



METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE														
<b>NOTE:</b> 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.						<b>AVIS:</b> 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	-19.9	-30.4	-25.2	-14.3	-24.2	-19.3	-3.6	27	-38.9	20	1337.5	1154.7		
FEB/FÉV	-9.5	-19.5	-14.5	-10.1	-21.0	-15.6	6.0	21	-34.0	5	911.0	948.6		
MAR/MAR	-2.5	-12.0	-7.3	-2.8	-13.5	-8.2	8.2	28	-26.4	7	782.2	811.3		
APR/AVR	9.1	-3.7	2.7	8.9	-2.2	3.4	29.0	24	-19.1	4	458.8	439.4		
MAY/MAI	19.6	7.2	13.4	18.0	4.5	11.3	31.0	28	-4.6	8	155.8	219.3		
JUN/JUIN	20.6	6.5	13.6	23.1	10.5	16.8	27.1	23	-1.0	2	135.9	69.9		
JUL/JUIL	26.0	14.0	20.0	25.9	13.3	19.6	31.1	4	8.4	14	7.7	21.1		
AUG/AOÛT	23.0	10.6	16.8	24.7	11.8	18.3	29.5	14	0.7	27	74.3	43.3		
SEPT/SEP	18.6	5.7	12.2	18.4	6.3	12.4	34.5	9	-3.3	15	193.6	178.1		
OCT/OCT	10.4	1.9	6.2	11.5	0.7	6.1	18.2	25	-4.2	21	365.7	369.6		
NOV/NOV	-1.2	-10.3	-5.8	-0.3	-8.8	-4.5	12.3	1	-23.8	26	713.8	676.0		
DEC/DÉC	-5.3	-14.4	-9.9	-9.4	-18.6	-14.0	9.7	2	-25.6	30	862.7	991.8		
YEAR ANNÉE	7.4	-3.7	1.9	7.8	-3.4	2.2	34.5	SEPT 9	-38.9	JAN 20	5999.0	5923.1		
PRECIPITATION / PRÉCIPITATIONS														
MONTH MOIS	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	0.2	32.1	25.7	0.2	23.7	21.3	0.2	26	0.2	26	4.8	2	6.7	2
FEB/FÉV	0.4	8.2	7.8	0.7	18.9	17.5	0.2	14	0.2	14	3.2	28	3.8	28
MAR/MAR	25.2	9.4	35.8	3.3	21.1	22.7	7.0	12	14.2	30	2.0	12	3.2	12*
APR/AVR	4.4	8.9	13.3	27.1	11.3	38.5	2.4	15	2.6	15	2.6	2	5.6	2*
MAY/MAI	23.3	Tr.	23.3	63.2	2.5	65.7	7.0	15	7.6	15	Tr.	6	Tr.	6
JUN/JUIN	54.2	Tr.	54.2	80.1	Tr.	80.1	16.4	6	34.9	6*	Tr.	Tr.	Tr.	Tr.
JUL/JUIL	106.9	Tr.	106.9	75.9	0.0	75.9	27.6	28	34.6	28*	34.6	28*	Tr.	Tr.
AUG/AOÛT	59.0	Tr.	59.0	75.2	0.0	75.2	16.8	18	16.8	18	Tr.	Tr.	Tr.	Tr.
SEPT/SEP	58.2	Tr.	58.2	53.0	0.2	53.3	11.6	27	22.6	27*	Tr.	Tr.	Tr.	Tr.
OCT/OCT	61.4	0.8	62.0	25.9	5.2	30.9	14.6	6	22.0	10	0.4	16	0.6	16*
NOV/NOV	3.8	3.2	5.7	5.5	21.9	25.2	1.5	19	2.1	19*	1.2	4	1.2	4*
DEC/DÉC	22.2	12.2	31.7	0.9	20.7	19.2	11.2	20	21.8	2*	6.0	23	6.0	23*
YEAR ANNÉE	419.2	74.8	483.6	411.0	125.5	525.5	27.6	JUL 28	34.9	JUNE 6	6.0	DEC 23	6.7	JAN 2

\* Mar. 12-13 - 3.8 cm snow  
 Apr. 2-3 - 6.6 cm snow  
 June 6-7 - 36.1 mm precip. & rain  
 July 28-29 - 35.6 mm precip. & rain  
 Sept. 27-28 - 27.2 mm precip. & rain  
 Nov. 19-20 - 3.6 mm 24 hr. rain  
 Nov. 4-5 - 1.8 cm 24 hr. snow

\*Dec. 1-2 - 22.0 mm rain  
 Dec. 22-23 - 8.2 cm snow

ANNUAL METEOROLOGICAL SUMMARY  
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / AEROPORT INTERN. DE WPG. YEAR/ANNÉE: 1982

