

ANNUAL METEOROLOGICAL SUMMARY
SOMMAIRE MÉTÉOROLOGIQUE ANNUEL

-10-

for/pour

Winnipeg International Airport

YEAR/ANNÉE

1996

METEOROLOGICAL DATA FOR THE YEAR/DONNÉES MÉTÉOROLOGIQUES POUR L'ANNÉE													
NUMBER OF DAYS WITH: NOMBRE DE JOURS AVEC:	JAN JANV	FEB FÉVR	MAR MARS	APR AVR	MAY MAI	JUN JUIN	JUL JUILL	AUG AOÛT	SEPT SEPT	OCT OCT	NOV NOV	DEC DÉC	YEAR ANNÉE
MEASURABLE RAIN PLUIE, MESURABLE	0	3	3	2	10	11	14	6	15	7	0	1	72
RAIN (Trace or More) PLUIE (Trace ou davantage)	3	4	5	4	13	11	21	8	16	8	1	2	96
MEASURABLE SNOW NEIGE, MESURABLE	11	10	9	7	0	0	0	0	0	3	11	18	69
SNOW (Trace or More) NEIGE (Trace ou davantage)	23	16	13	10	0	0	0	0	0	5	20	26	113
MEASURABLE PRECIPITATION PRÉCIPITATION, MESURABLE	11	10	11	7	10	11	14	6	15	9	11	18	133
PRECIPITATION (Trace or More) PRÉCIPITATION (Trace ou davantage)	24	16	15	11	13	11	21	8	16	11	20	26	192
THUNDERSTORMS ORAGES	0	0	0	0	2	5	9	5	5	1	0	0	27
HAIL GRÊLE	0	0	0	0	0	1	1	1	0	0	0	0	3
ICE PELLETS GRANULES DE GLACE	0	2	0	2	0	0	0	0	0	0	0	1	5
FREEZING PRECIPITATION PRÉCIPITATION VERGLACANTE	2	1	0	0	0	0	0	0	0	0	0	1	4
FOG* BROUILLARD*	1	0	2	0	0	0	1	0	0	1	3	0	8
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 30°C OR MORE/OU PLUS	0	0	0	0	0	7	1	4	0	0	0	0	12
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 0°C OR LESS/OU MOINS	28	21	24	6	0	0	0	0	0	2	22	30	133
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE 0°C OR LESS/OU MOINS	30	28	30	26	10	0	0	0	2	15	29	30	200
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE -15°C OR LESS/OU MOINS	26	18	20	3	0	0	0	0	0	0	16	23	106

