

WIND SUMMARY ( KILOMETRES PER HOUR )

MONTH SEPTEMBER

1985

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	WNW 24	NW 26	NW 22	WNW 22	WNW 13	NW 13	NNW 15	N 17	N 15	NNW 15	N 7	C NNW 7	E 4	C	C	C	SE 4	SE 6	SSE 6	S 4	SE 4	S 7	S 11	NW 39	0002	
2	S 15	S 15	S 15	S 19	S 15	SSE 15	SSE 13	S 13	S 17	SSE 13	SSE 17	SE 11	ESE 6	SE 11	ESE 15	ESE 17	ESE 13	ESE 13	ESE 13	E 13	ENE 6	N 6	NNE 7			
3	NNE 6	NNE 9	N NNW 7	NNW 2	NW 2	NW 2	C	W 2	W 4	WSW 4	WSW 6	WSW 11	WSW 9	SSW 11	SSW 13	SSW 9	SSW 11	SSW 13	S 15	S 15	S 19	S 17	S 15			
4	S 13	S 15	SW 6	S 13	S 17	S 9	S 6	S 9	W 11	WNW 19	NW 17	NNW 15	WNW 19	WNW 20	NW 24	NW 28	NNW 24	NNW 17	NNW 13	NNE 17	NNE 13	NNE 19	ENE 17	NW 39	15	
5	ESE 6	E 7	ESE 9	ESE 7	SE 11	ESE 17	SE 15	ESE 15	ESE 22	SE 20	ESE 22	ESE 33	ESE 24	SE 31	W 13	E 9	SE 7	S 17	S 15	S 13	S 13	WSW 9	SW 7	SE 52	1307	
6	SSW 9	SW 7	WSW 11	W 13	W 11	W 9	W 11	WNW 15	WNW 20	NW 31	WNW 30	NW 26	WNW 30	WNW 20	NNW 19	NNW 22	NNW 13	NNW 11	NNW 7	NNW 6	NNW 7	NNW 7	N 9	NW 46	0854	
7	NNE 7	NNE 11	NNE 9	N 4	NE 9	N 11	N 11	N 15	NE 15	NE 11	NE 15	NE 19	NNE 13	NNE 20	N 26	N 19	NNE 19	N 26	N 24	N 22	N 22	N 19	N 20	N 35	1341	
8	N 15	N 15	N 11	N 11	NNE 7	NNE 7	NNE 6	N 11	NNE 15	NNE 15	NNE 19	NNE 22	NNE 24	NNE 28	NNE 26	NNE 31	NNE 24	NNE 24	NNE 17	NNE 13	N 11	N 17	NNE 19	NNE 41	1346	
9	N 11	NNE 11	NE 7	NNE 6	NNE 4	N 4	N 6	NNE 4	NNE 9	NNE 11	NNE 15	NE 13	NE 15	NE 17	NE 15	NE 11	NE 15	NE 13	NE 6	N 4	N 4	NW 4	WNW 4			
10	NNE 6	NW 6	NW 4	C	C	C	NW 4	NNW 4	NNE 6	NE 6	NE 7	NE 7	ENE 9	ENE 11	15	11	15	11	9	11	ENE 9	ESE 7	C 7	NNE 2		
11	NNE 2	C	C	C	C ESE 4	S 2	C	C	C ESE 2	ESE 6	SE 6	WNW 4	SSE 7	E 11	C	SE 7	ESE 7	ESE 7	SE 7	SSE 7	NE 4	C 4	ESE 4			
12	ESE 11	SE 11	SE 11	SE 13	SE 13	SE 13	ESE 13	SE 15	SE 17	SE 20	SE 26	SE 26	SSE 28	SE 30	SE 26	SSE 26	SSE 26	SSE 19	SSE 15	SSE 13	SSE 19	SE 17	SE 19	SE 46	1345	
13	SE 20	SE 17	SE 22	SE 19	SE 15	SSE 22	SSE 20	SSE 20	SSE 22	S 26	S 26	S 26	S 24	S 24	S 22	S 20	S 20	S 20	S 19	SSE 19	SSE 22	SSE 20	SSE 17	S 48	1320	
14	S 15	S 19	S 15	S 17	S 15	S 17	S 15	S 19	S 13	S 15	S 17	S 19	S 22	S 20	S 20	S 20	S 19	S 19	S 17	SSE 17	SSE 22	SSE 15	SSE 15	S 39	1225	
15	S 19	S 11	S 15	S 15	S 19	S 20	S 19	S 15	S 19	S 26	S 26	S 20	S 24	S 24	S 24	S 28	S 37	S 22	S 19	S 24	S 28	S 30	S 30	S 50	2053	