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MAXIMUM TEMPERATURES - 1982 (°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	-20.0	-16.0	-12.5	- 1.3	23.2	14.0	26.7	21.9	14.3	7.5	12.3	1.5
2	-15.5	-21.1	-15.5	- 1.6	28.2	18.1	23.0	25.0	19.9	9.0	3.5	9.7
3	-24.2	-23.8	- 8.9	- 9.6	27.6	25.5	25.2	29.0	25.8	15.3	-0.5	3.0
4	-16.3	-23.0	- 9.3	- 6.8	21.7	24.5	31.1	27.3	23.8	12.9	-2.1	2.3
5	-15.8	-23.4	- 5.6	-5.8	19.0	23.3	26.7	27.6	16.8	4.9	-2.6	-1.2
6	-26.1	-12.7	- 8.9	-2.8	13.4	16.3	24.6	27.2	14.7	5.5	2.0	-8.1
7	-22.5	-13.3	-12.4	1.5	8.2	13.5	21.4	26.0	24.1	7.4	1.7	-12.0
8	-24.5	-18.3	-13.9	3.0	9.2	10.8	24.3	19.8	29.6	9.8	2.9	-16.0
9	-28.5	-21.0	- 7.4	4.0	11.8	15.6	25.8	18.6	34.5	10.2	2.2	- 1.4
10	-22.2	-14.6	-5.7	-0.2	10.2	23.5	26.5	21.1	31.0	8.1	2.0	- 2.2
11	-23.1	-14.3	-1.6	7.8	17.8	18.1	28.0	24.3	23.0	6.9	1.3	-13.5
12	-21.3	-13.7	2.0	12.1	19.5	24.1	30.0	20.8	18.5	7.7	-9.5	- 4.5
13	-19.7	-12.0	-2.1	7.0	19.8	24.0	20.6	27.0	17.2	16.0	-5.3	- 8.1
14	-16.0	- 5.0	3.5	18.2	20.3	21.4	26.2	29.5	11.3	16.7	-5.3	-10.4
15	-16.1	-10.1	3.8	17.1	13.7	20.2	29.2	23.6	14.2	9.5	5.2	- 5.9
16	-28.4	1.0	3.5	8.2	14.8	24.3	29.1	26.5	20.0	5.7	5.3	- 1.7
17	-23.5	3.3	1.2	9.4	18.0	16.0	22.1	28.6	13.1	16.7	5.3	1.2
18	-17.2	1.1	-9.0	10.5	15.8	18.4	22.0	29.0	22.6	5.6	6.2	- 2.5
19	-18.7	5.0	0.0	7.2	16.5	14.5	24.6	25.8	13.0	1.8	6.6	- 4.8
20	-23.7	1.6	0.7	10.6	20.1	21.9	27.6	25.8	16.1	2.7	6.6	- 8.2
21	-23.3	6.0	4.2	11.7	22.2	20.6	23.6	23.6	22.7	8.5	-10.2	- 6.2
22	-18.5	- 0.2	1.8	23.1	24.3	22.9	23.4	23.1	24.8	10.2	-12.8	- 1.6
23	-21.2	-10.0	2.3	26.3	26.0	27.1	26.1	22.0	16.3	15.8	-13.9	- 1.0
24	-26.0	- 7.2	-2.3	29.0	23.3	19.7	28.0	18.1	15.2	17.8	- 7.1	- 5.6
25	-23.3	- 3.7	-5.0	8.9	27.7	22.5	25.4	14.0	17.0	18.2	-12.0	-10.7
26	- 5.5	-13.1	-2.2	12.7	27.0	26.2	27.7	15.8	16.3	18.0	-12.8	- 2.5
27	- 3.6	- 6.1	1.7	19.0	29.0	24.8	27.3	14.3	8.2	15.5	- 4.6	- 3.4
28	-16.4	- 2.3	8.2	20.1	31.0	21.5	28.0	19.4	14.8	10.2	- 1.4	-16.6
29	-13.2		5.8	14.8	22.3	20.4	23.8	18.9	11.5	7.6	- 1.4	-16.0
30	-24.0		4.8	19.2	14.6	24.0	26.1	17.4	8.0	8.7	1.3	-12.9
31	-18.0		2.4		11.8		30.5	23.2		13.2		- 3.5
AVG.	-19.9	-9.5	-2.5	9.1	19.6	20.6	26.0	23.0	18.6	10.4	- 1.2	- 5.3

