	11.7	12.6	11.3	12.9	11.2	12.9	12.9	12.6	12.9	12.9	12.9

C ---> CALM.

HOURLY TEMPERATURES AT WLNIIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF FEBRUARY 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	-7.9	-7.9	-7.2	-6.9	-6.8	-6.8	-6.6	-6.5	-6.7	-6.7	-6.5	-6.5	-6.2	-6.2	-6.1	-5.9	-5.9	-5.7	-5.8	-5.9	-5.7	-5.4	-5.5	-6.0
2	-7.1	-7.1	-6.8	-6.7	-6.9	-6.5	-6.8	-6.9	-7.1	-7.3	-6.2	-5.4	-4.7	-5.8	-6.8	-6.0	-5.8	-6.2	-5.8	-5.8	-5.9	-5.5	-5.1	-5.1
3	-4.9	-4.5	-4.1	-3.9	-3.9	-3.7	-3.8	-3.5	-3.4	-3.3	-3.2	-2.9	-3.0	-3.2	-3.2	-3.0	-3.2	-3.5	-4.0	-4.4	-4.4	-4.4	-4.2	-4.1
4	-3.8	-3.2	-3.3	-3.3	-3.5	-3.4	-3.6	-3.7	-3.7	-4.4	-3.6	-3.6	-3.4	-3.9	-4.3	-3.9	-3.5	-3.9	-4.1	-5.1	-6.1	-7.7	-8.5	-8.9
5	-8.5	-8.7	-10.0	-11.0	-10.5	-9.7	-9.8	-9.9	-10.2	-9.7	-9.4	-8.6	-7.8	-6.3	-6.8	-6.5	-6.3	-6.1	-6.2	-6.3	-6.2	-5.5	-5.4	-6.4
6	-6.4	-6.4	-6.3	-6.1	-6.1	-6.1	-6.1	-6.1	-6.2	-6.2	-6.0	-5.8	-5.7	-5.7	-5.7	-5.8	-6.0	-6.1	-5.9	-7.5	-8.7	-9.2	-9.7	-10.6
7	-11.0	-11.9	-12.3	-12.7	-15.4	-15.6	-16.1	-15.6	-15.5	-15.2	-15.1	-15.2	-15.3	-14.9	-14.7	-14.7	-15.0	-16.3	-17.8	-19.2	-19.5	-21.0	-21.1	-20.7
8	-21.2	-21.7	-23.0	-24.8	-24.3	-25.2	-24.8	-23.6	-23.2	-23.2	-20.6	-19.8	-18.5	-17.9	-17.3	-16.5	-16.7	-18.4	-19.8	-21.1	-21.7	-22.6	-23.4	-24.5
9	-24.5	-26.2	-25.5	-24.8	-23.3	-23.0	-21.7	-21.9	-21.8	-22.1	-22.0	-21.6	-21.3	-20.9	-20.4	-20.2	-20.3	-20.9	-22.7	-24.2	-24.8	-24.9	-26.5	-27.9
10	-27.5	-26.8	-28.4	-27.0	-28.1	-28.7	-28.8	-30.2	-28.3	-26.3	-23.2	-21.8	-20.6	-20.2	-19.4	-19.3	-19.3	-19.5	-20.6	-21.4	-23.2	-22.7	-23.4	-24.6
11	-24.8	-26.2	-27.0	-27.1	-28.5	-29.1	-28.9	-30.4	-30.2	-28.1	-24.1	-20.2	-20.8	-20.0	-18.8	-17.5	-18.3	-18.9	-20.3	-21.5	-22.2	-21.9	-22.2	-22.5
12	-23.2	-23.5	-24.0	-24.7	-24.2	-25.5	-25.4	-25.9	-23.9	-22.1	-20.0	-18.5	-17.5	-15.8	-14.5	-12.6	-12.4	-12.8	-13.9	-14.7	-15.4	-16.5	-17.6	-17.4
13	-18.1	-18.7	-21.2	-21.0	-20.6	-21.6	-21.5	-20.9	-20.9	-19.7	-17.5	-15.2	-14.1	-13.9	-14.9	-16.2	-16.9	-18.0	-19.3	-19.9	-21.9	-21.4	-22.2	-22.3
14	-22.5	-23.6	-23.6	-23.8	-23.5	-23.7	-24.5	-24.7	-25.6	-23.7	-22.2	-20.8	-19.5	-17.6	-16.6	-15.6	-14.8	-14.8	-15.2	-14.8	-13.8	-13.8	-15.8	-16.9
