

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG. INT'L AIRPORT / A L'AEROPORT INTERN. DE WPG. YEAR/ANNÉE 1984

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE														
NOTE: The following units are used throughout this summary – Temperature: Degrees and tenths Celcius (°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	-10.9	-22.5	-16.7	-14.3	-24.2	-19.3	4.3	5	-33.1	20	1074.8	1154.7		
FEB/FÉV	-2.5	-11.0	-6.8	-10.1	-21.0	-15.6	5.4	21	-30.1	5	717.1	948.6		
MAR/MAR	-1.9	-12.2	-7.1	-2.8	-13.5	-8.2	10.3	25	-27.4	16	776.2	811.3		
APR/AVR	14.2	0.2	7.2	8.9	-2.2	3.4	23.5	20	-5.7	28	323.9	439.4		
MAY/MAI	17.5	2.7	10.1	18.0	4.5	11.3	33.8	31	-6.0	2	260.2	219.3		
JUN/JUIN	22.4	11.5	17.0	23.1	10.5	16.8	30.1	25	3.2	10	57.6	69.9		
JUL/JUIL	25.9	13.3	19.6	25.9	13.3	19.6	31.1	28	4.6	6	14.9	21.1		
AUG/AOÛT	28.2	13.7	21.0	24.7	11.8	18.3	36.5	26	5.9	31	19.5	43.3		
SEPT/SEP	16.4	4.8	10.6	18.4	6.3	12.4	27.1	17	-1.7	27	223.8	178.1		
OCT/OCT	11.1	1.6	6.4	11.5	0.7	6.1	23.3	5	-14.3	30	362.2	369.6		
NOV/NOV	-0.9	-8.8	-4.9	-0.3	-8.8	-4.5	7.9	25	-20.5	19	686.2	676.0		
DEC/DÉC	-12.7	-22.5	-17.6	-9.4	-18.6	-14.0	3.4	7	-34.5	31	1102.8	991.8		
YEAR ANNÉE	8.9	-2.4	3.3	7.8	-3.4	2.2	36.5	AUG 26	-34.5	DEC 31	5619.2	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.	16.2	12.2	0.2	23.7	21.3	Tr.	2	Tr.	2	2.6	4	4.0	27
FEB/FÉV	4.0	4.8	8.0	0.7	18.9	17.5	2.2	15	4.0	15	2.0	13	2.0	13
MAR/MAR	2.6	12.0	11.7	3.3	21.1	22.7	1.2	26	2.0	26	5.0	14	8.2	14
APR/AVR	42.9	4.8	46.9	27.1	11.3	38.5	7.5	26	16.8	27	3.8	28	4.4	28
MAY/MAI	29.8	Tr.	29.8	63.2	2.5	65.7	7.4	20	12.4	20	Tr.		Tr.	1*
JUN/JUIN	227.9		227.9	80.1	Tr.	80.1	60.1	16	69.8	21		1*		
JUL/JUIL	38.3		38.3	75.9	0.0	75.9	17.0	13	17.5	13				
AUG/AOÛT	21.6		21.6	75.2	0.0	75.2	6.2	20	10.6	20				
SEPT/SEP	55.4	6.6	62.0	53.0	0.2	53.3	38.0	12	38.8	12	5.8	24	5.8	24
OCT/OCT	86.4	13.0	99.0	25.9	5.2	30.9	14.2	15	37.0	15	3.0	21	4.6	27
NOV/NOV	17.6	10.2	26.6	5.5	21.9	25.2	5.2	26	11.0	26	3.4	27	5.0	27
DEC/DÉC		25.6	22.3	0.9	20.7	19.2	0.0				3.6	16	7.4	28
YEAR ANNÉE	526.5	93.2	606.3	411.0	125.5	525.5	60.1	JUN 16	69.8	JUN 21	5.8	SEP 24	8.2	MAR 14

