



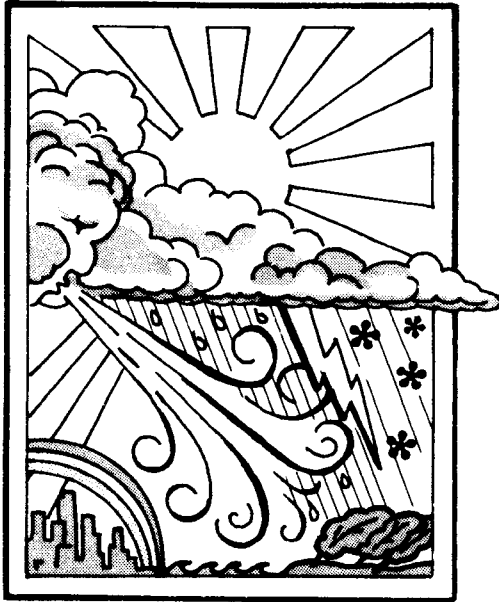
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atmosphérique

1985



ANNUAL
METEOROLOGICAL
SUMMARY

SOMMAIRE
MÉTÉOROLOGIQUE
ANNUEL

WINNIPEG

MANITOBA

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Canada

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG. YEAR/ANNÉE 1985

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE

NOTE: The following units are used throughout this summary –
 Temperature: Degrees and tenths Celsius (°C)
 Degree Day: Difference of Daily Mean Temperature from 18.0°C
 Rain: Millimetres and tenths (mm)
 Snow: Centimetres and tenths (cm)
 Total Precipitation: Millimetres and tenths (mm)
 Wind Speed: Kilometres per hour (km/h)
 Wind Direction: Direction (true north) from which the wind is blowing.
 Barometric Pressure: Kilopascals and hundredths (kPa)
 Sunshine: Hours and tenths of bright sunshine.

AVIS: Unités Utilisées –
 Température: Degrés et dixième Celsius (°C)
 Degré Jour: Différence entre la température moyenne du jour et 18.0°C
 Pluie: Millimètres et dixièmes (mm)
 Neige: Centimètres et dixièmes (cm)
 Précipitation Totale: Millimètres et dixièmes (mm)
 Vitesse du vent: Kilomètres par heure (km/h)
 Direction du vent: Direction (nord géographique) d'où le vent souffle.
 Pression Barométrique: Kilopascals et centièmes (kPa)
 Insolation: Nombre d'heures et dixièmes d'insolation effective