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METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MEAN TEMPERATURES 1982 (°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	-24.9	-21.0	-15.4	- 5.8	13.3	8.1	18.6	16.2	10.9	2.7	4.8	0.9
2	-20.7	-26.7	-19.9	- 7.2	19.5	8.6	20.0	20.7	14.2	6.9	-0.5	5.4
3	-27.9	-28.1	-16.5	-12.6	21.1	14.9	20.9	22.4	15.5	8.9	-3.3	0.1
4	-20.3	-26.9	-13.6	-13.0	15.4	17.2	23.9	21.4	16.3	7.6	-3.8	-0.1
5	-21.8	-28.7	-12.2	-10.3	11.5	18.8	22.0	19.4	10.7	2.1	-4.4	-6.1
6	-28.9	-20.5	-16.7	- 8.4	6.4	13.5	19.3	22.5	9.3	4.5	-2.1	-12.8
7	-28.2	-18.1	-19.4	- 4.1	2.8	8.4	16.0	20.7	17.0	6.1	-1.7	-17.3
8	-30.2	-23.4	-19.6	- 0.5	2.3	6.0	17.4	14.6	23.3	8.0	-0.9	-20.7
9	-31.6	-25.6	-14.0	- 0.4	7.3	11.2	19.9	12.9	25.7	8.6	-2.5	- 8.8
10	-27.1	-19.1	-10.5	- 3.5	8.5	13.9	20.1	12.6	24.1	7.1	-2.3	-11.9
11	-25.5	-17.2	- 9.4	1.5	11.3	12.3	20.7	16.2	15.9	6.0	-4.2	-17.1
12	-26.0	-20.1	- 0.7	6.1	12.0	14.1	22.1	17.7	12.1	5.2	-12.5	-11.7
13	-23.8	-18.5	- 5.4	1.9	14.3	16.0	16.6	20.6	12.0	9.7	-10.2	- 9.9
14	-22.6	- 9.6	- 3.8	10.3	14.3	14.7	17.3	22.7	5.6	10.5	- 8.9	-12.3
15	-23.4	-14.7	2.4	11.4	11.5	12.1	24.6	18.9	5.5	4.5	- 2.2	-10.1
16	-31.6	- 4.9	1.8	2.9	12.7	17.0	22.4	18.8	10.9	1.9	- 1.2	- 7.4
17	-29.5	1.7	- 4.3	2.4	14.4	9.8	17.3	20.2	9.0	10.1	0.4	- 2.7
18	-24.9	- 1.8	-11.8	5.0	13.2	13.7	16.0	22.7	14.6	2.3	1.4	- 5.3
19	-27.3	0.5	- 5.9	1.4	11.8	11.7	19.8	19.3	7.1	-0.5	2.2	- 8.1
20	-31.3	- 1.8	- 5.5	2.3	12.1	15.4	21.8	19.2	8.1	-0.4	- 1.9	-11.4
21	-26.8	- 0.1	- 1.7	4.9	13.6	13.2	18.2	18.4	12.9	2.2	-12.7	- 7.9
22	-21.8	- 8.3	- 2.6	12.9	14.5	14.0	17.7	17.0	16.1	4.2	-15.5	- 5.1
23	-26.7	-14.0	- 0.3	16.5	18.1	20.2	22.1	15.2	11.4	8.8	-17.3	- 4.2
24	-30.8	-11.3	- 5.9	18.0	18.3	12.9	23.4	14.4	7.8	10.6	-13.1	-10.8
25	-27.6	-10.0	- 9.1	3.2	18.4	13.2	19.5	9.0	9.3	10.5	-16.5	-16.4
26	-16.3	-16.1	- 7.8	4.5	20.0	18.5	19.3	9.4	12.0	11.8	-18.3	- 8.0
27	-12.2	-14.0	- 3.8	9.4	20.5	17.0	21.3	7.5	6.4	11.4	-10.7	-11.8
28	-19.7	- 8.7	3.9	11.7	22.0	14.6	20.8	11.2	9.7	8.2	- 6.7	-19.2
29	-18.5		3.9	9.8	16.3	12.5	18.3	12.4	8.1	4.1	- 6.6	-20.8
30	-27.7		2.6	10.9	10.3	14.1	19.9	10.5	4.0	2.7	- 2.6	-19.3
31	-23.9		- 3.0		8.4		23.1	16.9		6.0		-13.9
AVG.	-25.2	-14.5	- 7.3	2.7	13.4	13.6	20.0	16.8	12.2	6.2	- 5.8	- 9.9

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for/pour WPG. INT'L AIRPORT / AEROPORT INTERN. DE WPG. YEAR/ANNÉE: 1982