16	S 19	SSW 22	SSW 19	SW 7	SW 9	WSW 11	WSW 4	WSW 6	SSW 11	SSE 17	S 9	S 22	S 20	S 19	S 22	SSW 15	SSW 20	SSW 13	S 7	S 11	S 20	S 19	S 17	SW 87	1405	
17	S 9	S 13	S 11	S 15	WSW 9	WSW 7	WSW 9	WSW 9	SSW 17	SSW 17	SSW 15	SSW 20	SSW 26	SSW 22	SSW 20	SSW 20	SSW 15	SSW 13	W 6	W 7	W 7	W 9	W 11	SW 41	1153	
18	NW 7	WNW 9	WNW 9	C	C	W 4	W 6	W 6	NW 4	NW 7	N 7	N 11	N 13	N 13	N 19	N 24	N 19	N 19	N 15	N 22	N 22	N 19	N 24	NNE 41	2301	
19	NNE 24	NNE 26	NNE 26	NNE 26	NNE 28	NNE 20	NNE 30	NNE 19	N 28	N 22	N 26	N 24	N 30	N 35	N 26	N 33	N 37	N 28	N 33	N 30	N 28	N 26	N 22	N 48	1500	
20	NW 22	NW 22	NW 22	WNW 19	WNW 19	WNW 19	WNW 15	WNW 13	WNW 13	WNW 22	WNW 19	WNW 19	WNW 26	WNW 26	W 15	W 20	W 17	W 13	W 7	WSW 9	WSW 6	WSW 7	SSW 9	WNW 39	1	
21	SSE 7	S 11	S 19	S 17	S 19	S 17	S 22	S 22	S 30	S 35	S 41	S 41	S 44	S 41	S 46	S 43	S 41	S 30	S 28	SSE 26	SSE 26	SSE 30	SSE 30	S 67	1418	
22	S 31	S 30	S 26	S 28	S 22	S 19	S 20	S 22	S 22	S 28	S 20	S 17	S 13	S 15	S 19	S 19	S 19	WNW 11	WNW 22	WNW 26	WNW 30	WNW 28	WNW 20	WNW 44	1907	
23	NW 22	NW 26	NW 26	NW 20	NW 19	NW 26	NW 26	NW 24	NW 28	NW 31	NW 31	NW 28	NW 28	NW 30	NW 30	NW 33	NW 33	NW 31	NW 26	NW 28	NW 24	NW 19	NW 22	NW 50	1336	
24	W 15	W 24	W 22	WNW 26	W 20	W 22	W 22	W 24	W 28	W 22	W 28	W 19	W 22	W 26	W 17	W 20	W 19	W 19	W 15	W 11	W 11	W 11	W 11	W 46	0802	
25	WSW 15	WSW 13	WSW 13	WSW 15	WSW 15	WSW 15	WSW 15	WSW 15	WSW 15	WSW 11	WSW 17	WSW 19	WSW 17	W 19	W 22	W 24	W 19	W 13	W 7	WSW 7	WSW 7	WSW 7	WSW 7	WNW 32	1205	
26	SW 9	SW 9	WSW 11	WSW 11	SW 11	SSW 11	SSW 9	SSW 7	SSW 7	SSW 6	SSW 19	SSW 24	SSW 22	S 22	S 20	S 22	S 20	S 24	S 22	SSE 28	S 31	S 37	S 37	S 48	2201	
27	S 30	S 26	S 26	S 15	S 9	S 11	WSW 7	WNW 13	WNW 22	WNW 22	WNW 26	WNW 24	WNW 28	WNW 33	WNW 33	WNW 31	WNW 28	WNW 30	WNW 26	WNW 30	WNW 19	WNW 24	WNW 28	NW 50	1610	
28	WNW 22	WNW 22	WNW 19	WNW 22	NW 20	NW 19	NW 26	NW 22	NW 24	NW 24	NW 26	NW 30	NW 26	NW 24	NW 19	NW 15	NW 15	NW 11	NW 7	NW 6	NW 7	NW 11	NW 9	NW 35	0120	
29	N 4	NNW 9	NNW 7	NNW 9	NNW 9	NE 6	NNW 6	NNW 4	NW 4	NW 2	NW 7	NW 17	NW 15	N 13	N 15	N 19	N 19	N 15	N 7	NNE 7	NNE 7	NNE 6	NNE 9			
30	N 6	WNW 9	NNW 4	NNW 4	C	W 6	NW 2	C	NW 4	NNW 4	N 6	NE 4	N 13	N 13	N 13	N 15	N 19	N 15	N 9	N 9	N 7	N 9	N 11			

