

for pour WINNIPEG INT'L AIRPORT

YEAR ANNEE 1993

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 JUIL	JUL JUILL	AUG AOÛT	SEPT SEPT	OCT OCT	NOV NOV	DEC DÉC	YEAR ANNÉE
MEASURABLE RAIN PLUIE, MESURABLE	0	0	1	4	8	16	21	19	13	5	1	0	88
RAIN (Trace or More) PLUIE (Trace ou davantage)	2	1	8	6	15	21	23	20	18	10	1	2	127
MEASURABLE SNOW NEIGE, MESURABLE	10	1	4	0	0	0	0	0	0	4	9	9	37
SNOW (Trace or More) NEIGE (Trace ou davantage)	19	8	15	2	0	0	0	0	0	-8	21	19	92
MEASURABLE PRECIPITATION PRÉCIPITATION, MESURABLE	10	1	5	4	8	16	21	19	13	9	10	9	125
PRECIPITATION (Trace or More) PRÉCIPITATION (Trace ou davantage)	20	9	19	7	15	21	23	20	18	15	21	20	208
THUNDERSTORMS ORAGES	0	0	0	2	2	7	5	6	1	0	0	0	23
HAIL GRÊLE	0	0	0	0	0	0	0	0	0	0	0	0	0
ICE PELLETS GRANULES DE GLACE	1	0	0	1	0	0	0	0	0	0	0	0	2
FREEZING PRECIPITATION PRÉCIPITATION VERGLACANTE	3	1	0	0	0	0	0	0	0	0	1	2	7
FOG* BROUILLARD*	1	0	5	2	0	0	2	1	1	0	2	0	14
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 30°C OR MORE/OU PLUS	0	0	0	0	0	1	0	1	0	0	0	0	2
MAXIMUM TEMPERATURE TEMPÉRATURE MAXIMALE 0°C OR LESS/OU MOINS	29	23	13	0	0	0	0	0	0	2	17	30	114
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE 0°C OR LESS/OU MOINS	31	28	25	22	6	0	0	0	2	23	29	31	197
MINIMUM TEMPERATURE TEMPÉRATURE MINIMALE -15°C OR LESS/OU MOINS	24	21	10	0	0	0	0	0	0	0	6	17	78

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

AVIS: On ne compte les phénomènes de brouillard que lorsque la visibilité est ½ mille ou moins

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Year/Annee: 1993

METEOROLOGICAL DATA FOR THE YEAR / DONNEES METEOROLOGIQUES 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	.	.	.	.	.	.	6.0	1.6	2.0	0.2	0.4	1.6
2	0.6	.	.	.	.	.	.	6.0	0.4	.	0.2	1.0
3	0.2	.	TR	.	TR	.	3.6	0.2	4.0	1.0	TR	TR
4	TR	.	.	.	.	.	0.8	6.0	0.8	.	0.2	TR
5	0.2	.	.	.	.	0.2	6.4	.	0.8	.	0.2	2.6
6	TR	TR	TR	.	.	TR	4.8	.	TR	TR	TR	.
7	TR	TR	TR	.	11.8	4.2	TR	.	.	.	TR	.
8	TR	.	TR	TR	14.4	15.4	.	72.2	5.0	.	2.2	TR
9	TR	TR	3.2	.	6.6	0.4	6.0	.	.	.	1.6	TR
10	.	.	TR	.	.	TR	.	.	.	.	0.2	.
11	1.4	.	1.0	.	.	TR	TR	10.6	.	.	.	.
12	2.4	TR	.	5.4	.	15.8	0.4	4.2	1.6	.	.	.
13	TR	TR	TR	.	.	4.2	0.2	.	2.2	.	.	TR
14	TR	TR	TR	.	TR	1.8	.	59.0	TR	.	TR	TR
15	TR	TR	3.3	.	TR	.	2.2	.	.	TR	.	.
16	.	.	TR	.	.	6.2	11.2	.	TR	TR	TR	.
17	.	.	.	.	0.4	.	7.6	2.8	TR	2.4	.	.
18	.	.	.	.	TR	.	6.4	1.0	.	.	.	TR
19	.	.	0.4	.	TR	.	2.0	2.6	.	0.8	TR	0.6
20	1.6	.	TR	.	TR	6.8	.	.	.	0.4	TR	0.6
21	TR	TR	.	.	.	0.6	0.2	.	3.0	TR	TR	2.2
22	.	0.2	.	.	0.4	8.8	6.6	0.2	1.4	.	TR	TR
23	.	.	.	.	TR	3.8	1.2	TR	.	.	.	TR
24	TR	.	.	TR	.	0.8	24.2	.	.	.	.	1.2
25	2.6	.	TR	.	0.6	2.0	83.6	3.8	.	0.6	2.2	TR
26	0.4	.	TR	TR	.	0.4	6.8	0.8	0.4	TR	9.4	TR
27	4.4	.	TR	13.6	0.2	TR	12.4	8.2	TR	12.4	3.6	.
28	0.2	.	1.8	4.8	.	.	0.8	5.0	0.2	0.8	TR	2.8
29	.	.	.	0.4	0.4	TR	.	2.4	.	1.2	TR	.
30	.	.	TR	.	.	7.4	.	2.2	0.6	TR	.	0.4
31	.	.	TR	.	.	.	.	2.0	.	.	.	.
TOTAL	14.0	0.2	9.7	24.2	34.8	78.8	193.4	190.8	22.4	19.8	20.2	13.0