MONTH MOIS	TEMPERATURE / TEMPÉRATURE										DEGREE DAYS DEGRÉS JOURS			
	MEAN / MOYENNE			NORMAL / NORMALE			EXTREME / EXTRÊME				BELOW 18.0°C AU DESSOUS DE 18.0°C	NORMAL NORMALE		
	MAXIMUM	MINIMUM	MONTHLY MENSUELLES	MAXIMUM	MINIMUM	MEAN MOYENNE	MAXIMUM MAXIMALE	DATE	MINIMUM MINIMALE	DATE				
JAN/JAN	-12.6	-22.9	-17.8	-14.3	-24.2	-19.3	0.9	13	-37.0	19	1109.5	1154.7		
FEB/FÉV	-11.4	-22.3	-16.9	-10.1	-21.0	-15.6	5.4	28	-35.1	1	977.1	948.6		
MAR/MAR	1.8	-7.4	-2.8	-2.8	-13.5	-8.2	9.2	21	-21.4	5	643.9	811.3		
APR/AVR	13.9	-1.3	6.3	8.9	-2.2	3.4	31.6	28	-7.5	8	352.1	439.4		
MAY/MAI	20.6	5.6	13.1	18.0	4.5	11.3	31.3	8	-1.3	20	153.5	219.3		
JUN/JUIN	19.9	8.1	14.0	23.1	10.5	16.8	27.4	7	2.3	4	125.9	69.9		
JUL/JUIL	25.7	11.8	18.8	25.9	13.3	19.6	32.3	7	7.5	11	19.9	21.1		
AUG/AOÛT	21.5	11.0	16.3	24.7	11.8	18.3	30.0	8	4.2	29	79.1	43.3		
SEPT/SEP	15.0	5.0	10.0	18.4	6.3	12.4	24.0	17	-3.3	26	240.5	178.1		
OCT/OCT	10.3	-0.2	5.1	11.5	0.7	6.1	19.2	21	-7.8	10	401.6	369.6		
NOV/NOV	-7.5	-16.3	-11.9	-0.3	-8.8	-4.5	9.4	5	-34.0	30	897.3	676.0		
DEC/DÉC	-12.9	-22.5	-17.7	-9.4	-18.6	-14.0	2.6	22	-31.9	1	1107.0	991.8		
YEAR ANNÉE	7.0	-4.3	1.4	7.8	-3.4	2.2	32.3	JUL 7	-37.0	JAN 19	6107.4	5923.1		
MONTH MOIS	PRECIPITATION / PRÉCIPITATIONS													
	MONTHLY / MENSUELLES			NORMAL / NORMALE			EXTREME / EXTRÊME							
	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL	RAIN PLUIE	SNOW NEIGE	TOTAL	RAIN / PLUIE				SNOW / NEIGE			
							6 HRS	DATE	24 HRS	DATE	6 HRS	DATE	24 HRS	DATE
JAN/JAN	TR.	14.2	11.1	0.2	23.7	21.3	TR.	13	TR.	13	2.4	13	5.0	13
FEB/FÉV	0.0	16.6	13.5	0.7	18.9	17.5	0.0		0.0		5.2	25	6.4	9
MAR/MAR	4.0	2.8	6.8	3.3	21.1	22.7	1.8	26	2.7	26	2.0	6	2.2	6
APR/AVR	7.4	8.8	16.2	27.1	11.3	38.5	2.4	21	3.2	25	8.0	25	8.0	25
MAY/MAI	64.0	0.0	64.0	63.2	2.5	65.7	15.7	10	15.7	10	0.0		0.0	
JUN/JUIN	67.4	TR.	67.4	80.1	TR.	80.1	20.5	27	23.1	27	TR.	1	TR.	1
JUL/JUIL	34.0	0.0	34.0	75.9	0.0	75.9	17.8	16	17.8	16	0.0		0.0	
AUG/AOÛT	218.0	0.0	218.0	75.2	0.0	75.2	61.9	17	75.0	17	0.0		0.0	
SEPT/SEP	28.5	TR.	28.5	53.0	0.2	53.3	6.0	19	9.4	19	0.0		0.0	
OCT/OCT	12.5	14.2	29.2	25.9	5.2	30.9	5.6	23	5.6	23	6.8	8	10.0	8
NOV/NOV	6.0	44.5	43.8	5.5	21.9	25.2	4.4	1	5.4	1	9.4	19	16.5	19
DEC/DÉC	TR.	15.9	14.0	0.9	20.7	19.2	TR.	8	TR.	8	3.6	22	3.6	22
YEAR ANNÉE	441.8	117.0	546.5	411.0	125.5	525.5	61.9	AUG 17	75.0	AUG 17	9.4	NOV 19	16.5	NOV 19

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG.