15	-17.2	-18.5	-18.3	-16.9	-16.8	-16.4	-15.7	-15.7	-17.2	-20.8	-18.2	-18.0	-18.0	-17.4	-17.8	-17.5	-17.1	-17.7	-17.6	-18.3	-21.3	-22.2	-20.7	-20.2
16	-19.8	-18.7	-18.8	-18.9	-19.2	-19.4	-19.5	-19.4	-18.8	-18.3	-17.2	-16.0	-14.6	-13.4	-12.5	-12.0	-10.9	-10.2	-10.0	-9.6	-9.5	-9.1	-8.0	-7.9
17	-8.0	-7.9	-8.0	-7.8	-7.6	-7.4	-7.4	-7.4	-10.4	-11.8	-13.0	-13.5	-13.6	-13.9	-15.6	-16.2	-17.1	-18.4	-19.3	-20.4	-22.8	-23.1	-23.9	-23.9
18	-24.2	-24.5	-23.7	-23.8	-24.8	-24.6	-22.3	-22.9	-22.5	-22.2	-22.8	-22.1	-21.7	-21.4	-21.7	-21.6	-21.3	-21.0	-20.6	-20.3	-20.2	-19.8	-20.2	-20.2
19	-20.2	-20.1	-20.8	-21.6	-21.5	-21.8	-21.9	-22.8	-22.4	-22.2	-22.1	-21.9	-21.6	-21.1	-21.0	-20.8	-20.1	-20.1	-21.7	-23.3	-24.2	-26.1	-25.7	-24.8
20	-26.1	-27.2	-27.5	-28.3	-28.6	-31.1	-29.9	-31.2	-30.7	-29.5	-27.5	-25.3	-24.1	-22.8	-22.3	-23.2	-22.7	-23.2	-25.1	-25.5	-25.7	-25.2	-24.7	-24.6
21	-23.9	-23.7	-22.5	-20.4	-19.1	-18.3	-18.7	-19.3	-19.5	-18.9	-17.1	-16.5	-15.1	-14.5	-13.7	-12.9	-12.5	-12.2	-12.1	-12.1	-13.4	-14.9	-17.8	-18.2
22	-18.7	-19.9	-20.9	-21.8	-23.0	-23.9	-24.0	-25.2	-26.3	-22.9	-21.3	-19.8	-18.9	-17.1	-15.6	-15.8	-14.7	-15.5	-17.2	-18.3	-19.3	-19.9	-21.0	-21.5
23	-20.7	-21.5	-23.0	-22.6	-22.1	-22.3	-23.1	-23.8	-23.2	-20.6	-16.3	-15.8	-15.1	-14.7	-13.7	-12.6	-12.6	-12.8	-12.9	-13.3	-13.1	-13.3	-13.4	-13.2
24	-12.6	-12.6	-12.6	-12.9	-12.6	-12.3	-12.1	-12.4	-12.3	-11.5	-10.6	-9.8	-9.0	-7.7	-7.3	-7.0	-7.2	-8.3	-8.8	-10.1	-10.0	-9.1	-9.4	-9.1
25	-9.4	-10.1	-9.8	-9.6	-8.7	-8.1	-7.7	-7.0	-6.7	-6.0	-5.1	-3.9	-3.2	-2.2	-1.3	-0.9	-0.4	-0.5	-0.3	-2.5	-4.4	-4.6	-5.0	-7.2
26	-8.2	-8.4	-8.5	-8.6	-8.1	-8.4	-10.3	-10.6	-10.0	-8.4	-6.7	-6.2	-4.6	-3.5	-3.5	-3.0	-4.0	-4.3	-4.7	-5.4	-5.5	-5.5	-5.6	-5.8
27	-6.0	-6.3	-6.6	-7.0	-8.2	-8.8	-9.0	-11.0	-10.1	-9.0	-9.8	-9.2	-8.5	-8.4	-8.8	-7.6	-6.8	-6.7	-7.8	-9.2	-9.5	-10.1	-11.3	-10.7
28	-10.9	-10.3	-10.8	-10.8	-8.5	-9.9	-9.3	-9.9	-8.8	-7.7	-5.8	-5.0	-4.3	-3.6	-3.2	-2.2	-2.5	-2.3	-3.3	-3.6	-4.9	-5.4	-5.3	-5.7
MEAN	-15.6	-15.9	-16.2	-16.2	-16.5	-16.4	-16.7	-16.5	-16.0	-14.7	-13.9	-13.3	-12.6	-12.3	-12.0	-11.9	-12.3	-12.9	-13.7	-14.3	-14.7	-15.1	-15.4	-15.4