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	14.0	14.1	12.1	12.1	12.6	15.1	18.5	19.9	20.3	19.8	16.3	14.7	14.8	15.0	13.0	12.5	12.6	17.0	19.2	20.7	20.4	18.6	15.2	15.2	14.1

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HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1985

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	13.5	12.6	10.8	9.8	8.6	8.0	8.6	9.7	10.6	11.1	12.1	13.5	14.4	15.8	16.8	17.1	17.9	18.1	17.4	15.0	15.2	13.6	13.1	12.2
2	13.0	12.2	12.5	12.5	12.7	12.0	12.3	12.4	13.4	13.8	14.4	15.4	15.2	15.2	15.5	15.1	14.7	14.4	14.6	14.0	13.5	11.7	11.0	12.3
3	12.4	12.4	11.6	11.3	11.5	11.9	11.7	12.5	13.5	14.7	15.5	16.5	17.4	18.8	20.4	21.2	21.3	21.0	20.7	18.9	17.7	16.9	16.1	16.0
4	16.1	15.4	15.9	15.6	14.7	14.3	13.9	14.6	15.1	14.6	13.8	13.9	15.1	15.6	16.6	16.0	15.8	15.6	14.9	12.9	11.3	11.5	10.6	9.5
5	9.1	9.4	8.7	8.1	8.2	8.0	7.9	9.1	10.9	13.2	14.1	16.7	16.2	17.2	17.4	16.0	17.3	20.9	20.5	20.8	20.1	19.4	18.0	17.1
6	16.6	16.6	16.0	14.9	13.4	12.7	12.1	12.0	12.9	12.4	11.9	12.6	14.1	13.8	14.7	14.6	14.5	14.7	13.6	10.9	8.2	8.4	8.1	6.9
7	7.5	8.4	7.7	7.8	7.6	7.6	7.6	7.9	8.2	9.6	10.2	10.3	11.6	12.7	11.1	10.3	10.4	10.2	9.8	9.2	8.5	8.1	8.0	8.2
8	8.0	7.5	6.5	5.9	4.8	3.5	2.7	4.5	6.9	9.0	10.7	11.9	12.4	13.3	13.9	13.3	13.4	12.9	12.4	10.1	8.3	8.4	7.5	8.3
9	7.2	7.5	5.8	3.2	2.8	4.1	5.0	6.2	7.3	9.2	11.0	9.7	10.9	11.5	11.5	12.0	11.8	12.1	11.8	9.3	7.9	8.3	7.5	7.2
10	7.7	5.1	4.3	3.4	2.2	1.9	0.4	2.7	8.0	10.6	12.9	14.6	15.1	16.2	16.3	15.2	15.4	14.6	14.2	11.6	9.7	8.3	6.5	5.4
11	5.7	5.1	3.5	4.0	2.2	3.4	4.0	4.7	8.9	12.7	14.7	15.3	16.1	16.8	17.2	18.0	18.4	18.0	17.0	13.2	12.2	10.6	9.2	8.6
12	7.4	7.6	7.5	7.6	7.5	7.4	7.0	8.1	10.0	13.8	16.4	18.2	19.1	20.0	19.7	19.9	19.0	19.1	17.9	16.3	14.6	13.5	12.7	12.6
13	12.0	11.0	11.0	11.0	11.2	11.6	11.6	11.0	11.1	12.1	13.0	12.4	12.2	12.6	12.9	12.4	12.4	12.4	12.3	12.0	12.0	12.2	12.2	12.1
14	12.1	12.0	11.7	11.8	11.8	11.5	11.5	11.4	12.0	12.4	13.1	13.9	14.5	14.9	14.5	14.4	13.9	13.8	13.6	13.4	13.6	14.0	14.4	14.9