YEAR/ANNÉE: 1985

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MAXIMUM TEMPERATURES 1985 (°C)												
DATE	JAN JAN	FEB FEV	MAR MAR	APR AVR	MAY MAI	JUN JUIN	JUL JUIL	AUG AOÛT	SEPT SEP	OCT OCT	NOV NOV	DEC DEC
1	-24.3	-25.8	0.7	8.4	23.5	11.2	22.6	28.3	18.8	12.4	6.8	-22.8
2	-14.0	-24.3	-9.6	11.6	22.1	14.1	26.3	27.4	16.0	10.6	8.0	-17.6
3	0.4	-26.5	-6.1	2.2	22.6	20.0	29.1	25.2	22.4	15.6	6.4	-11.0
4	-0.6	-22.5	-4.9	2.1	26.8	12.9	26.3	22.5	18.3	10.8	8.3	-9.8
5	-4.3	-16.8	-5.1	4.7	21.2	20.8	29.8	25.3	21.9	7.2	9.4	-18.8
6	-1.4	-17.4	-3.1	3.1	16.0	26.5	31.8	26.0	17.1	7.8	2.8	-9.7
7	-2.2	-19.4	0.1	1.8	21.1	27.4	32.3	23.4	13.5	5.0	-0.5	-8.4
8	-22.0	-12.5	-1.2	2.2	31.3	26.0	26.9	30.0	14.7	-0.6	-5.9	-7.0
9	-21.0	-9.5	4.2	14.0	24.6	18.5	24.0	20.1	12.4	-1.9	-6.6	-4.1
10	-16.9	-19.2	3.3	10.4	23.5	17.9	22.8	19.7	17.4	2.7	-8.1	-9.0
11	-10.9	-16.9	0.0	16.4	17.8	19.0	26.5	19.2	19.1	6.4	-3.6	-15.1
12	-4.2	-11.7	3.9	12.9	9.7	22.4	28.9	16.0	20.8	11.6	-4.3	-13.2
13	0.9	-11.3	2.0	15.3	15.5	24.3	27.0	16.7	13.2	12.8	-8.5	-21.5
14	-18.0	-16.9	-4.3	23.5	15.3	19.2	23.0	17.9	15.8	6.7	-4.9	-15.8
15	-12.0	-12.4	2.7	17.2	17.3	21.6	24.4	20.0	19.9	4.5	-0.9	-19.6
16	-10.3	-8.2	4.4	8.5	21.0	19.3	29.5	20.0	21.8	3.1	0.7	-21.1
17	-13.5	-12.6	4.9	16.9	26.0	15.9	25.0	13.8	24.0	8.1	-1.2	-21.0
18	-28.0	-12.5	6.2	19.7	28.6	21.0	25.0	13.4	15.9	15.5	-11.2	-21.0
19	-26.6	-3.8	0.6	27.0	13.2	23.7	27.4	17.6	10.5	16.2	-11.6	-16.2
20	-15.2	1.1	3.1	18.0	15.8	27.0	21.3	20.5	8.9	17.0	-12.1	-19.3
21	-7.2	-6.0	9.2	18.2	24.1	21.5	20.8	21.3	15.0	19.2	-13.1	2.2
22	-6.5	-1.4	7.2	17.2	24.9	12.3	24.9	23.3	15.0	16.1	-9.7	2.6
23	-7.3	-3.2	8.4	16.2	29.1	20.5	24.3	18.5	10.5	15.0	-13.3	-5.4
24	-8.6	0.6	8.4	16.3	19.0	19.6	20.4	24.0	6.8	13.6	-22.4	-22.0
25	-18.4	-3.3	4.7	6.7	16.7	21.3	23.4	24.2	10.8	17.7	-17.2	-10.0
26	-6.0	-13.8	3.8	8.8	17.3	19.3	25.6	25.6	14.1	10.2	-16.7	-4.0
27	-15.2	0.7	4.4	18.2	19.3	12.1	27.0	19.6	10.3	5.9	-24.3	-14.6
28	-9.9	5.4	-1.2	31.6	22.6	16.8	20.9	17.8	7.0	17.6	-20.8	-9.4
29	-10.6		1.4	29.3	17.7	19.7	25.1	20.8	8.5	11.8	-25.9	-11.2
30	-27.6		3.8	17.5	19.7	24.0	26.0	23.3	8.8	11.0	-23.7	-7.7
31	-29.3		5.0		16.4		28.6	24.7		8.3		-17.0
AVG.	-12.6	-11.4	1.8	13.9	20.6	19.9	25.7	21.5	15.0	10.3	-7.5	-12.9

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG.