*NOTE: Fog is only counted when the visibility is restricted to ½ mile or less

For/Pour: Winnipeg Int'l Airport

Year/Annee: 1996

Meteorological Data For the year /Donnees Meteorologicques Pour L'annee

Daily Total Precipitation / Precipitations Totales Quotidiennes

Date	Jan Janv	Feb Fevr	Mar Mars	Apr Avr	May Mai	Jun Juin	Jul Juill	Aug Aout	Sept Sept	Oct Oct	Nov Nov	Dec Dec
1	0.2	-	0.4	-	-	0.4	-	-	10.4	9.0	-	0.2
2	TR	TR	-	1.4	-	-	-	-	-	-	-	1.2
3	1.2	-	-	TR	-	-	-	-	-	-	-	0.2
4	TR	-	-	-	-	11.8	-	29.2	4.6	-	-	-
5	TR	TR	-	-	-	42.8	TR	-	2.6	-	6.6	1.8
6	TR	TR	-	-	TR	-	TR	-	0.2	-	13.2	1.2
7	0.2	-	-	-	-	-	10.2	12.2	-	0.4	-	0.2
8	9.4	-	-	TR	0.6	-	4.4	-	0.4	-	-	0.2
9	TR	11.8	-	-	-	-	-	-	3.6	-	0.2	0.6
10	TR	7.4	-	-	-	8.0	4.6	-	-	-	TR	-
11	-	0.2	TR	-	-	0.2	1.6	-	TR	-	TR	10.8
12	TR	TR	0.6	-	TR	-	0.4	TR	-	-	TR	0.6
13	TR	0.2	-	-	-	-	1.5	TR	-	-	TR	-
14	-	1.2	1.2	-	12.8	1.4	TR	-	-	0.2	5.8	TR
15	2.2	TR	0.2	3.8	1.0	-	-	-	-	-	TR	TR
16	2.6	1.4	1.2	-	21.2	-	58.8	-	-	-	7.8	0.2
17	3.6	-	0.6	-	4.6	-	1.2	-	-	-	16.2	4.6
18	TR	0.6	9.0	-	13.4	1.2	TR	20.0	-	-	TR	TR
19	TR	0.4	TR	13.6	13.0	10.4	2.2	9.4	-	-	TR	0.6
20	0.6	-	-	0.8	-	-	8.0	6.3	4.0	2.2	4.4	7.6
21	-	-	0.2	2.2	0.8	-	TR	8.4	5.0	0.6	-	TR
22	-	9.4	-	TR	0.2	-	0.2	-	1.6	TR	-	-
23	-	4.0	2.0	-	-	2.8	0.4	-	1.8	-	0.2	TR
24	-	-	TR	21.2	-	-	3.0	-	0.6	0.4	TR	TR
25	-	-	-	10.6	-	4.0	-	-	-	-	-	-
26	TR	-	TR	-	-	-	-	-	11.8	12.4	-	-
27	TR	-	-	-	-	-	-	-	1.4	-	0.2	1.8
28	1.6	-	-	-	-	-	0.8	-	-	-	TR	1.6
29	0.2	0.2	18.2	-	-	0.8	TR	-	0.4	0.2	0.2	TR
30	TR	-	0.6	-	TR	-	TR	-	1.4	2.0	3.6	0.4
31	TR	-	-	-	16.6	-	-	-	-	TR	-	6.4
Total	22.6	36.8	34.2	53.6	84.2	83.8	97.3	85.5	49.8	27.4	58.4	40.2

Note: TR = TRACE M = MISSING Unit = mm

For/Pour: Winnipeg Int'l Airport

Year/Annee: 1996

Meteorological Data For the year /Donnees Meteorologiques Pour L'annee

Daily Rainfall / Chutes De Pluie Quotidiennes

Date	Jan Janv	Feb Fevr	Mar Mars	Apr Avr	May Mai	Jun Juin	Jul Juill	Aug Aout	Sept Sept	Oct Oct	Nov Nov	Dec Dec
1	-	-	-	-	-	0.4	-	-	10.4	5.0	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	11.8	-	29.2	4.6	-	-	-
5	-	-	-	-	-	42.8	TR	-	2.6	-	-	-
6	-	-	-	-	TR	-	TR	-	0.2	-	-	-
7	-	-	-	-	-	-	10.2	12.2	-	0.4	-	-
8	TR	-	-	-	0.6	-	4.4	-	0.4	-	-	-
9	TR	2.0	-	-	-	-	-	-	3.6	-	-	-
10	-	TR	-	-	-	8.0	4.6	-	-	-	-	-
11	-	-	TR	-	-	0.2	1.6	-	TR	-	-	-
12	TR	-	0.6	-	TR	-	0.4	TR	-	-	-	-
13	-	-	-	-	-	-	1.5	TR	-	-	-	-
14	-	-	-	-	12.8	1.4	TR	-	-	0.2	-	-
15	-	-	0.2	3.2	1.0	-	-	-	-	-	TR	-
16	-	-	0.2	-	21.2	-	58.8	-	-	-	-	-
17	-	-	-	-	4.6	-	1.2	-	-	-	-	-
18	-	-	-	-	13.4	1.2	TR	20.0	-	-	-	-
19	-	-	-	-	13.0	10.4	2.2	9.4	-	-	-	-
20	-	-	-	-	-	-	8.0	6.3	4.0	2.2	-	-
21	-	-	-	-	0.8	-	TR	8.4	5.0	0.6	-	-
22	-	5.6	-	TR	0.2	-	0.2	-	1.6	TR	-	-
23	-	2.2	-	-	-	2.8	0.4	-	1.8	-	-	-
24	-	-	-	14.0	-	-	3.0	-	0.6	0.4	-	-
25	-	-	-	-	-	4.0	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	11.8	12.4	-	-
27	-	-	-	-	-	-	-	-	1.4	-	-	-
28	-	-	-	-	-	-	0.8	-	-	-	-	-
29	-	-	TR	-	-	0.8	TR	-	0.4	-	-	-
30	-	-	-	-	TR	-	TR	-	1.4	-	-	-
31	-	-	-	-	16.6	-	-	-	-	-	-	1.0
Total	TR	9.8	1.0	17.2	84.2	83.8	7.3	85.5	49.8	21.2	TR	1.0