15	15.6	15.3	15.9	15.6	15.5	15.1	15.1	15.3	15.8	16.2	16.1	16.2	16.5	16.8	17.4	18.1	18.2	17.9	18.5	17.7	18.1	19.0	19.6	19.6
16	19.3	19.3	19.1	17.2	16.0	15.1	14.5	14.8	15.0	15.2	15.2	15.8	16.8	18.0	20.5	20.0	21.1	21.2	20.8	17.5	18.3	18.0	16.7	16.2
17	16.0	15.9	15.1	14.6	13.1	11.8	10.7	10.6	12.5	16.4	19.4	20.2	21.4	21.8	22.8	23.7	22.4	22.0	19.5	18.1	17.6	15.7	12.4	10.8
18	9.7	9.6	8.6	7.1	6.9	7.2	7.2	6.3	10.0	11.2	12.7	13.2	14.0	13.0	14.1	15.3	14.2	13.0	12.3	10.6	9.7	9.7	9.7	10.4
19	10.3	10.3	10.0	10.0	9.7	9.5	9.3	8.6	8.5	8.1	8.3	8.7	8.1	7.9	7.8	7.4	6.5	6.1	5.2	4.4	3.7	3.0	2.3	2.3
20	2.2	2.1	2.0	2.0	2.0	2.2	2.0	2.6	3.2	5.3	5.7	6.2	7.0	7.8	7.5	8.3	7.6	7.5	6.5	6.1	6.0	6.1	6.1	3.4
21	2.6	1.9	2.9	2.8	2.7	2.3	2.3	3.4	4.9	6.5	8.4	9.9	12.0	13.4	14.2	14.1	14.3	14.0	12.8	11.1	10.3	9.3	9.1	9.1
22	9.5	9.0	9.1	8.9	8.7	8.5	8.1	8.2	8.5	9.2	10.6	11.4	12.0	12.7	14.5	13.5	13.8	10.6	8.5	7.7	7.1	6.1	5.9	5.8
23	5.5	5.7	5.7	5.6	5.6	5.4	4.7	4.4	4.6	5.9	6.9	8.0	8.7	8.1	8.2	7.2	6.5	5.4	4.8	4.3	3.8	2.8	2.2	1.7
24	1.0	1.2	1.6	1.5	1.6	2.3	1.9	1.9	2.1	3.2	3.8	5.3	6.3	5.8	5.4	5.1	4.9	4.6	4.2	4.0	4.0	3.4	3.2	3.6
25	3.1	2.2	0.5	-0.7	-1.1	-1.2	-1.4	-1.4	0.6	2.9	4.5	6.2	7.0	7.9	8.8	10.1	9.7	9.2	7.3	4.9	4.1	3.4	1.9	1.2
26	0.2	0.0	-0.3	-1.1	-2.0	-1.9	-3.2	-2.8	-0.9	5.9	8.4	9.3	10.6	12.4	13.0	13.1	12.8	13.0	12.4	11.4	11.3	11.2	10.8	10.5
27	10.0	9.5	8.7	8.7	7.9	7.1	7.1	7.7	6.1	5.2	5.6	5.3	5.4	4.2	4.0	4.3	4.3	4.1	3.8	3.4	3.0	2.9	2.9	2.9
28	2.5	2.9	2.9	2.7	2.6	2.6	2.6	2.6	2.9	3.3	4.1	5.2	5.5	5.7	6.5	5.7	4.9	5.6	4.6	3.1	3.3	3.5	3.1	3.1
29	2.4	0.6	-0.6	-0.5	-1.2	-2.2	-2.8	-2.8	-0.5	2.5	5.7	7.0	6.6	7.0	6.7	7.0	7.3	6.7	5.0	3.6	3.7	3.5	2.2	1.7
30	0.7	-0.7	-0.9	-2.2	-1.0	0.1	0.3	0.6	1.8	3.8	5.5	5.7	6.7	7.3	7.7	8.0	7.6	6.8	5.2	3.5	3.1	2.9	0.8	-0.4
MEAN	8.6	8.3	7.8	7.3	6.9	6.7	6.5	6.9	8.1	9.7	10.8	11.6	12.3	12.8	13.3	13.2	13.1	12.8	12.1	10.6	10.0	9.5	8.8	8.4