YEAR/ANNÉE: 1985

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MEAN TEMPERATURES 1985 (°C)												
DATE	JAN JAN	FEB FEV	MAR MAR	APR AVR	MAY MAI	JUN JUN	JUL JUIL	AUG AOÛT	SEPT SEP	OCT OCT	NOV NOV	DEC DEC
1	-27.8	-30.5	-6.5	2.0	14.6	6.8	17.5	20.0	13.3	4.7	2.1	-27.4
2	-22.5	-27.9	-13.2	6.5	11.8	8.8	18.5	22.7	13.1	4.9	2.3	-22.7
3	-8.0	-29.7	-12.0	-1.1	15.6	11.2	22.5	21.7	16.8	7.8	2.0	-20.2
4	-3.5	-27.8	-10.0	-2.2	17.7	7.6	20.0	20.2	13.7	6.7	4.1	-15.1
5	-7.9	-20.9	-13.3	-0.7	13.1	12.2	22.1	21.3	14.6	5.1	5.6	-22.3
6	-4.6	-22.4	-7.2	-0.6	10.8	19.9	24.3	21.1	11.9	3.4	-1.5	-14.6
7	-13.2	-23.7	-7.6	-1.5	12.2	20.2	24.0	17.8	10.4	2.2	-5.3	-12.4
8	-25.9	-21.8	-7.2	-2.7	20.4	19.2	20.4	21.2	8.7	-3.5	-9.7	-9.0
9	-24.8	-16.5	0.4	4.0	18.3	13.3	18.6	13.8	7.6	-4.7	-10.4	-7.0
10	-21.1	-24.4	-0.6	4.0	14.8	10.6	17.8	12.9	8.9	-2.6	-13.1	-14.6
11	-15.0	-23.6	-4.2	6.2	13.6	13.1	17.0	16.1	10.6	2.3	-8.8	-19.1
12	-9.1	-21.5	-2.7	6.5	6.7	14.0	20.7	15.1	13.8	7.7	-9.3	-19.4
13	-8.7	-16.9	-2.1	5.8	9.0	15.8	19.9	13.7	11.9	7.9	-14.6	-24.4
14	-21.4	-22.5	-6.2	12.9	9.4	16.6	17.5	13.9	13.6	3.5	-10.0	-21.1
15	-15.6	-20.6	-2.4	7.7	12.7	17.2	17.3	13.3	17.5	-0.3	-6.4	-23.3
16	-15.5	-13.5	-0.3	1.5	12.9	14.8	20.5	12.9	18.1	-2.0	-3.3	-24.2
17	-21.6	-19.6	-0.5	9.9	16.3	11.4	17.9	11.1	16.8	4.6	-7.8	-23.4
18	-31.6	-17.3	3.4	10.4	16.6	14.6	19.3	10.6	11.0	7.6	-16.0	-23.8
19	-31.8	-9.6	-4.0	15.4	7.5	15.3	19.3	11.9	6.4	7.4	-12.8	-20.8
20	-21.7	-3.8	-3.4	12.3	7.3	18.9	15.6	13.2	5.4	11.1	-13.6	-24.7
21	-12.3	-8.7	3.7	9.7	13.0	16.4	14.6	14.9	8.4	12.1	-17.3	-9.4
22	-11.0	-5.1	3.0	8.7	16.2	9.7	17.1	19.1	10.3	13.9	-11.6	-3.6
23	-9.7	-6.7	4.3	8.2	17.6	12.5	19.5	16.3	5.8	10.3	-18.8	-16.3
24	-16.7	-4.4	3.8	6.6	13.4	12.3	14.7	17.8	3.9	8.8	-26.4	-24.7
25	-23.1	-10.5	2.8	3.3	12.6	17.2	16.8	18.4	4.5	8.0	-23.2	-16.5
26	-12.2	-16.6	2.0	2.9	10.0	13.9	16.6	18.9	5.4	5.0	-21.1	-10.6
27	-18.6	-9.3	1.2	9.3	10.3	10.3	20.6	13.8	6.4	2.0	-28.1	-18.1
28	-15.7	2.7	-3.2	17.6	15.3	13.1	15.3	12.4	4.7	10.4	-25.7	-12.4
29	-19.1		-2.5	17.4	13.0	15.4	16.4	12.5	2.9	4.7	-29.7	-14.7
30	-29.7		-0.9	7.9	13.2	18.3	19.4	16.9	3.2	2.9	-28.9	-12.6
31	-32.1		-0.5		11.3		19.6	19.1		4.5		-20.6
AVG.	-17.8	-16.9	-2.8	6.3	13.1	14.0	18.8	16.3	10.0	5.1	-11.9	-17.7

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG.