Note: TR = TRACE M = MISSING Unit = mm

For/Pour: Winnipeg Int'l Airport

Year/Annee: 1996

Meteorological Data For the year /Donnees Meteorologiques Pour L'annee

Daily Minimum Temperatures / Temperatures Minimales Quotidiennes

Date	Jan Janv	Feb Fevr	Mar Mars	Apr Avr	May Mai	Jun Juin	Jul Juill	Aug Aout	Sept Sept	Oct Oct	Nov Nov	Dec Dec
1	-21.9	-41.8	-22.8	-22.9	-0.9	12.1	14.6	13.4	15.4	0.4	-13.7	-21.6
2	-18.1	-41.4	-28.5	-21.7	-3.7	5.9	9.2	16.4	12.6	-1.4	-14.2	-21.3
3	-20.3	-34.1	-30.1	-12.6	-4.3	5.5	13.9	18.5	10.2	-3.9	-3.2	-15.3
4	-31.4	-31.0	-26.9	-19.8	-2.6	6.1	17.1	17.1	6.3	3.8	-6.2	-11.6
5	-32.7	-30.5	-30.2	-11.5	-0.9	10.9	19.1	14.3	13.8	9.4	-6.3	-10.4
6	-32.8	-18.9	-33.7	-16.2	1.1	9.6	14.3	15.7	11.5	-3.2	-0.6	-5.6
7	-29.7	-7.0	-31.9	-13.0	2.2	6.7	10.3	12.8	7.2	-5.1	-8.2	-5.7
8	-16.3	-11.1	-20.9	-1.0	-0.2	14.6	7.5	10.0	13.1	6.4	-13.7	-16.3
9	-8.6	-9.1	-21.8	0.0	-4.2	16.2	5.4	10.5	12.9	-0.4	-13.0	-12.3
10	-7.3	-4.5	-11.2	1.8	-6.2	16.1	9.9	11.1	8.0	1.1	-19.7	-15.2
11	-10.5	-6.6	-10.2	-6.1	-6.0	13.2	14.2	11.0	7.8	4.3	-20.0	-8.5
12	-7.2	-10.9	-0.6	-9.3	-2.4	13.4	13.6	5.8	7.5	0.0	-24.1	-8.8
13	-19.5	-9.7	-5.5	-10.3	-0.6	9.5	13.1	11.6	3.4	0.0	-25.1	-18.6
14	-28.2	-16.0	-9.7	-2.1	9.2	13.9	14.1	9.6	2.3	5.0	-21.3	-22.5
15	-30.3	-22.0	-11.4	-4.1	7.1	11.9	11.4	9.6	1.6	7.9	-5.7	-25.0
16	-21.3	-23.5	-6.8	-5.9	6.7	8.5	11.2	14.1	3.3	-2.1	-13.0	-16.3
17	-27.5	-30.7	-9.5	2.8	10.0	11.5	19.5	11.4	8.8	-2.6	-11.1	-20.1
18	-37.1	-23.5	-11.6	2.3	8.2	17.2	18.0	17.1	4.8	-0.6	-24.3	-27.4
19	-39.4	-15.7	-15.4	-1.3	5.8	11.7	16.5	12.9	9.7	3.4	-24.0	-31.4
20	-37.3	-24.6	-20.2	-2.7	5.4	12.2	14.7	9.3	7.6	2.9	-18.5	-21.5
21	-30.1	-14.5	-9.9	-4.1	4.7	8.2	13.2	14.1	11.0	4.8	-23.4	-35.1
22	-30.8	-3.1	-15.1	-4.3	2.6	5.0	11.5	12.0	9.2	2.1	-24.9	-35.4
23	-33.0	-5.4	-18.6	-2.3	2.3	4.4	13.4	12.0	5.1	1.6	-26.4	-35.5
24	-34.7	-21.5	-21.3	-2.9	-1.0	7.5	10.5	12.8	1.1	-4.2	-27.0	-37.0
25	-35.3	-26.3	-27.8	-3.9	1.9	9.0	8.1	8.7	5.1	2.0	-29.7	-35.8
26	-32.1	-27.7	-28.2	-7.7	5.1	15.5	10.0	5.9	5.3	3.6	-27.9	-30.5
27	-34.6	-22.1	-18.7	-6.7	4.5	21.0	12.5	12.8	5.3	1.0	-25.7	-31.1
28	-35.2	-29.8	-21.0	-2.4	3.5	20.9	12.8	11.6	-0.1	-0.6	-19.1	-36.1
29	-34.1	-21.2	-20.9	-1.7	6.3	18.1	12.6	9.9	-0.2	-6.6	-9.5	-35.8
30	-37.1		-18.9	0.0	11.1	14.2	10.2	12.8	3.8	-12.3	-9.4	-28.3
31	-39.2		-18.9		13.9		10.7	16.6		-12.8		-26.2
Mean	-27.5	-20.1	-18.7	-6.3	2.5	11.7	12.7	12.3	7.1	0.1	-17.0	-22.7

