

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

MONTH MOIS	TEMPERATURE / TEMPÉRATURE									PRECIPITATION / PRÉCIPITATIONS					
	ABSOLUTE MAXIMUM ABSOLU	YEAR ANNÉE	ABSOLUTE MINIMUM ABSOLU	YEAR ANNÉE	HIGHEST MONTHLY MEAN TEMPERATURE MAXIMALE	YEAR ANNÉE	LOWEST MONTHLY MEAN TEMPERATURE MINIMALE	YEAR ANNÉE	GREATEST MONTHLY PRECIPITATION MAXIMALE	YEAR ANNÉE	LEAST MONTHLY PRECIPITATION MINIMALE	YEAR ANNÉE	GREATEST MONTHLY SNOWFALL 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 1951-1980)

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 - 1899 also High Mean

(Extremes from complete station record 1872-1982)

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

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 PRECIPITATION 1982 (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	0.8	0.4				Tr.		7.2	7.0	4.2		0.2
2	5.6	Tr.		5.6	Tr.		21.8	1.8		0.4	0.2	21.8
3	0.2		0.2	1.9	Tr.					2.2	Tr.	0.2
4	0.9	Tr.	0.2		0.8	0.2	0.6			0.8	0.5	
5	4.2	Tr.	Tr.			2.0	17.6	Tr.	Tr.	Tr.	0.2	Tr.
6		0.7	Tr.		Tr.	34.9		1.8	4.0	16.8		Tr.
7	0.4	0.4				1.9		1.2	0.2	2.4	Tr.	Tr.
8	0.2	0.2		Tr.				4.6		0.2		
9	0.4	Tr.	0.2	1.4	2.8	4.6	Tr.			4.8		Tr.
10	Tr.		Tr.	Tr.	4.7	0.4				22.0		Tr.
11	Tr.				0.6	Tr.			Tr.	3.0	Tr.	
12	Tr.	Tr.	12.4	0.2		0.2		0.2		Tr.	Tr.	
13	0.9	Tr.	0.4	Tr.		Tr.	4.4					0.7
14	0.8	1.1	2.4		Tr.			11.4			Tr.	Tr.
15	0.4	0.2	0.8	2.6	7.6		Tr.	0.4				
16	0.2	0.2	Tr.	Tr.	0.6	1.2	23.9		Tr.	3.0		0.3
17		0.2	2.6	0.4	1.2		0.6		Tr.	0.4		
18	1.4	Tr.	Tr.	0.4	0.4	Tr.		16.8	4.7	Tr.		Tr.
19	Tr.	Tr.			Tr.	4.8		Tr.	0.2	Tr.	2.1	Tr.
20	0.2					0.4					2.7	0.2
21	Tr.		0.2					2.4			Tr.	0.2
22	4.3	Tr.	Tr.				0.4	9.2	3.0		Tr.	1.2
23	0.5		0.2			2.2	2.0		1.0		Tr.	5.8
24			Tr.			0.3		Tr.				
25	Tr.	Tr.		Tr.				0.6	Tr.			Tr.
26	1.3	0.6				1.1		Tr.				
27	1.4		Tr.				Tr.		22.6	Tr.		0.6
28		3.8				Tr.	34.6	1.4	15.5	1.2		0.2
29	1.6		Tr.	0.8	0.2		1.0			0.6		Tr.
30			16.2		0.6		Tr.				Tr.	0.3
31			Tr.		3.8			Tr.				Tr.
TOTAL	25.7	7.8	35.8	13.3	23.3	54.2	106.9	59.0	58.2	62.0	5.7	31.7

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METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY RAINFALL 1982 MM'S												
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.		7.2	7.0	4.2		0.2
2				Tr.	Tr.		21.8	1.8		0.4	Tr.	21.8
3					Tr.					2.2	Tr.	0.2
4					0.8	0.2	0.6			0.8	Tr.	
5						2.0	17.6	Tr.	Tr.	Tr.		
6					Tr.	34.9		1.8	4.0	16.8		
7						1.9		1.2	0.2	2.4		
8								4.6		0.2		
9				Tr.	2.8	4.6	Tr.			4.8		
10					4.7	0.4				22.0		
11					0.6	Tr.			Tr.	3.0		
12			7.8	0.2		0.2		0.2		Tr.		
13			Tr.	Tr.		Tr.	4.4					
14		0.2	2.4		Tr.			11.4				
15			0.8	2.6	7.6		Tr.	0.4				
16			Tr.	Tr.	0.6	1.2	23.9		Tr.	2.4		
17		0.2		0.4	1.2		0.6		Tr.	0.4		
18		Tr.		0.4	0.4	Tr.		16.8	4.7	Tr.		Tr.
19		Tr.			Tr.	4.8		Tr.	0.2		2.1	
20						0.4					1.7	
21								2.4				
22			Tr.				0.4	9.2	3.0			
23			Tr.			2.2	2.0		1.0			
24						0.3		Tr.				
25				Tr.				0.6	Tr.			
26	0.2					1.1		Tr.				
27	Tr.						Tr.		22.6	Tr.		
28		Tr.				Tr.	34.6	1.4	15.5	1.2		
29			Tr.	0.8	0.2		1.0			0.6		
30			14.2		0.6		Tr.				Tr.	
31			Tr.		3.8			Tr.				
TOTAL	0.2	0.4	25.2	4.4	23.3	54.2	106.9	59.0	58.2	61.4	3.8	22.2

