

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AÉROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

MONTHLY AND ANNUAL EXTREMES OF RECORD/EXTRÊMES MENSUELS ET ANNUELS AUX REGISTRES														
MONTH MOIS	TEMPERATURE / TEMPÉRATURE								PRECIPITATION / PRÉCIPITATIONS					
	ABSOLUTE MAXIMUM ABSOLU	YEAR ANNÉE	ABSOLUTE MINIMUM ABSOLU	YEAR ANNÉE	HIGHEST MONTHLY MEAN MOYENNE MENSUELLE MAXIMALE	YEAR ANNÉE	LOWEST MONTHLY MEAN MOYENNE MENSUELLE 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/JANV	7.8	1942	-44.4	1877	-10.6	1944	-26.9	1875	85.3	1916	2.5	1973*	85.3	1916
FEB/FÉVR	11.7	1958	-45.0	1966	-5.1	1878	-26.1	1875	89.9	1881	2.5	1903	89.9	1881
MAR/MARS	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/JUILL	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*	22.5	1983	14.4	1977	218.0	1985	3.3	1915		
SEPT/SEPT	38.8	1983	-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

Note/Avis 1. Period of Record/Période de registre:
2. * Indicates most recent occurrence/Indique les données les plus récentes

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AÉROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

MONTHLY AND ANNUAL DEGREE-DAYS/DEGRÉS-JOURS MENSUELS ET ANNUELS										
MONTH MOIS	DEGREE-DAYS ABOVE/DEGRÉS-JOURS AU DESSUS DE					DEGREE-DAYS BELOW/DEGRÉS-JOURS AU DESSOUS DE				
	24 °C	18 °C	5 °C	0 °C	°C	0 °C	18 °C	°C	°C	°C
JAN/JANV	0.0	0.0	0.0	0.0		489.6	1047.6			
FEB/FÉVR	0.0	0.0	0.0	0.0		517.2	1021.2			
MAR/MARS	0.0	0.0	0.0	4.6		319.6	873.0			
APR/AVR	0.0	0.0	31.2	110.1		31.8	461.7			
MAY/MAI	0.0	21.1	281.2	428.5		2.1	152.7			
JUN/JUIN	0.0	24.3	343.7	493.7		0.0	70.6			
JUL/JUILL	11.1	126.7	529.3	684.3		0.0	0.4			
AUG/AOÛT	14.0	85.5	450.6	605.6		0.0	37.9			
SEPT/SEPT	0.0	12.7	259.2	408.8		0.0	143.9			
OCT/OCT	0.0	0.0	77.7	187.3		7.8	378.5			
NOV/NOV	0.0	0.0	0.0	5.8		238.1	772.3			
DEC/DÉC	0.0	0.0	0.0	0.0		614.2	1172.2			
YEAR ANNÉE	25.1	270.3	1972.9	2928.7		2220.4	6132.0			

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AÉROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

METEOROLOGICAL DATA FOR THE YEAR/DONNÉES MÉTÉOROLOGIQUES POUR L'ANNÉE												
DAILY TOTAL PRECIPITATION/PRÉCIPITATIONS TOTALES QUOTIDIENNES												
DATE	JAN JANV	FEB FÉVR	MAR MARS	APR AVR	MAY MAI	JUN JUIN	JUL JUILL	AUG AOÛT	SEPT SEPT	OCT OCT	NOV NOV	DEC DÉC
1	0.2			3.2		0.6				0.4	TR.	0.2
2	2.4	1.0					TR.	8.6		TR.	TR.	
3	TR.							9.8	0.6		3.4	TR.
4	TR.	TR.			1.4	TR.				4.8	3.4	
5	0.2	0.2		0.4		3.2	14.0	2.0		1.2		TR.
6	3.8	TR.				25.8			0.6		TR.	
7	22.5	0.8	4.0	2.9	TR.	16.4	TR.		TR.		1.6	0.2
8	1.8		3.5	0.6	TR.		2.0				0.4	6.0
9		TR.	TR.				TR.		0.8	1.2	0.4	1.0
10	TR.		0.6	0.4					TR.			0.2
11	3.2		0.2			9.4			3.2		TR.	TR.
12			1.2			52.2	16.8	2.6			1.2	TR.
13		TR.	0.2	TR.		4.2		TR.		0.2		
14	0.8							TR.		0.4	1.8	TR.
15	0.4		1.0		TR.					3.2	0.2	TR.
16	1.4		0.2	TR.	TR.					2.6	1.2	0.2
17	4.8				6.0	2.0	TR.	0.2			1.2	0.4
18	1.2					TR.		35.6	TR.		0.8	TR.
19	0.4		0.2		7.0			5.6			TR.	TR.
20				TR.	TR.	TR.			4.4		TR.	TR.
21		TR.			TR.	0.4		0.4	TR.		0.6	TR.
22			TR.		TR.				0.4		0.6	TR.
23	TR.	1.2	1.6	0.2		0.4						0.4
24		1.8		8.2	1.8	21.0	0.2		TR.		0.2	1.2
25	3.2	TR.			5.6	2.4		TR.			TR.	0.8
26			TR.			5.4	TR.	TR.		1.6	0.4	2.0
27		0.6	TR.		4.2	1.6				0.2		1.6
28		TR.	4.0			0.6	0.4	5.0				1.8
29			3.3	TR.		4.6	TR.	6.8		TR.		TR.
30	1.8		TR.									0.2
31	4.1						TR.			0.8		0.8
TOTAL	52.2	5.6	20.0	15.9	26.0	150.2	33.4	76.6	10.0	16.6	17.4	17.0