YEAR/ANNÉE: 1985

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY SNOWFALL 1985 (CM)												
DATE	JAN JAN	FEB FEV	MAR MAR	APR AVR	MAY MAI	JUN JUIN	JUL JUIL	AUG AOÛT	SEPT SEP	OCT OCT	NOV NOV	DEC DEC
1	TR.	TR.				TR.						TR.
2	TR.	0.2	TR.									TR.
3		TR.										1.4
4		TR.	TR.			TR.					TR.	1.0
5		TR.									TR.	TR.
6	2.0	TR.	2.2	0.8							0.4	TR.
7	TR.	TR.		TR.						3.8	1.1	TR.
8	TR.	0.2								1		TR.
9	TR.	6.4								TR.		TR.
10	0.2											TR.
11	TR.	TR.									9.0	0.8
12	TR.	1.0	0.2								0.6	0.2
13	5.0	1.0	TR.									TR.
14	TR.									0.4		0.6
15		0.6								TR.		
16	0.6	0.6		TR.						TR.		TR.
17	2.6	0.6									2.5	TR.
18	TR.	TR.									2.5	
19	TR.	TR.									16.5	1.7
20	0.2										1.1	TR.
21	0.2										TR.	TR.
22	TR.	0.2									3.4	3.6
23	0.2	TR.									0.4	1.6
24	2.0								TR.		TR.	
25	TR.	5.8		8.0							4.0	2.0
26	0.2	TR.	TR.								2.7	2.0
27	0.2		0.4								TR.	TR.
28	0.4										0.3	TR.
29	0.2										TR.	
30	TR.										TR.	1.0
31	0.2											
TOTAL	14.2	16.6	2.8	8.8		TR.			TR.	14.2	44.5	15.9

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SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG.

YEAR/ANNÉE: 1985

METEOROLOGICAL DATA FOR THE YEAR/DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE													
NUMBER OF DAYS WITH: NOMBRE DE JOURS AVEC:	JAN JAN	FEB FÉV	MAR MAR	APR AVR	MAY MAI	JUN JUIN	JUL JUIL	AUG AOÛT	SEPT SEP	OCT OCT	NOV NOV	DEC DÉC	YEAR ANNÉE
MEASURABLE RAIN PLUIE, MESURABLE	0	0	3	4	10	15	10	13	12	7	2	0	76
RAIN (Trace or More) PLUIE (Trace ou davantage)	1	0	4	7	15	17	16	19	20	11	3	3	116
MEASURABLE SNOW NEIGE, MESURABLE	14	10	3	2	0	0	0	0	0	3	13	11	56
SNOW (Trace or More) NEIGE (Trace ou davantage)	27	21	7	4	0	2	0	0	0	6	20	26	113
MEASURABLE PRECIPITATION PRÉCIPITATION, MESURABLE	14	10	6	5	10	15	10	13	12	9	15	11	130
PRECIPITATION (Trace or More) PRÉCIPITATION (Trace ou davantage)	27	21	9	10	15	17	16	19	20	15	21	26	216
THUNDERSTORMS ORAGES	0	0	0	1	4	4	9	7	2	1	0	0	28
HAIL GRÊLE	0	0	0	0	0	0	2	1	0	0	0	0	3
ICE PELLETS GRANULES DE GLACE	1	0	0	0	0	2	0	0	0	0	0	0	3
FREEZING PRECIPITATION PRÉCIPITATION VERGLACANTE	1	0	0	0	0	0	0	0	0	1	0	2	4
FOG* BROUILLARD*	0	4	1	0	1	0	2	1	0	0	0	0	9
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 30°C OR MORE/OU PLUS	0	0	0	1	0	0	2	1	0	0	0	0	4
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 0°C OR LESS/OU MOINS	29	24	23	0	0	0	0	0	0	2	23	29	130
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE 0°C OR LESS/OU MOINS	31	28	27	17	1	0	0	0	4	18	30	31	187
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE -15°C OR LESS/OU MOINS	26	22	5	0	0	0	0	0	0	0	14	28	95

*NOTE: Fog is only counted when the visibility is restricted to ½ mile or less
AVIS: On ne compte les phénomènes de brouillard que lorsque la visibilité est ½ mille ou moins