

## ANNUAL METEOROLOGICAL SUMMARY / sommaire meteorologique annuel

STATION NAME : **WINNIPEG INTL ARPRT, MB.**

YEAR / ANNEE: **2001**

MONTH MOIS	TEMPERATURE / temperature										SUNSHINE / INSOLATION	
	MEAN / moyenne			NORMAL / normale			EXTREME / extreme				DURATION IN HOURS  DUREE NOMBRE D'HEURES	NORMAL  normale
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	DATE	MIN	DATE		
Jan/janv	-7.2	-17.9	-12.6	-13.2	-23.6	-18.3	1.1	5	-27.3	18	97.7	119.7
Feb/fevr	-13.2	-23.5	-18.4	-9.7	-20.6	-15.1	-3.1	5	-35.2	10	146.8	139.9
Mar/mars	-1.1	-11.2	-6.2	-1.8	-12.4	-7.0	5.3	28	-20.9	26	177.3	177.7
Apr/avr	11.0	-0.7	5.2	9.8	-2.3	3.8	28.3	29	-8.6	2	161.9	232.4
May/mai	19.0	6.5	12.8	18.6	4.5	11.6	25.8	13	-3.1	3	243.8	276.8
Jun/juin	22.4	10.0	16.2	23.4	10.4	16.9	30.1	23	2.5	3	249.5	290.6
Jul/juil	26.4	14.4	20.4	26.1	13.4	19.8	30.7	21	2.9	1	280.5	321.7
Aug/aout	26.0	12.6	19.3	24.9	11.7	18.3	33.1	4	2.7	31	330.0	285.9
Sep/sept	20.5	6.8	13.7	18.6	6.1	12.4	30.3	5	-2.1	23	204.6	189.3
Oct/oct	10.1	-1.5	4.3	11.3	0.1	5.7	21.5	1	-9.6	29	113.1	149.8
Nov/nov	5.7	-3.9	0.9	-0.4	-9.2	-4.7	17.6	5	-10.0	27	112.5	94.9
Dec/dec	-5.4	-15.5	-10.5	-9.9	-19.4	-14.6	4.4	9	-25.1	30	59.2	98.6
MEAN	9.5	-2.0	3.8	8.1	-3.4	2.4	33.1	Aug-04	-35.2	Feb-10	2176.9	2377.3

MONTH mois	PRECIPITATION / precipitations						WIND / vent					
	Monthly/mensuelle			Normal / normale			Avg Speed vitesse moyenne	Prevail DIR direct moyenne	Normal normale		Highest Gust rafale maximum	
	RAIN pluie	Snow neige	Total	RAIN pluie	Snow neige	Total			Speed vitesse	DIR direct	DIR & Speed direct & vitesse	DATE
Jan/janv	0.4	8.0	7.5	0.3	22.6	19.3	18	S	18	WNW	NNW 70	Jan-04
Feb/fevr		11.5	7.6	0.4	17.1	14.8	17	S	17	SSE	S 67	Feb-21
Mar/mars	4.5	21.1	24.2	5.9	19.2	23.1	18	S	18	SSE	S 65	Mar-11
Apr/avr	15.0	9.8	24.8	26.4	9.4	35.9	19	N	20	NNW	S 74	Apr-29
May/mai	110.5		110.5	57.8	2.0	59.8	20	S	19	SSE	N 85	May-22
Jun/juin	86.5		86.5	83.8	TR	83.8	16	S	17	SSE	WNW 65	Jun-14
Jul/juil	150.3		150.3	72.0		72.0	13	S	15	SSE	S 54	Jul-06
Aug/aout	63.0		63.0	75.3		75.3	16	S	15	SSE	S 65	Aug-04
Sep/sept	22.2		22.2	50.9	0.4	51.3	15	SSE	18	SSE	W 63	Sep-02
Oct/oct	10.4	3.2	14.1	24.6	4.9	29.5	19	S	19	SSE	S 74	Oct-27
Nov/nov	5.0	7.8	10.8	5.3	19.0	21.2	17	S	18	SSE	W 61	Nov-01
Dec/dec	1.4	21.9	20.2	1.6	20.1	18.6	18	S	17	SSE	NNE 63	Dec-22
Total	469.2	83.3	541.7	404.3	114.7	504.6	17.2	S	17.6	SSE	N 85	May-22