Note/Avis 1. TR = Trace 2. No entry/pas de valeur = no precipitation/pas de précipitations 3. Unit/Unité = 0.1 mm 4. M = Missing/Manquant

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AÉROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

METEOROLOGICAL DATA FOR THE YEAR/DONNÉES MÉTÉOROLOGIQUES POUR L'ANNÉE												
DAILY RAINFALL/CHUTES DE PLUIE QUOTIDIENNES												
DATE	JAN JANV	FEB FÉVR	MAR MARS	APR AVR	MAY MAI	JUN JUN	JUL JUILL	AUG AOÛT	SEPT SEPT	OCT OCT	NOV NOV	DEC DÉC
1				0.4		0.6				0.4		
2							TR.	8.6				
3								9.8	0.6			TR.
4					1.4	TR.				4.8	0.4	
5						3.2	14.0	2.0		1.2		
6						25.8			0.6		TR.	
7			3.0		TR.	16.4	TR.		TR.		1.6	
8			2.1		TR.		2.0				TR.	
9			TR.				TR.		0.8	1.2		
10			0.6						TR.			
11			0.2			9.4			3.2			
12			TR.			52.2	16.8	2.6				
13				TR.		4.2		TR.		0.2		
14								TR.		0.4		
15					TR.					3.2		
16					TR.					2.0		
17					6.0	2.0	TR.	0.2				
18						TR.		35.6	TR.			
19					7.0			5.6			TR.	
20				TR.	TR.	TR.			4.4			
21					TR.	0.4		0.4	TR.			
22					TR.				0.4			
23				0.2		0.4						
24		0.2		8.2	1.8	21.0	0.2		TR.		TR.	0.2
25					5.6	2.4		TR.				
26			TR.			5.4	TR.	TR.		1.6	TR.	
27					4.2	1.6				0.2		
28						0.6	0.4	5.0				
29				TR.		4.6	TR.	6.8		TR.		
30	TR.											
31							TR.					
TOTAL	TR.	0.2	5.9	8.8	26.0	150.2	33.4	76.6	10.0	15.2	2.0	0.2

Nota/Avis 1. TR = Trace
2. No entry/pas de valeur = no rain/pas de pluie

3. Unit/Unité = 0.1 mm
4. M = Missing/Manquant

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AÉROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