Note: Unit = Degrees Celsius M = Missing

for/pour **Winnipeg International Airport**

YEAR/ANNÉE:

1996

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	116.9	43.0	9	119.7	17.1	S	18.0	NW	SSE	52	7	NNW	85	29
FEB/FÉVR	151.9	53.3	7	139.9	21.4	S	17.0	S	NW	52	10	NW	70	10
MAR/MARS	192.3	52.1	9	177.7	19.2	S	18.0	S	NW	52	1	SSE	65	16
APR/AVR	225.9	54.8	3	232.4	17.8	S	20.0	N	SSE	48	17	SSE	67	17
MAY/MAI	274.2	57.8	3	276.8	15.9	NE	19.0	S	SSE	41	30	WNW	67	12
JUN/JUIN	291.6	60.2	4	290.6	18.5	S	17.0	S	WNW	52	29	WNW	89	29
JUL/JUILL	306.2	62.7	1	321.7	14.5	W	15.0	S	WNW	37	6	SE	67	16
AUG/AOÛT	341.7	76.8	2	285.9	15.8	S	15.0	S	SSE	46	18	SSE	61	18
SEPT/SEPT	187.4	49.6	3	189.3	15.3	E	18.0	S	NW	46	5	NNW	85	5
OCT/OCT	135.8	40.0	7	149.8	20.3	S	19.0	S	NW	69	30	NW	89	29
NOV/NOV	103.7	37.6	8	94.9	17.5	W	18.0	S	NW	57	17	NW	72	17
DEC/DÉC	67.1	26.0	16	98.6	17.6	S	17.0	S	NNW	48	17	NNW	63	17
YEAR ANNÉE	2394.7	51.0	72	2377.3	17.6	S	17.6	S	NW	69	Oct 30	WNW	89	Jun 29

*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	99.16	100.94	5	97.25	12	98.87	99.73	104.20	5	100.17	12	102.10
FEB/FÉVR	98.57	100.60	28	95.33	19	98.95	97.94	103.79	28	98.22	19	102.01
MAR/MARS	99.15	100.94	7	97.01	16	98.78	96.29	104.16	7	99.91	16	101.87
APR/AVR	98.69	100.29	4	96.50	18	98.64	98.10	103.31	3	98.72	25	101.55
MAY/MAI	98.74	100.40	24	96.35	19	98.48	94.00	103.34	10	99.18	19	101.44
JUN/JUIN	98.43	99.34	7	97.50	28	98.29	91.69	102.23	7	100.28	27	101.17
JUL/JUILL	98.53	99.35	27	97.71	18	98.45	95.44	102.20	26	100.51	18	101.33
AUG/AOÛT	98.56	99.76	9	97.36	4	98.48	97.18	102.67	9	100.16	4	101.35
SEPT/SEPT	98.58	99.95	18	97.44	5	98.55	98.82	102.88	18	100.25	5	101.41
OCT/OCT	98.39	100.25	2	96.97	29	98.53	97.92	103.24	2	99.69	28	101.45
NOV/NOV	99.24	101.27	13	97.23	6	98.66	102.33	104.45	13	100.15	5	101.65
DEC/DÉC	98.80	100.28	23	96.43	6	98.79	101.86	103.52	22	99.36	6	101.86
YEAR ANNÉE	98.74	101.27	Nov 13	95.33	Feb 19	98.62	97.61	104.45	Nov 13	99.72	Jan 13	101.59

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