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	29	30
MEAN	13.1	15.9	14.3	14.3	12.8	9.1	8.4	9.0	9.3	13.5	13.5	17.6	16.9	7.3	4.9	8.1	9.5	5.5	5.5	3.4	3.4	6.4	3.8	3.0	2.9	2.9	5.6	5.6	2.9	3.0

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		SEPTEMBER / SEPTEMBRE		19 85												
Temperature/Température	— Celsius	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					
Precipitation/Précipitation	— Millimetres (mm)						HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU								
Rainfall/Hauteur de pluie	— Millimetres (mm)	VALUE RELEVÉ	DATE	VALUE RELEVÉ	DATE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE							
Snowfall/Hauteur de neige	— Centimetres (cm)																	
Wind speed/Vitesse du vent	— Kilometres per hour (km/h)																	
Station pressure/Pression à la station	— Kilopascals (kPa)																	
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		24.0	17	27.1	17	29.3	38.3	2	1983	21.7	1	1884	114					
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-3.3	26	-1.7	27 28	-2.5	2.8	20 27,28	1948 1968	-8.3	29	1899	114					
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		10.0		10.6		12.4	16.8		1948	8.0		1965	114					
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		28.5		55.4		53.0	149.6		1941	1.3		1948	114					
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		Tr.		6.6		0.2	18.3		1872	N11		(SEV)	114					
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		28.5		62.0		53.3	156.2		1872	1.3		1948	114					
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		12		11		11	17		1941 1953	3		1879 1948	114					
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		9.4	19	38.3	12		81.5	6	1972 1886				114 114					
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		Tr.	24	5.8	24		18.3	25	1872				114					
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		9.4	19	38.3	12		81.5	6	1886				114					
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:																		
5 MINUTES		1.4	27	2.0	12		11.2	20	1970				27					
10 MINUTES		2.0	27	4.4	12		20.8	20	1970				27					
15 MINUTES		2.0	27	4.9	12		29.0	20	1970				27					
30 MINUTES		2.0	27	7.1	12		37.9	20	1970				27					
60 MINUTES		2.7	19	11.5	12		41.1	20	1970				27					
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		12.7	19,20	39.4	12-13		81.5	6	1886				114					
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		16.0		14.3		18.5	24.6		1943	13.2		1925	65					
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		S 46	21	SSE44	6	55	N 72	23	1942				47					
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S 67	21	SW 69	22	79	S105	16	1946				41					
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		158.6		180.6		184.6	251.9		1940	113.0		1912	90					
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.69		98.71		98.51	98.87		1940	98.25		1970	47					
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.18	11	99.96	15	100.07	101.11	25	1940				47					
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.64	5	96.05	22	96.67				95.64	26	1959	47					
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX		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 DEGRES-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRES-JOURS DE CROISSANCE							
1976	34.5	-3.6	13.3	9.9		9.9	18.5	NW 54	227.5	159.8	251.3							
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 S 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	W 52 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							