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY SNOWFALL 1982 (CM'S)												
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	0.8	1.0										
2	6.7	Tr.		5.6							0.2	
3	0.2		0.2	1.9							Tr.	Tr.
4	4.2	Tr.	0.2								1.2	
5	5.8	Tr.	Tr.								0.6	Tr.
6		0.7	Tr.		Tr.							Tr.
7	0.4	0.4									Tr.	Tr.
8	0.2	0.4		Tr.								Tr.
9	0.4	Tr.	0.2	1.4								Tr.
10	Tr.		Tr.	Tr.								Tr.
11	Tr.										Tr.	
12	Tr.	Tr.	3.2								Tr.	
13	0.9	Tr.	0.6									0.7
14	0.8	0.9	Tr.								0.2	Tr.
15	0.4	0.2	Tr.									
16	0.2	0.2	Tr.							0.6		0.3
17		Tr.	2.6									
18	1.6	Tr.	Tr.							Tr.		Tr.
19	Tr.									0.2		Tr.
20	0.2										1.0	0.6
21	Tr.		0.2								Tr.	0.6
22	4.3	Tr.	Tr.								Tr.	2.6
23	0.5		0.2								Tr.	6.0
24			Tr.									
25	Tr.	Tr.										Tr.
26	1.1	0.6										
27	1.6		Tr.									0.6
28		3.8										0.2
29	1.8											Tr.
30			1.8								Tr.	0.6
31			0.2									Tr.
TOTAL	32.1	8.2	9.4	8.9	Tr.					0.8	3.2	12.2

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 JUIL	JUL JUIL	AUG AOÛT	SEPT SEP	OCT OCT	NOV NOV	DEC DEC	YEAR ANNÉE
MEASURABLE RAIN PLUIE, MESURABLE	1	2	4	5	11	13	10	13	9	14	2	3	87
RAIN (Trace or More) PLUIE (Trace ou davantage)	2	5	10	10	16	18	14	18	14	18	6	4	135
MEASURABLE SNOW NEIGE, MESURABLE	19	9	10	3	0	0	0	0	0	2	5	9	57
SNOW (Trace or More) NEIGE (Trace ou davantage)	25	19	20	5	1	0	0	0	0	3	13	21	107
MEASURABLE PRECIPITATION PRÉCIPITATION, MESURABLE	19	10	11	8	11	13	10	13	9	14	5	12	135
PRECIPITATION (Trace or More) PRÉCIPITATION (Trace ou davantage)	25	20	21	13	16	18	14	18	14	19	14	23	215
THUNDERSTORMS ORAGES	0	0	0	1	0	7	11	7	5	1	0	1	33
HAIL GRÊLE	0	0	0	0	0	0	0*	0*	1*	0	0	0	1
ICE PELLETS GRANULES DE GLACE	2	2	4	1	0	0	0	0	0	1	1	1	12
FREEZING PRECIPITATION PRÉCIPITATION VERGLACANTE	2	4	3	1	0	0	0	0	0	0	3	1	14
FOG* BROUILLARD*	1	6	1	2	1	0	0	2	1	1	2	5	22
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 30°C OR MORE/OU PLUS	0	0	0	0	1	0	3	0	2	0	0	0	6
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 0°C OR LESS/OU MOINS	31	22	17	7	0	0	0	0	0	0	15	26	118
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE 0°C OR LESS/OU MOINS	31	27	28	22	3	1	0	0	4	11	30	29	186
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE -15°C OR LESS/OU MOINS	31	21	11	2	0	0	0	0	0	0	9	14	88

\*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

SEVERE WEATHER

- July 13, 28, Aug. 28, Sept. 9 - Unofficial hail at Wpg. Sept. 18 - Official hail  
June 4 - Hail at Hodgson, Man.  
June 6 - Hail at Birtle  
July 5 - Hail at Sprague  
July 15 - Hail at Deloraine, Melita & Grandview, Man.  
July 16 - Baseball hail at Brandon, smaller hail elsewhere S. Man.  
July 28 - Russell, Gilbert Plains, Grandview, Roblin, Winnipegosis, Dauphin & St. Rose (Hail)  
Aug. 5 - Hail at Deerwood  
Aug. 15 - Hail at Gladestone & Rossburn  
Aug. 17 - Hail at Gilbert Plains & Dauphin  
Aug. 18 - Hail at McGregor Sept. 22 - Hail at Starbuck  
Aug. 14 - Tornado at Decker, Man.  
Aug. 15 - Tornado at Shamattawa, Man.
- Tornadoes  
July 5 - Obonga Lake in P.M.  
July 16 - Near Carberry, Emerson, Melita, St. Alphonse, Portage & Cypress River (Flooding near Swan River, power outages, crops damaged, poles & trees toppled).  
July 17 - At Sandilands Forest Reserve - 60% trees destroyed near Marchand.  
July 24 - no tornado but Emerson deluged with 93.6 precip. pumping stn. knocked out, crops flattened.