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DAILY MAXIMUM TEMPERATURES 1984 (°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	-9.1	-1.2	-4.9	11.2	9.4	19.6	23.4	29.2	17.6	19.2	-11.2	-12.6
2	1.4	-2.6	-3.0	14.0	11.4	23.5	26.5	31.3	17.0	20.4	-4.3	-20.6
3	3.3	-1.0	-2.7	14.2	14.8	25.2	24.2	31.0	16.8	17.3	4.4	-14.0
4	-3.6	-11.0	-2.0	15.0	15.0	19.8	22.3	31.0	19.8	14.0	-3.5	-7.8
5	4.3	-20.2	-13.6	17.4	17.0	15.8	18.5	31.5	22.3	23.3	-4.2	-11.2
6	-1.8	-13.9	-15.5	17.3	13.2	17.6	20.8	29.5	27.0	19.3	1.0	-5.3
7	-5.2	-9.3	-11.1	17.2	7.2	25.5	21.5	27.0	22.0	15.8	5.3	3.4
8	-9.3	-3.2	-11.1	13.0	13.5	18.2	25.7	26.1	15.2	20.8	2.4	2.0
9	-9.4	2.5	-6.8	15.1	14.9	12.5	28.0	23.4	14.6	22.5	-1.9	1.5
10	-20.5	-2.4	-6.1	12.3	17.8	18.2	27.5	21.8	14.2	19.1	-3.5	0.6
11	-21.5	-1.8	-12.5	8.0	10.2	21.9	28.9	30.2	16.7	20.7	-0.1	-0.6
12	-18.6	-0.9	-8.2	14.2	13.7	16.0	30.0	30.0	13.2	23.1	2.0	-22.1
13	-15.3	0.0	-7.1	18.5	17.9	19.9	27.4	34.7	15.4	22.5	4.9	-11.9
14	-17.8	2.0	-7.8	14.0	20.0	20.8	23.9	31.5	14.6	16.5	3.6	-4.7
15	-10.0	1.8	-14.7	14.9	23.0	20.4	24.7	23.9	17.9	15.4	1.0	-2.0
16	-15.6	1.2	-7.3	16.6	30.1	26.6	22.4	30.6	22.5	10.1	-8.0	-3.1
17	-24.0	0.0	-3.2	15.4	25.5	26.6	24.2	28.3	27.1	5.3	-11.5	-20.8
18	-24.1	-1.6	-1.6	20.5	17.6	22.4	30.2	29.3	23.0	7.4	-10.2	-20.8
19	-25.2	3.4	1.0	22.5	12.0	23.8	25.5	32.5	22.5	5.9	-7.6	-8.8
20	-19.6	1.2	1.0	23.5	14.5	25.7	27.0	24.9	20.1	5.0	-1.0	-8.0
21	-15.2	5.4	4.2	21.9	20.8	26.2	28.8	21.1	16.9	1.8	0.0	-8.0
22	-8.4	3.6	2.3	21.7	15.3	26.2	25.2	20.9	20.1	5.1	3.7	-24.4
23	-5.5	0.0	10.0	21.1	17.3	21.2	24.9	25.2	7.0	5.9	5.6	-26.2
24	0.4	-6.2	10.1	13.8	12.6	23.2	26.3	28.6	4.4	2.3	5.0	-21.3
25	-13.9	-4.0	10.3	16.0	11.3	30.1	28.0	33.5	5.8	4.5	7.9	-25.2
26	-9.4	-1.6	5.2	5.9	18.0	22.5	26.7	36.5	9.0	10.4	5.7	-15.6
27	-10.3	-2.7	8.9	2.0	17.8	24.2	28.7	36.0	7.0	4.7	1.4	-12.2
28	-10.8	-4.5	7.4	-1.0	21.4	25.0	31.1	32.7	12.2	-4.4	-5.0	-20.0
29	-11.8	-4.3	4.8	3.2	24.7	25.6	27.0	24.8	15.8	-3.2	-4.6	-24.1
30	-8.4		7.1	6.4	31.5	27.3	25.8	20.0	13.7	-7.2	-5.7	-26.1
31	-1.4		8.9		33.8		27.6	18.4		0.0		-22.7
AVG	-10.9	-2.5	-1.9	14.2	17.5	22.4	25.9	28.2	16.4	11.1	-0.9	-12.7