METEOROLOGICAL DATA FOR THE YEAR/DONNÉES MÉTÉOROLOGIQUES POUR L'ANNÉE												
DAILY MINIMUM TEMPERATURES/TEMPÉRATURES MINIMALES QUOTIDIENNES												
DATE	JAN JANV	FEB FÉVR	MAR MARS	APR AVR	MAY MAI	JUN JUIN	JUL JUIL	AUG AOÛT	SEPT SEPT	OCT OCT	NOV NOV	DEC DÉC
1	-29.3	-34.5	-30.2	-3.8	-1.1	9.3	19.0	20.7	6.5	0.2	-15.0	-13.2
2	-31.7	-34.3	-29.0	-2.1	2.4	5.0	17.1	21.2	7.5	-2.0	-19.9	-18.4
3	-26.0	-35.6	-27.4	-2.6	4.4	2.3	15.2	18.4	14.1	-4.3	-10.6	-17.5
4	-18.6	-30.0	-23.8	-4.7	-3.5	-0.8	14.7	15.9	12.9	-4.3	-2.4	-7.0
5	-20.5	-23.3	-23.7	-3.7	-7.0	10.1	19.0	10.8	11.3	4.3	-8.0	-19.1
6	-19.4	-14.1	-20.7	-6.2	-10.1	10.6	13.0	6.7	14.2	-4.4	-4.5	-23.9
7	-21.9	-24.0	-8.8	-8.3	5.8	4.9	13.3	9.1	12.3	-6.9	-3.4	-25.5
8	-32.7	-28.2	-8.0	-11.8	8.1	2.4	16.8	12.9	10.0	-3.4	-2.3	-13.6
9	-34.1	-19.1	-7.5	-11.8	2.8	3.6	15.6	12.5	3.1	2.3	-4.3	-23.7
10	-35.7	-14.6	0.0	-7.8	3.3	8.5	13.3	14.0	1.2	1.5	-3.8	-26.2
11	-28.5	-9.3	-6.7	-6.9	14.7	13.5	13.5	16.7	3.5	8.2	-7.2	-29.5
12	-22.2	-12.1	-7.1	-6.6	14.4	9.8	16.2	18.5	1.5	1.2	-7.6	-31.3
13	-20.9	-14.6	-10.6	-0.2	8.9	8.3	13.7	13.8	5.2	-1.1	-9.8	-35.5
14	-17.2	-29.3	-22.4	-0.3	9.0	4.5	12.7	10.3	3.9	-4.4	-10.9	-35.5
15	-21.7	-33.6	-23.4	-1.9	11.9	7.8	14.8	6.0	9.6	-2.2	-20.3	-27.3
16	-19.1	-32.1	-21.9	-8.5	16.3	13.0	14.8	9.5	5.2	-1.2	-21.7	-24.6
17	-20.5	-31.6	-22.7	-8.8	13.6	14.8	15.5	14.1	13.9	-3.4	-21.7	-30.4
18	-12.3	-26.4	-23.5	-2.3	12.4	12.5	13.4	18.0	10.6	-6.5	-23.5	-34.3
19	-23.7	-18.0	-17.8	-5.0	7.9	13.8	15.6	11.0	10.2	-3.8	-3.8	-36.5
20	-25.5	-24.0	-19.6	0.8	6.4	16.9	17.1	9.2	7.5	-5.4	-10.4	-37.0
21	-11.3	-24.5	-19.2	0.1	7.1	13.8	18.5	8.3	0.2	-0.6	-17.0	-35.5
22	-14.6	-28.1	-15.2	8.5	5.9	12.5	17.7	10.8	-0.5	5.6	-18.8	-32.4
23	-25.4	-22.4	-8.2	8.2	7.0	11.2	17.7	16.2	-4.5	3.3	-22.4	-24.3
24	-26.4	-7.7	-10.3	1.6	8.7	11.4	19.7	17.9	5.6	2.9	-17.7	-10.5
25	-20.2	-19.1	-9.0	-2.1	4.0	11.7	18.4	18.2	0.9	3.5	-16.9	-26.4
26	-21.1	-23.4	0.1	0.1	1.5	12.3	13.9	14.1	-1.1	6.6	-14.5	-27.6
27	-10.4	-22.9	-4.1	-1.6	4.3	11.8	12.8	9.9	9.7	2.2	-22.9	-17.4
28	-8.3	-26.2	-5.5	-4.8	6.0	12.5	14.4	14.0	2.7	-3.1	-24.5	-27.7
29	-7.4		-5.8	0.2	6.0	16.3	17.2	8.5	-0.1	-6.0	-11.5	-30.4
30	-12.4		-10.4	2.2	7.7	15.0	16.4	5.1	7.5	-8.1	-9.8	-18.6
31	-27.1		-15.5		8.5		17.5	9.1		-9.3		-22.4
AVG.	-21.5	-23.7	-14.8	-3.0	6.0	10.0	15.8	12.9	6.2	-1.2	-12.9	-25.3

