

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

for/pour WPG INT'L AIRPORT / AEROPORT INTERN. DE WPG YEAR/ANNÉE: 1981

MONTHLY AND ANNUAL EXTREMES OF RECORD / EXTRÊMES MENSUELLES ET ANNUELLES AUX REGISTRES														
MONTH MOIS	TEMPERATURE / TEMPÉRATURE							PRECIPITATION / PRÉCIPITATIONS						
	ABSOLUTE MAXIMUM ABSOLU	YEAR ANNÉE	ABSOLUTE MINIMUM ABSOLU	YEAR ANNÉE	HIGHEST MONTHLY MEAN MOYENNE MAXIMALE	YEAR ANNÉE	LOWEST MONTHLY MEAN MOYENNE MINIMALE	YEAR ANNÉE	GREATEST MONTHLY PRECIPITATION MENSUELLE MAXIMALE	YEAR ANNÉE	LEAST MONTHLY PRECIPITATION MENSUELLE MINIMALE	YEAR ANNÉE	GREATEST MONTHLY SNOWFALL NEIGE MENSUELLE MAXIMALE	YEAR ANNÉE
JAN/JAN	7.8	1942	-44.4	1877	-10.6	1944	-26.9	1875	85.3	1916	2.5	1973	85.3	1916
FEB/FÉV	11.7	1958	-45.0	1966	-5.1	1878	-26.1	1875	89.9	1881	2.5	1903	89.9	1881
MAR/MAR	23.3	1946	-38.9	1880*	1.6	1878	-16.1	1899	76.2	1904	1.5	1939	76.2	1904
APR/AVR	34.3	1980	-27.8	1932	9.4	1915	-2.8	1893	143.3	1896	Tr.	1980	44.5	1872
MAY/MAI	37.8	1934	-11.7	1907	17.8	1977	4.4	1907	177.7	1977	0.8	1917	32.5	1931
JUN/JUIN	38.3	1900	-6.1	1888	20.3	1910	12.3	1969	255.8	1901	3.3	1961	1.3	1875
JUL/JUIL	42.2	1936	1.1	1972	24.2	1936	15.4	1884	197.4	1953	13.5	1875		
AUG/AOÛT	40.6	1949	-1.1	1910*	21.6	1961	14.4	1977	180.6	1876	3.3	1915		
SEPT/SEP	37.2	1929*	-8.3	1899	16.8	1948	8.0	1965	156.2	1872	1.3	1948	18.3	1872
OCT/OCT	30.0	1922	-20.6	1936	12.8	1963	0.3	1887	144.0	1949*	2.5	1976	38.6	1919
NOV/NOV	23.9	1975	-36.7	1875	1.3	1923*	-13.9	1896	90.2	1955	0.8	1976	80.3	1955
DEC/DÉC	11.7	1939	-47.8	1879	-3.4	1877	-25.9	1879	101.3	1909	2.5	1892	101.3	1909
YEAR ANNÉE	42.2	1936	-47.8	1879	5.3	1931	- 1.7	1883	723.4	1962	320.8	1961	266.1	1909

PERIOD OF RECORD/PÉRIOD DE REGISTRE: * Other Years

(Mean values based on standard period 1941-1970)

NOTE: September - max also in 1906
August - min. also in 1891 and 1888
March - min. also in 1873
October - greatest precipitation also in 1898
* November max mean also in 1899

(Extremes from complete station record 1872-1979)

Coldest month: January 1875 (Average: -26.9°C)
Coldest (2) months: January, February 1875 (Average: -26.5°C)
Coldest winter: November to the end of February 1874-1875
(Average: -19.7°C)
December to the end of February 1874-1875
(Average: -22.9°C) Also 1886-1887
(Average: -22.9°C)
Coldest day: December 24, 1879 (-47.8°C)

Warmest month: July 1936 (Average: 24.2°C)
Warmest (2) months: July, August 1936 (Average: 21.7°C)
Warmest summer: June to the end of August 1961 (Average: 20.4°C)
June to the end of September 1963 (Average: 18.8°C)
Warmest day: July 11, 1936 (42.2°C)

Snowfall:

Greatest 24 hour: 38.1 cm - March 4, 1935
Greatest monthly snowfall: December 1909 - 101.3 cm
Greatest season: 1955-1956 - 252.7 cm
Least season: 1877-1878 - 31.2 cm