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METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUE POUR L'ANNÉE												
DAILY MINIMUM TEMPERATURES - 1982 (°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	-29.8	-25.9	-18.2	-10.3	3.3	2.1	10.4	10.4	7.4	-2.1	-2.7	0.3
2	-25.8	-32.3	-24.2	-12.7	10.8	-1.0	17.0	16.3	8.5	4.7	-4.5	1.0
3	-31.5	-32.4	-24.0	-15.5	14.6	4.2	16.6	15.7	5.2	2.4	-6.0	-2.8
4	-24.2	-30.7	-17.8	-19.1	9.0	9.8	16.6	15.5	8.8	2.2	-5.4	-2.4
5	-27.8	-34.0	-18.7	-14.8	4.0	14.3	17.2	11.2	4.6	-0.8	-6.1	-11.0
6	-31.7	-28.3	-24.4	-14.0	-0.7	10.7	14.0	17.8	3.8	3.4	-6.1	-17.5
7	-33.8	-22.8	-26.4	-9.7	-2.7	3.3	10.5	15.3	9.8	4.7	-5.1	-22.6
8	-35.8	-28.5	-25.3	-4.0	-4.6	1.1	10.5	9.4	16.9	6.2	-4.7	-25.4
9	-34.6	-30.2	-20.5	-4.8	2.7	6.7	13.9	7.2	16.9	6.9	-7.2	-16.2
10	-32.0	-23.6	-15.3	-6.7	6.8	4.2	13.7	4.1	17.2	6.0	-6.5	-21.6
11	-27.8	-20.1	-17.2	-4.8	4.8	6.5	13.4	8.1	8.7	5.0	-9.7	-20.7
12	-30.6	-26.5	-3.3	0.0	4.5	4.0	14.1	14.6	5.6	2.7	-15.5	-18.9
13	-27.8	-25.0	8.7	3.2	8.8	8.0	12.5	14.1	6.8	3.3	-15.1	-11.6
14	-29.2	-14.2	-11.0	2.3	8.2	7.9	8.4	15.8	-0.2	4.3	-12.4	-14.1
15	-30.6	-19.2	0.9	5.6	9.2	4.0	20.0	14.1	-3.3	-0.6	-9.5	-14.2
16	-34.8	-10.8	0.0	-2.4	10.6	9.6	15.7	11.0	1.8	-1.9	-7.7	-13.1
17	-35.5	0.1	9.7	-4.6	10.8	3.6	12.4	11.7	4.9	3.4	-4.6	-6.6
18	-32.6	-4.6	-14.5	-0.6	10.5	8.9	10.0	16.4	6.6	-1.0	-3.5	-8.0
19	-35.9	-4.0	-11.7	-4.4	7.0	8.8	15.0	12.7	1.2	-2.8	-2.3	-11.3
20	-38.9	-5.2	-11.7	-6.0	4.0	8.9	16.0	12.5	0.0	-3.4	-10.4	-14.5
21	-30.2	-6.1	7.6	-2.0	5.0	5.7	12.7	13.2	3.0	-4.2	-15.2	-9.5
22	-25.0	-16.3	7.0	2.6	4.7	5.0	11.9	10.8	7.3	-1.8	-18.1	-8.5
23	-32.2	-18.0	2.9	6.6	10.2	13.3	18.1	8.4	6.5	1.8	-20.6	-7.3
24	-35.5	-15.4	9.5	7.0	13.3	6.0	18.7	10.7	0.3	3.3	-19.1	-16.0
25	-31.9	-16.3	-13.1	-2.6	9.1	3.9	13.6	4.0	1.5	2.8	-21.0	-22.1
26	-27.1	-19.1	-13.4	-3.8	12.9	10.7	10.9	2.9	7.7	5.6	-23.8	-13.5
27	-20.7	-21.8	9.2	-0.2	12.0	9.1	15.2	0.7	4.5	7.3	-16.7	-20.1
28	-22.9	-15.0	0.5	3.3	13.0	7.7	13.5	2.9	4.5	6.1	-11.9	-21.8
29	-23.8		1.9	4.7	10.3	4.5	12.8	5.9	4.6	0.5	-11.7	-25.5
30	-31.3		0.3	2.6	6.0	4.2	13.6	3.6	0.0	-3.4	-6.5	-25.6
31	-29.8		-8.4		5.0		15.7	10.5		-1.3		-24.3
AVG.	-30.4	-19.5	-12.0	-3.7	7.2	6.5	14.0	10.6	5.7	1.9	-10.3	-14.4