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YEAR / anne: **2001**

Meteorological Data for the year / donnees meteorologique pour l'annee												
Daily Maximum Temperatures / temperatures maximales quotidiennes (C)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	janv	fevr	mars	avril	mai	juin	juil	aout	Sept	Oct	Nov	dec
1	-18.4	-21.8	2.8	1.4	15.0	18.4	19.6	24.1	27.6	21.5	10.8	-4.2
2	-11.3	-14.0	3.3	3.2	16.0	17.5	23.3	26.6	27.3	14.5	7.9	-2.5
3	-4.4	-8.5	-1.5	7.0	16.8	19.8	24.5	31.4	23.9	16.9	12.5	1.4
4	1.1	-5.7	-3.5	6.7	22.1	22.5	20.7	33.1	30.3	8.9	11.4	-2.3
5	1.1	-3.1	-4.7	8.3	21.4	21.5	24.1	31.0	30.3	3.7	17.6	-5.1
6	-2.8	-7.1	-0.9	11.9	16.9	19.8	26.3	30.8	26.1	9.6	8.0	-9.1
7	-7.9	-16.2	-1.7	5.8	9.6	23.2	29.0	30.3	18.7	15.1	4.2	-6.0
8	-11.8	-17.1	-0.5	8.0	15.5	26.3	30.7	28.9	16.8	13.5	4.2	-7.7
9	-4.2	-21.2	-1.3	6.6	20.3	28.9	29.1	19.8	20.6	20.5	10.5	4.4
10	-4.1	-24.0	-1.4	7.2	13.1	28.9	24.3	23.6	20.3	16.1	3.3	0.7
11	-11.1	-13.9	-5.0	10.7	16.0	25.6	26.1	25.1	16.3	17.2	4.2	-0.8
12	-8.9	-13.1	-0.9	10.1	21.8	22.5	28.1	19.8	14.9	17.2	7.2	-2.7
13	-6.7	-14.2	3.0	2.5	25.8	18.0	29.5	24.6	16.2	15.5	10.1	-5.5
14	-7.3	-17.1	-0.1	9.0	25.2	16.2	27.1	25.1	19.8	11.9	15.3	-1.7
15	-12.2	-12.2	-3.3	-4.2	21.6	15.8	28.1	21.3	19.9	6.9	8.7	2.0
16	-14.0	-18.6	2.0	2.7	25.2	16.3	24.3	25.3	19.2	8.2	13.8	1.1
17	-1.9	-12.6	2.9	6.8	22.8	20.9	28.1	24.1	17.9	11.7	13.5	-1.2
18	-7.4	-9.4	2.8	13.3	25.5	18.2	30.4	19.4	19.9	11.9	5.7	-0.1
19	-14.3	-13.3	1.1	17.4	21.9	19.2	30.5	24.8	22.1	11.3	2.5	-9.2
20	-11.1	-17.0	4.4	15.2	18.2	20.6	30.3	28.4	18.0	5.9	7.9	-12.9
21	-8.4	-13.9	-0.8	2.3	10.7	24.0	30.7	29.1	18.0	6.9	4.8	-2.9
22	-0.5	-10.4	-8.8	6.7	8.2	25.7	29.3	27.0	13.3	6.0	4.1	-3.6
23	-5.1	-11.8	-9.8	12.4	8.6	30.1	23.3	28.1	10.0	2.7	3.2	-10.7
24	-15.5	-7.4	-11.6	17.4	16.3	29.9	24.6	29.3	14.6	1.1	2.1	-11.1
25	-6.9	-10.5	-9.8	26.0	20.9	27.1	25.8	27.0	18.8	2.0	0.1	-11.4
26	-7.2	-16.5	-6.1	16.1	24.7	22.6	23.6	27.1	21.0	4.3	-5.8	-7.9
27	-4.2	-14.2	2.6	18.9	21.2	19.0	20.3	26.2	23.3	2.5	-6.4	-7.3
28	-3.2	-3.7	5.3	26.6	20.2	27.9	25.8	28.3	23.8	7.9	-5.6	-10.9
29	-5.8		3.0	28.3	21.9	27.3	24.7	25.2	24.7	9.0	-2.3	-10.3
30	-5.8		5.1	24.5	20.8	17.0	30.0	19.5	20.2	5.4	-1.9	-15.2
31	-4.2		0.7		23.6		24.7	20.4		7.3		-13.9