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY PRECIPITATION - 1981 (mm)												
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	Tr.	Tr.	Tr.	Tr.	Tr.		0.4			Tr.		0.2
2	2.0	Tr.		Tr.	Tr.		0.4	2.0				Tr.
3			0.7	Tr.				0.2		13.4		Tr.
4	Tr.	Tr.	Tr.			8.8				2.2		0.2
5	0.2	0.4	Tr.			Tr.		56.6	13.6	Tr.	0.2	
6	0.2	1.3		Tr.				10.0	23.0			
7		1.6	Tr.			Tr.		Tr.				0.6
8	Tr.	Tr.		Tr.	Tr.	4.8	0.2			0.2		0.2
9		Tr.	Tr.					0.2		2.8		Tr.
10	Tr.	Tr.	Tr.			0.2			Tr.		Tr.	1.3
11	Tr.	Tr.			Tr.		8.7					
12			Tr.	0.3		Tr.	Tr.			21.8	Tr.	
13	0.3	Tr.				11.3					Tr.	0.2
14	0.2	Tr.				3.1	0.6		2.0			Tr.
15	Tr.	Tr.			Tr.	11.6	12.1		0.2	Tr.	3.4	Tr.
16	Tr.					0.2	Tr.				Tr.	Tr.
17		Tr.		Tr.		5.0		21.9		4.5	Tr.	Tr.
18				0.4		5.6		Tr.		Tr.	Tr.	Tr.
19		Tr.	Tr.			Tr.	0.2			0.4	Tr.	Tr.
20		Tr.		Tr.					0.4	Tr.	Tr.	0.5
21				9.2		3.7			0.6	Tr.		Tr.
22				Tr.	25.8	Tr.			Tr.	Tr.	Tr.	1.7
23					13.6	6.9	2.0	Tr.	Tr.	0.2	Tr.	0.8
24		Tr.	Tr.		3.0	3.0	Tr.	0.2		1.8	0.2	0.2
25	17.2	Tr.	12.5	1.0	0.2				4.0	Tr.	Tr.	Tr.
26	0.9								14.2	0.4	1.9	Tr.
27	Tr.	Tr.	0.2			7.0	2.2		1.2	1.2	Tr.	1.2
28	Tr.	Tr.	0.6		3.8	3.2			0.4	0.5	Tr.	Tr.
29	Tr.			Tr.	1.2	7.4	4.0			Tr.		Tr.
30	0.3			1.8		8.6	8.2		12.9	10.2	0.2	Tr.
31	1.9		0.6					12.5		Tr.		0.2
Total	23.2	3.3	14.6	12.7	47.6	90.4	39.0	103.6	72.5	59.6	5.9	7.3

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for/pour WPG INT'L AIRPORT / AEROPORT INTERNAT. DE WPG YEAR/ANNÉE: 1981

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY RAINFALL - 1981 MMS												
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.		0.4			Tr.		Tr.
2				Tr.	Tr.		0.4	2.0				
3				Tr.				0.2		13.4		Tr.
4						8.8				2.2		
5	0.2					Tr.		56.6	13.6	Tr.	0.2	
6				Tr.				10.0	23.0			
7			Tr.			Tr.		Tr.				
8				Tr.	Tr.	4.8	0.2			0.2		
9								0.2		2.8		
10						0.2			Tr.			
11					Tr.		8.7					
12				0.3		Tr.	Tr.			21.8	Tr.	
13						11.3					Tr.	
14	Tr.					3.1	0.6		2.0			
15		Tr.			Tr.	11.6	12.1		0.2	Tr.	3.4	
16						0.2	Tr.				Tr.	
17		Tr.				5.0		21.9		4.5		
18				Tr.		5.6		Tr.				
19		Tr.				Tr.	0.2			0.4		
20		Tr.				Tr.			0.4			0.5
21				9.2		3.7			0.6			Tr.
22				Tr.	25.8	Tr.			Tr.			
23					13.6	6.9	2.0	Tr.	Tr.		Tr.	
24			Tr.		3.0	3.0	Tr.	0.2				
25	0.2		4.4	1.0	0.2				4.0			
26									14.2	0.4		
27			0.2			7.0	2.2		1.2	1.2		
28			0.6		3.8	3.2			Tr.	0.5		
29				Tr.	1.2	7.4	4.0			Tr.		
30				1.8		8.6	8.2		12.9	10.2		
31	Tr.		0.6					12.5		Tr.		
Total	0.4	Tr.	5.8	12.3	47.6	90.4	39.0	103.6	72.1	57.6	3.6	0.5