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DAILY MEAN TEMPERATURES 1984 (°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	-13.1	-5.8	-10.4	3.1	2.5	14.6	18.0	23.2	10.8	9.0	-13.7	-18.9
2	-7.7	-6.6	-9.7	5.5	2.7	16.4	21.5	22.3	13.0	12.0	-11.4	-23.5
3	-1.5	-9.5	-6.0	6.8	4.8	17.6	18.6	23.8	11.0	8.4	-0.2	-18.3
4	-8.4	-18.4	-8.0	7.8	5.4	12.3	16.9	24.0	12.2	9.5	-6.9	-12.8
5	-1.6	-25.2	-18.7	8.3	5.9	14.0	13.3	24.5	13.6	13.9	-7.2	-17.7
6	-5.6	-18.3	-20.7	9.5	5.6	16.1	12.7	22.8	19.8	14.8	-4.0	-14.3
7	-15.1	-15.6	-15.7	10.9	2.7	19.8	15.6	21.0	17.6	11.1	0.2	-1.2
8	-17.1	-8.3	-18.4	9.4	4.9	14.6	19.4	20.7	12.6	12.0	-2.5	-1.6
9	-18.5	-4.2	-13.7	10.7	5.4	10.1	20.4	18.6	11.1	15.3	-5.9	-2.3
10	-25.4	-6.9	-15.0	9.3	11.2	10.7	20.4	18.0	9.7	13.7	-9.1	-3.6
11	-26.2	-2.8	-19.8	6.9	4.4	15.1	21.9	22.0	9.5	17.6	-4.8	-11.8
12	-24.6	-2.9	-14.2	7.2	5.0	12.9	22.0	23.6	11.6	19.5	-0.7	-24.5
13	-18.0	-2.0	-12.3	8.1	11.8	13.7	21.3	27.0	10.4	17.4	1.8	-17.5
14	-22.9	0.5	-12.1	6.4	10.4	13.1	19.2	24.0	8.6	12.9	2.3	-10.2
15	-15.5	-0.3	-18.8	6.0	14.6	15.4	19.5	18.1	11.0	11.5	-6.5	-3.6
16	-21.7	0.2	-17.4	6.0	22.1	21.2	17.6	22.2	13.3	6.8	-12.3	-12.4
17	-27.0	-1.2	-6.7	6.2	20.6	21.1	17.0	21.1	18.5	2.7	-15.6	-23.9
18	-27.5	-5.3	-5.6	8.6	13.3	18.0	21.6	19.7	16.9	2.9	-14.2	-24.8
19	-29.1	-5.0	-1.9	10.4	9.3	18.3	18.0	23.5	16.1	4.6	-14.1	-15.8
20	-26.4	-4.0	-0.2	12.9	10.4	18.6	18.4	20.6	12.4	2.6	-6.9	-15.0
21	-19.6	1.4	0.7	11.9	15.3	21.7	24.7	16.4	13.2	1.0	-1.7	-16.4
22	-16.1	1.3	-0.9	10.7	10.3	20.9	20.6	14.0	10.9	2.3	-0.5	-26.5
23	-9.5	-3.3	4.1	13.5	10.7	16.7	18.9	15.8	4.0	2.6	1.3	-28.1
24	-9.0	-10.1	4.0	10.0	7.6	17.1	18.3	22.0	2.0	-1.4	1.4	-25.2
25	-18.0	-11.3	4.2	9.5	6.7	21.7	20.3	25.2	2.6	-0.2	5.0	-28.5
26	-17.3	-7.5	4.0	3.2	9.8	18.5	18.8	26.6	4.1	7.0	3.5	-22.4
27	-17.8	-5.8	5.1	-0.4	8.0	18.1	21.0	24.8	2.7	0.1	-1.8	-16.7
28	-15.3	-8.6	2.8	-3.4	12.6	19.6	23.5	23.4	5.3	-7.3	-5.7	-23.3
29	-16.5	-9.6	0.5	-1.0	14.5	19.4	22.5	15.9	7.9	-7.7	-6.6	-26.5
30	-16.2		0.7	2.1	22.3	21.3	22.9	14.2	6.1	-10.8	-9.4	-28.9
31	-8.6		1.9		24.1		22.7	12.2		-6.5		-28.6
AV	-16.7	-6.8	-7.1	7.2	10.1	17.0	19.6	21.0	10.6	6.4	-4.9	-17.6