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Daily Mean Temperatures/temperatures moyenne quotidiennes (C)												
	Jan janv	Feb fevr	Mar mars	Apr avril	May mai	Jun juin	Jul juil	Aug aout	Sep Sept	Oct Oct	Nov Nov	Dec dec
1	-22.1	-24.6	-3.6	-0.8	11.1	12.2	11.3	19.7	18.8	13.0	7.4	-7.0
2	-15.7	-20.3	-3.0	-2.7	9.1	11.4	18.1	19.7	20.3	9.8	3.6	-6.8
3	-8.1	-11.5	-5.8	1.4	6.9	11.2	17.4	25.7	15.9	9.7	4.3	-5.3
4	-2.7	-10.2	-12.2	3.8	12.3	12.7	13.8	26.6	21.1	4.5	2.5	-9.4
5	-8.6	-8.5	-11.6	4.8	13.7	14.7	14.5	25.3	22.1	-0.4	9.7	-9.4
6	-10.8	-12.5	-6.4	4.5	12.7	16.3	21.0	24.4	19.8	2.2	2.1	-13.2
7	-14.3	-22.3	-4.1	2.8	6.4	18.2	22.3	24.9	15.1	5.5	2.0	-8.2
8	-17.5	-20.4	-4.6	4.5	8.9	18.4	23.4	23.3	11.9	8.1	-0.7	-14.9
9	-9.1	-26.6	-6.9	3.9	13.1	18.9	21.0	15.6	12.6	10.8	3.5	-2.1
10	-10.0	-29.6	-10.8	4.0	6.9	22.3	17.8	17.1	14.3	9.1	-1.6	-6.9
11	-14.8	-22.4	-12.1	6.9	7.6	18.2	17.6	17.5	12.9	8.0	-0.5	-7.9
12	-11.9	-15.2	-4.3	4.0	12.9	15.6	21.3	13.7	8.4	9.9	1.7	-10.3
13	-10.9	-18.4	-2.9	-0.9	18.5	15.0	23.8	16.2	7.8	6.8	2.7	-11.6
14	-11.1	-22.3	-6.9	2.0	20.3	14.4	23.2	19.7	13.0	5.6	6.9	-3.6
15	-15.8	-16.0	-11.0	-6.4	17.1	12.6	22.9	16.2	12.0	3.1	3.6	-0.5
16	-17.0	-21.9	-4.3	-1.6	17.9	11.3	22.0	17.2	12.5	1.9	6.6	-0.7
17	-9.5	-20.4	-2.6	0.1	16.6	12.0	23.1	17.7	11.9	7.0	5.6	-4.1
18	-17.4	-14.3	0.4	6.7	16.6	14.0	24.8	13.2	11.7	5.8	-0.5	-6.4
19	-20.4	-18.2	-1.2	9.2	16.3	13.0	23.7	16.9	14.5	6.1	-2.9	-15.2
20	-15.7	-23.1	0.4	7.9	12.6	13.3	25.9	22.0	14.9	-0.3	2.6	-17.5
21	-13.5	-22.0	-7.2	-1.6	7.9	13.7	25.5	22.5	13.9	0.1	0.1	-10.9
22	-5.7	-17.2	-14.0	1.6	5.7	19.4	24.6	19.1	8.7	-1.1	0.3	-11.6
23	-12.0	-20.1	-13.7	4.6	6.5	22.9	16.8	20.0	4.0	0.9	1.9	-17.8
24	-20.6	-10.5	-14.5	6.4	10.4	22.2	16.3	24.0	7.3	-0.2	0.9	-17.7
25	-12.3	-14.6	-14.9	15.0	12.4	22.9	18.2	20.5	11.7	0.8	-3.4	-18.3
26	-12.0	-20.6	-13.5	7.7	16.2	18.8	20.2	19.3	12.1	-1.1	-7.0	-12.0
27	-9.1	-19.9	-4.6	12.7	17.2	16.1	18.0	17.6	13.8	-1.8	-8.2	-10.3
28	-7.0	-9.4	1.5	18.0	14.4	21.9	20.4	19.3	16.0	1.3	-7.2	-13.3
29	-10.8		1.8	19.7	14.8	21.6	20.4	20.2	17.8	-0.3	-4.1	-12.8
30	-11.3		2.7	16.1	15.4	11.1	22.2	12.1	13.0	3.6	-4.8	-20.2
31	-13.3		-1.1		16.3		20.6	11.6		4.7		-18.9

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FOR / pour: **WINNIPEG INTL ARPRT, MB.**

YEAR / anne: **2001**

Meteorological Data for the year / donnees meteorologique pour l'annee												
Daily Snowfall / chutes de neige quotidiennes (cm)												
	Jan janv	Feb fevr	Mar mars	Apr avril	May mai	Jun juin	Jul juil	Aug aout	Sep Sept	Oct Oct	Nov Nov	Dec dec
1	TR			0.5								2.5
2	2.0	1.0										
3												
4				TR								
5	0.6	1.4								0.2		13.6
6	0.5	TR										TR
7	0.2	TR	TR								0.5	TR
8		TR									TR	TR
9												
10			2.0									0.2
11		TR										0.2
12		1.0	0.8									0.2
13		TR	0.4	8.0								TR
14	0.2	TR	TR									
15	1.0	1.6		0.8								
16	0.5			0.5								0.2
17	1.0											
18	0.2		1.8									
19	TR											
20	1.0											TR
21		2.4	1.0									0.2
22	TR	0.2	0.6							1.0		1.6
23	0.2		0.4							TR	TR	TR
24	TR	3.5	TR							2.0	TR	1.0
25		TR								TR	0.2	
26	TR	0.4									TR	0.4
27											TR	0.6
28											1.6	1.0
29			0.6								TR	0.2
30	TR		5.0							TR	5.5	TR
31	0.6		8.5									TR