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YEAR/ANNÉE: 1981

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MINIMUM TEMPERATURES - 1981 (°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	-22.0	-25.1	-12.9	-1.8	-1.8	8.8	17.8	9.0	3.8	1.2	0.0	-6.0
2	-30.0	-24.2	-16.3	1.3	6.8	4.8	16.7	15.2	10.2	2.8	-2.0	-9.2
3	-31.8	-23.3	-12.7	-1.8	1.2	5.6	13.1	13.2	3.8	6.9	3.8	-4.4
4	-28.7	-22.7	-14.8	-5.5	-1.7	10.5	16.0	12.0	3.8	7.3	4.8	-12.5
5	-16.2	-9.2	-16.4	-6.2	-4.3	10.5	17.7	17.2	12.2	1.3	-1.5	-15.1
6	-26.6	-18.5	-16.8	1.8	-4.4	9.3	17.1	15.4	10.8	-0.5	-3.7	-4.7
7	-26.7	-21.6	-8.0	1.9	2.1	11.5	22.2	12.3	9.0	2.1	-3.1	-6.7
8	-24.1	-27.9	-5.9	-1.6	-6.1	9.8	14.7	11.3	9.0	8.9	-9.6	-13.0
9	-28.5	-32.4	-4.1	-2.9	-8.5	5.7	12.8	9.6	13.0	8.8	-8.2	-15.9
10	-26.7	-35.8	-5.0	-7.2	-4.3	6.6	14.0	11.0	10.8	6.5	-4.2	-11.9
11	-24.3	-37.0	-2.1	-7.7	5.5	8.0	14.9	16.0	12.3	9.8	-4.7	-5.0
12	-12.3	-29.8	-5.8	-3.7	-0.1	8.6	16.1	13.0	10.2	9.4	-0.4	-12.6
13	-14.7	-20.2	-8.2	-11.1	-0.1	14.0	15.9	14.4	8.1	4.3	2.9	-12.7
14	-19.3	-16.9	-1.4	-12.8	3.3	13.8	14.6	11.5	6.9	4.4	-2.8	-20.8
15	-21.8	-3.9	-4.8	-0.6	4.5	7.1	17.4	7.8	4.5	3.5	2.0	-23.3
16	-22.5	-6.3	-5.2	5.6	1.7	4.7	14.9	8.0	6.8	3.6	-0.9	-23.7
17	-7.4	-1.7	-11.1	-5.1	1.7	10.9	12.0	10.5	3.6	1.4	-2.0	-21.7
18	-13.8	-2.6	-10.7	-5.8	5.3	8.2	14.8	13.7	7.8	-2.2	-4.5	-22.5
19	-15.1	-0.5	-6.4	-6.4	8.8	6.5	15.2	15.7	4.1	0.4	-7.2	-21.2
20	-16.5	-0.4	-9.1	-9.3	6.1	8.6	9.4	16.7	4.1	-6.3	-10.7	-14.0
21	-11.2	-1.0	-6.4	5.7	11.9	5.8	7.0	18.6	8.9	-7.3	-9.8	-7.1
22	-10.1	-5.0	-6.5	1.5	7.5	10.8	11.8	14.8	7.8	-8.8	-4.5	-13.0
23	-6.4	-5.6	-5.8	-4.0	6.4	10.7	13.5	19.0	7.2	-10.4	-4.4	-19.2
24	-9.0	-6.6	-3.2	-5.4	8.6	12.4	8.3	19.0	1.9	-9.3	-2.2	-14.1
25	-7.7	-10.4	0.0	2.3	8.6	10.3	5.6	17.9	5.8	-13.4	-2.3	-24.6
26	-23.8	-7.5	-1.0	-2.8	4.6	9.9	6.4	15.2	3.3	-5.8	-4.8	-21.7
27	-22.8	-6.4	-0.1	4.4	8.2	17.1	9.7	12.3	-1.5	-4.5	-7.3	-27.5
28	-24.0	-9.9	1.7	-1.7	10.7	14.0	12.3	13.0	-2.7	0.7	-5.9	-29.4
29	-28.0		-1.8	0.8	3.1	10.5	13.1	12.9	2.0	5.3	-4.2	-25.7
30	-21.1		-0.8	-0.3	0.0	13.2	16.3	16.2	1.4	4.4	-7.5	-31.2
31	-17.1		-0.3		6.2		14.5	8.5		4.3		-31.3
AVG	-19.7	-14.7	-6.5	-2.6	3.0	9.6	13.7	13.6	6.3	0.9	-3.5	-16.8