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

DAILY SNOWFALL 1984 (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.							0.2
2		Tr.									Tr.	Tr.
3		0.4	0.8								Tr.	Tr.
4	2.6	1.4	1.4								Tr.	0.2
5	0.2										Tr.	0.6
6	Tr.											
7	0.2				Tr.							
8	0.2	Tr.									Tr.	
9	Tr.	Tr.									Tr.	Tr.
10	Tr.		1.0								Tr.	
11	Tr.											2.6
12		Tr.	0.4								Tr.	
13	0.4	2.0	Tr.									Tr.
14	Tr.		8.2									
15	1.6	0.8	Tr.								2.6	
16	Tr.	Tr.										5.8
17	Tr.	0.2	0.2							0.4		2.9
18	0.2										Tr.	Tr.
19	0.2											2.0
20	0.2		Tr.							2.0		Tr.
21	Tr.									4.4		1.0
22	1.6									Tr.	Tr.	
23	Tr.	Tr.							Tr.			
24	0.8	Tr.							5.8	0.6		
25									0.8			
26	1.2		Tr.	Tr.								0.4
27	4.0	Tr.		0.4					Tr.	4.6	5.0	1.7
28	0.4	Tr.		4.4						Tr.	1.0	7.4
29	2.2									0.2	1.0	0.4
30	0.2				Tr.					Tr.	0.6	
31										0.8		0.4
TOTAL	16.2	4.8	12.0	4.8	Tr.				6.6	13.0	10.2	25.6

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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 DÉC	YEAR ANNÉE
MEASURABLE RAIN PLUIE, MESURABLE	0	1	3	7	8	14	14	6	10	15	8	0	86
RAIN (Trace or More) PLUIE (Trace ou davantage)	3	5	6	9	15	17	21	12	16	17	11	0	132
MEASURABLE SNOW NEIGE, MESURABLE	16	5	6	2	0	0	0	0	2	7	5	13	56
SNOW (Trace or More) NEIGE (Trace ou davantage)	26	15	10	4	2	0	0	0	4	10	15	19	105
MEASURABLE PRECIPITATION PRÉCIPITATION, MESURABLE	12	5	7	8	8	14	14	6	11	16	11	12	124
PRECIPITATION (Trace or More) PRÉCIPITATION (Trace ou davantage)	27	16	12	11	16	17	21	12	17	22	20	19	210
THUNDERSTORMS ORAGES	0	0	0	1	1	10	10	5	2	1	0	0	30
HAIL GRÊLE	0	0	0	0	0	2	0	0	1	0	0	0	3
ICE PELLETS GRANULES DE GLACE	0	1	0	2	0	0	0	0	0	0	3	1	7
FREEZING PRECIPITATION PRÉCIPITATION VERGLACANTE	2	5	4	1	0	0	0	0	0	0	4	0	16
FOG* BROUILLARD*	1	5	3	0	0	1	4	1	1	0	2	1	19
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 30°C OR MORE/OU PLUS	0	0	0	0	3	1	3	14	0	0	0	0	21
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 0°C OR LESS/OU MOINS	27	21	18	1	0	0	0	0	0	4	16	27	114
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE 0°C OR LESS/OU MOINS	31	29	29	16	12	0	0	0	7	12	27	31	194
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE -15°C OR LESS/OU MOINS	26	6	14	0	0	0	0	0	0	0	6	26	78

*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

NOTE: Public report of hail on June 6, July 16, 25 and 26.