Note/Avis 1. Unit/Unité = 0.1°C
2. M = Missing/Manquant

for/pour **WINNIPEG INTERNATIONAL AIRPORT/AEROPORT INTERN. DE WINNIPEG** YEAR/ANNEE: **1989**

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 SUNSHINE NOMBRE DE JOURS SANS SOLEIL	NORMAL NORMALE	AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	NORMAL NORMALE		MAX 2 MIN MEAN VITESSE MOYENNE MAX SUR 2 MIN		HIGHEST GUST RAFALE MAXIMUM	
							SPEED VITESSE	DIRECTION	DIRECTION AND SPEED DIRECTION ET VITESSE	DATE	DIRECTION AND SPEED DIRECTION ET VITESSE	DATE
JAN/JANV	107.8	40.3	9	121.2	17.2	S	18.6	S	NNE 54	7	NNE 72	7
FEB/FÉVR	204.2	72.5	0	144.2	17.3	W	18.1	S	S 59	23	S 74	23
MAR/MARS	172.7	47.0	7	176.2	15.3	S	19.3	S	S 50	7	S 67	7
APR/AVR	263.0	63.7	0	219.8	17.7	NNE	20.9	S	S 44	15	S 61	15
MAY/MAI	301.1	63.1	3	265.6	16.4	S	20.2	S	NW 56	4	WNW 80	4
JUN/JUIN	278.7	57.0	2	276.1	14.5	S	18.1	S	NNW 46	3	S 69	12
JUL/JUILL.	342.3	69.5	0	315.6	12.3	S	16.0	S	SSE 33	1	WSW 63	5
AUG/AOÛT	258.6	57.7	1	283.3	15.1	S	16.4	S	SSE 37	18	WNW 76	3
SEPT/SEPT	240.8	63.5	1	184.6	15.9	S	18.5	S	NNW 48	22	ESE 74	3
OCT/OCT	155.9	46.7	3	151.5	14.5	S	19.6	S	S 44	27	S 72	27
NOV/NOV	98.1	36.0	6	90.7	15.9	S	19.4	S	NW 46	29	NNW 69	20
DEC/DÉC	141.8	56.0	5	92.6	14.6	S	18.6	S	NNW 48	1	NNW 72	01
YEAR ANNÉE	2565.0	57.3	37	2321.4	15.6	S	18.6	S	S 59	FEB 23	WNW 80	MAY 4

*Indicates later occurrences of same speed/Indique des données postérieures de la même vitesse

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/JANV	98.52	100.55	24	96.44	30	98.96	101.59	103.73	24	99.34	30	102.10
FEB/FÉVR	99.46	102.41	17	96.89	12	98.90	102.59	105.71	17	99.86	12	102.01
MAR/MARS	99.13	100.98	5	97.50	26	98.82	102.19	104.14	5	100.42	26	101.87
APR/AVR	98.76	100.04	09	96.31	15	98.59	101.71	103.09	09	99.19	15	101.55
MAY/MAI	98.40	99.48	1	96.38	25	98.53	101.28	102.43	1	99.22	25	101.44
JUN/JUIN	98.44	99.43	14	97.05	20	98.31	101.29	102.34	14	99.83	20	101.17
JUL/JUILL	98.83	99.70	27	97.62	9	98.47	101.68	102.59	27	100.44	9	101.33
AUG/AOÛT	98.43	99.53	6	97.03	2	98.49	101.28	102.44	6	99.69	2	101.35
SEPT/SEPT	98.58	100.31	22	96.95	18	98.51	101.47	103.30	22	99.73	18	101.41
OCT/OCT	98.71	101.21	18	96.04	11	98.51	161.62	104.26	18	98.83	11	101.45
NOV/NOV	98.40	100.14	02	96.46	07	98.63	101.41	103.24	02	99.35	07	101.65
DEC/DÉC	99.25	101.68	22	97.00	04	98.77	102.38	104.96	22	99.95	04	101.86
YEAR ANNÉE	98.74	102.41	FEB 17	96.04	OCT 11	98.62	106.71	105.71	FEB 17	98.83	OCT 11	101.60

1 kilopascal = 0.29529 inches of mercury/pouce de mercure
3.386 kilopascals = 1 inch of mercury/pouce de mercure

Note/Avis 1. Normal/Normale 1951-1980
2. * Indicates first of more than one occurrence/Indique le premier de plusieurs