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for/pour

YEAR/ANNÉE: 1981

METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
MONTH MOIS	SUNSHINE / INSOLATION				WIND / VENT							
	DURATION IN HOURS DUREE (NOMBRE D'HEURES)	PERCENTAGE OF POSSIBLE POURCENTAGE DU TOTAL POSSIBLE	NO. OF DAYS WITHOUT SUNSHINE NOMBRE DE JOURS SANS SOLEIL	NORMAL NORMALE	AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	NORMAL MORMALE		MAX FOR 1 MIN MAX POUR 1 MIN		HIGHEST GUST RAFALE MAXIMUM	
							SPEED VITESSE	DIRECTION	DIRECTION AND SPEED DIRECTION ET VITESSE	DATE	DIRECTION AND SPEED DIRECTION ET VITESSE	DATE
JAN/JAN	139.6	52.2	4	112.5	15.4	N	19.5	NW	S44	4	N65	25
FEB/FÉV	138.9	49.3	6	139.4	15.9	NW	18.8	S	SSE56	14	S80	14
MAR/MAR	201.2	54.7	3	170.4	15.5	N	19.6	S	N43	25	NNW57/N57*	11/25
APR/AVR	216.0	52.3	3	208.5	19.7	S	21.7	S	W54	7	NNW91	17
MAY/MAI	294.4	61.7	3	246.4	18.7	S*	21.1	NNE	NNE63	8	NNE78	8
JUN/JUIN	273.5	56.0	1	258.9	16.5	S*	18.5	S	NW NNW56	18	W100	17
JUL/JUIL	332.4	67.5	0	310.8	15.2	S	16.3	S	S52	2,6	W76	30
AUG/AOÛT	288.0	64.2	1	276.2	13.4	S	17.1	S	N46	31	ENE85	17
SEPT/SEP	210.6	55.5	4	182.6	17.3	S	18.8	S	NW63	27	NW96	26
OCT/OCT	114.6	34.3	7	158.4	21.9	SSE	20.3	S	SSE61	26	S87/SSE87	11/26
NOV/NOV	112.4	41.2	11	81.2	17.7	S	20.3	S	NW54	7	NW80	7
DEC/DÉC	111.6	44.1	4	86.2	14.2	S	19.5	S	S48	11	S74	20
YEAR ANNÉE	2433.2	54.4	47	2231.5	16.8	S	19.3	S	NNE63 NW63	May 8 Sept 27	W100	June 17/81

* 11 March also NNW57

* Total Possible - 4475.8 (most years) Leap Year 4486.7

MONTH MOIS	BAROMETRIC PRESSURE*/PRESSION BAROMÉTRIQUE*											
	STATION LEVEL / NIVEAU DE LA STATION						SEA LEVEL / NIVEAU DE LA MER					
	MEAN MOYENNE	MAXIMUM MAXIMALE	DATE	MINIMUM MINIMALE	DATE	NORMAL NORMALE	MEAN MOYENNE	MAXIMUM MAXIMALE	DATE	MINIMUM MINIMALE	DATE	NORMAL NORMALE
JAN/JAN	99.15	100.98	10	96.66	25	98.96	1022.6	104.19	10	99.60	25	102.10
FEB/FÉV	98.58	100.23	13	96.78	16	98.90	1016.5	103.37	12*	99.70	16	102.01
MAR/MAR	98.70	100.16	7	97.00	14	98.82	1017.1	103.21	7	99.89	14	101.87
APR/AVR	98.48	100.90	14	96.98	21	98.59	1014.0	103.98	14	99.85	21	101.55
MAY/MAI	98.65	100.06	9	96.76	2	98.53	1015.5	103.07	9	99.58	2	101.44
JUN/JUIN	97.90	99.30	26	96.00	17	98.31	1007.5	102.20	26	98.78	17	101.17
JUL/JUIL	98.47	99.56	26	97.13	7	98.47	1013.2	102.47	26	99.91	7,8	101.33
AUG/AOÛT	98.57	99.58	16	97.10	31	98.49	1014.2	102.49	16	99.88	31	101.35
SEPT/SEP	98.67	100.44	16	96.42	26	98.51	1016.0	103.41	16	99.24	26	101.41
OCT/OCT	98.46	100.05	21	96.93	26	98.51	1013.9	103.08	21,22	99.87	26	101.45
NOV/NOV	98.63	100.24	8,9	97.31	7	98.63	1016.0	103.27	8,9	100.19	7	101.65
DEC/DÉC	98.69	100.56	17	95.80	21	98.77	1017.5	103.74	17	98.71	21	101.86
YEAR ANNÉE	98.58	100.98	Jan 10	95.80	Dec 21	98.62	1015.3	104.19	Jan 10	98.71	Dec 21	101.60

* 1 Kilopascal = 0.29529 inches of mercury / 3.386 kilopascals = 1 inch of mercury
= 0.29529 pouces de mercure / 3.386 kilopascals = 1 pouce de mercure

* February 13th had 1033.3 Kps diff. due to correction factor

May prevailing direction by Kms NNE

June prevailing direction by Kms NW

Max. gust also March 1st NNW 57