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		
MEAN	-6.4	-3.7	-8.0	-4.4	-6.7	-15.9	-23.1	-23.7	-19.1	-18.1	-13.4	-22.1	-17.0	-17.3	-5.2	-8.6	-6.4	-6.2	-4.4	-6.7	-21.4	-24.1	-19.3	-19.6	-14.7	-22.2	-26.3	-20.1	-10.3	-6.6

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		FEBRUARY / FEVRIER		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 — Millimetres (mm) — Millimetres (mm) — Centimetres (cm) — Kilometres per hour (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		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR		YEAR ANNÉE
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		0.0	25	5.4	28	2.0	11.7	25	1958	-9.4	19	1875	115
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-31.5	20	-35.1	1	-35.3	-19.4	9	1878	-45.0	18	1966	115
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-15.0		-16.9		-15.6	-5.1		1878	-26.1		1875	115
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		Tr.				0.7	10.2		1958	Nil	SVRL	YEARS	115
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		14.5		16.6		18.9	89.9		1881	2.5		1903	115
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		12.9		13.5		17.5	89.9		1881	2.5		1903	115
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		9		10		9	15		1945	2		1900 1931	103
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		Tr.	2*				7.6	23	1958				115
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		3.2	17	6.4	9		25.4	16	1921				115
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		2.7	17	5.6	9		25.4	16	1927				115
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		Tr.	2*										
10 MINUTES		Tr.	2*										
15 MINUTES		Tr.	2*										
30 MINUTES		Tr.	2*										
60 MINUTES		Tr.	2*										
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		Tr.	2*	0.0			7.6	23	1958				115
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		12.1		16.5		18.1	23.8		1954	12.6		1929	66
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		SSE50	21	E 44 S 44 N 44	8 24 25	57	NW90	8	1960				48
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S 67	21	SSW63	28	76	NW129	20	1965				41
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		94.5		144.7		144.2	185.9		1907	80.5		1940	81
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.88		99.05		98.90	99.57		1978	98.26		1954	48
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.96	10	100.49	11	100.77	102.06	29	1980				48
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.95	17	96.57	28	96.61				95.11	8	1960	48
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 DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE		
1977	3.8	-33.7	-11.7	Tr.	23.5	20.9	16.7	N 56	122.7	830.2			
1978	-1.0	-36.0	-17.7	Nil	8.7	7.5	16.4	NNE 43	179.0	999.2			
1979	-7.2	-38.8	-22.0	Nil	20.9	20.1	18.3	NNE 54	136.4	1119.9			
1980	-1.7	-35.2	-15.9	Nil	18.5	17.6	16.3	S, NNW48	120.8	981.5			
1981	7.5	-37.0	-10.1	Tr.	5.9	3.3	15.9	SSE 56	138.9	787.3			
1982	6.0	-34.0	-14.5	0.4	8.2	7.8	17.9	SSE 52	139.5	911.0			
1983	4.2	-31.1	-10.6	3.1	15.0	15.1	17.7	SSE 57	92.4	978.6			
1984	5.4	-30.1	-6.8	4.0	4.8	8.0	14.7	NNW 56	111.9	717.1			
1985	5.4	-35.1	-16.9	Nil	16.6	13.5	16.5	E, S, N 44	144.7	977.1			
1986	0.0	-31.5	-15.0	Tr.	14.5	12.9	12.1	SSE 50	94.5	923.0			

\* - INDICATES MORE THAN ONE OCCURRENCE.  
- EARLIEST YEAR RECORDED.