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METEOROLOGICAL DATA FOR THE YEAR / DONNÉES MÉTÉOROLOGIQUES POUR L'ANNÉE													
MONTH MOIS	SUNSHINE / INSOLATION					WIND / VENT							
	DURATION IN HOURS DURÉE (NOMBRE D'HEURES)	PERCENTAGE OF POSSIBLE POURCENTAGE DU TOTAL POSSIBLE	NO. OF DAYS WITHOUT SUN NOMBRE DE JOURS SANS SOLEIL	NORMAL NORMALE	AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	NORMAL MORNALE		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	124.0	46.4	5	121.2	22.8	NW	18.6	S	SSE 70	26	SSE 106	26	
FEB/FÉV	139.5	49.5	2	144.2	17.9	W*	18.1	S	SSE 52	14	SSE 72	14	
MAR/MAR	178.4	48.5	4	176.2	23.4	S	19.3	S	WNW 81	13	WNW 106	13	
APR/AVR	281.3	68.2	1	219.8	20.5	S	20.9	S	S 65	29	S 104	29	
MAY/MAI	241.9	50.7	5	265.6	19.5	SSE	20.2	S	WNW 46	4)	WSW 81	6	
JUN/JUIN	304.3	62.3	1	276.1	17.5	N*	18.1	S	S 59	5	S 83	5	
JUL/JUIL	307.6	62.4	0	315.6	15.1	W	16.0	S	WNW 52	17	WSW 91*	16	
AUG/AOÛT	312.9	69.8	0	283.3	16.7	WNW	16.4	S	ESE 74	15	ESE 98	14	
SEPT/SEP	201.1	53.0	2	184.6	19.8	S	18.5	S	NW 61	11	WNW 87	11	
OCT/OCT	111.0	33.2	10	151.5	16.9	N	19.6	S	W 46	4	WNW 54	4)	
NOV/NOV	115.9	42.5	6	90.7	15.7	S	19.4	S	NNW 48	11	NNW 76	11	
DEC/DÉC	70.5	27.8	13	92.6	16.7	S	18.6	S	SSE 44	16)	S 70	9	
YEAR ANNÉE	2388.4	53.4	49	2321.4	18.5	S	18.6	S	WNW 81	Mar 13	SSE 106 WNW 106	Jan.26 Mar.13	
Near normals 1951-80 *Total Possible - 4475.8 (most years) Leap Year 4486.7													
BAROMETRIC PRESSURE*/PRESSION BAROMÉTRIQUE*													
MONTH MOIS	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	99.10	101.33	9	95.83	27	98.96	102.28	104.63	9	98.77	27	102.10	
FEB/FÉV	99.07	100.94	24,25	96.34	14	98.90	102.20	104.07	24*	99.31	14	102.01	
MAR/MAR	98.54	100.37	26	95.01	12	98.82	101.57	103.46	2*	97.86	12	101.87	
APR/AVR	98.64	100.14	5	96.54	12	98.59	101.59	103.21	5	99.40	12	101.55	
MAY/MAI	98.43	99.53	20	96.85	4	98.53	101.30	102.46	20	99.64	4	101.44	
JUN/JUIN	98.51	99.62	30	96.86	6	98.31	101.41	102.53	30	99.69	6	101.17	
JUL/JUIL	98.34	99.56	22	96.68	17	98.47	101.22	102.45	22	99.48	17	101.33	
AUG/AOÛT	98.76	99.66	10	97.32	2	98.49	101.64	102.58	10,28	100.14	2	101.35	
SEPT/SEP	98.62	100.74	14	96.52	28	98.51	101.52	103.71	14	99.38	28	101.41	
OCT/OCT	98.49	99.80	1	96.56	29	98.51	101.43	102.78	1	99.42	29	101.45	
NOV/NOV	98.74	100.50	26	96.66	20	98.63	101.76	103.65	26	99.54	20	101.65	
DEC/DÉC	98.61	101.77	8	96.30	2,3	98.77	101.65	104.98	8	99.18	2,3	101.86	
YEAR ANNÉE	98.65	101.77	Dec 8	95.01	Mar. 12	98.62	101.63	104.98	Dec 8	97.86	Mar. 12	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													

* JUL/JUIL - WIND/VENT ALSO WSW 91 on 17th and WNW 91 on the 28th.

- * Jan. 26 - Record gust for any Jan.
- * Feb. 25 - High sea level pressure is 104.06
- * Feb. - Prevailing direction by Kms is south.
- * Mar. 26 - High sea level pressure is 103.43
- * June - Prevailing direction by Kms is south.