NOTE: TR = TRACE  
 . = ZERO VALUE

MISG = MISSING ENTRY  
 UNIT = mm

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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	.	.	.	.	.	.	6.0	1.6	2.0	.	.	.
2	.	.	.	.	.	.	.	6.0	0.4	.	.	TR
3	.	.	TR	.	TR	.	3.6	0.2	4.0	1.0	.	TR
4	.	.	.	.	.	.	0.8	6.0	0.8	.	0.2	.
5	.	.	.	.	.	0.2	6.4	.	0.8	.	.	.
6	.	.	TR	.	.	TR	4.8	.	TR	TR	.	.
7	.	.	TR	.	11.8	4.2	TR	.	.	.	.	.
8	.	.	TR	TR	14.4	15.4	.	72.2	5.0	.	.	.
9	.	TR	.	.	6.6	0.4	6.0	.	.	.	.	.
10	.	.	.	.	.	TR	.	.	.	.	.	.
11	.	.	.	.	.	TR	TR	10.6	.	.	.	.
12	.	.	.	5.4	.	15.8	0.4	4.2	1.6	.	.	.
13	.	.	.	.	.	4.2	0.2	.	2.2	.	.	.
14	.	.	.	.	TR	1.8	.	59.0	TR	.	.	.
15	.	.	.	.	TR	.	2.2	.	.	TR	.	.
16	.	.	.	.	.	6.2	11.2	.	TR	.	.	.
17	.	.	.	.	0.4	.	7.6	2.8	TR	.	.	.
18	.	.	.	.	TR	.	6.4	1.0	.	.	.	.
19	.	.	.	.	TR	.	2.0	2.6	.	0.8	.	.
20	TR	.	.	.	TR	6.8	.	.	.	0.4	.	.
21	TR	.	.	.	.	0.6	0.2	.	3.0	TR	.	.
22	.	.	.	.	0.4	8.8	6.6	0.2	1.4	.	.	.
23	.	.	.	.	TR	3.8	1.2	TR	.	.	.	.
24	.	.	.	TR	.	0.8	24.2	.	.	.	.	.
25	.	.	TR	.	0.6	2.0	83.6	3.8	.	0.6	.	.
26	.	.	TR	.	.	0.4	6.8	0.8	0.4	TR	.	.
27	.	.	TR	13.6	0.2	TR	12.4	8.2	TR	12.4	.	.
28	.	.	1.8	4.8	.	.	0.8	5.0	0.2	.	.	.
29	.	.	.	0.4	0.4	TR	.	2.4	.	.	.	.
30	.	.	.	.	.	7.4	.	2.2	0.6	TR	.	.
31	.	.	.	.	.	.	.	2.0	.	.	.	.
TOTAL	TR	TR	1.8	24.2	34.8	78.8	193.4	190.8	22.4	15.2	0.2	TR

NOTE: TR = TRACE  
 . = ZERO VALUE

MISG = MISSING ENTRY  
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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	-33.7	-6.6	-3.1	-6.8	0.1	1.9	13.8	13.7	12.0	-6.2	0.3	-5.3
2	-22.5	-4.4	-8.0	-6.2	-0.5	0.3	13.5	11.2	7.3	-6.5	-0.5	-9.2
3	-23.9	-9.8	-2.4	-5.8	7.0	1.6	15.2	7.7	7.7	1.7	-2.5	-13.7
4	-26.7	-10.8	-5.0	-1.1	1.7	2.8	16.9	11.5	5.9	-0.8	-6.2	-7.9
5	-25.0	-14.2	-6.6	0.0	5.2	10.3	12.1	8.3	6.3	1.1	-9.0	-12.5
6	-26.7	-13.0	-3.8	-0.3	11.8	6.5	10.3	8.7	4.9	3.0	-13.7	-14.9
7	-30.1	-18.7	-3.2	0.7	15.0	6.5	6.7	11.6	6.3	-5.0	-8.9	-14.2
8	-34.7	-19.9	-4.0	0.8	14.2	11.7	11.4	15.9	10.3	-8.7	-12.3	-15.2
9	-35.3	-18.5	-9.4	-3.4	9.8	13.4	11.3	16.0	5.9	-6.7	-14.4	-17.6
10	-34.7	-24.0	-19.2	-6.5	5.9	11.3	11.7	15.7	2.2	-1.7	-14.4	-24.1
11	-19.4	-26.8	-20.6	-1.3	9.9	16.0	8.9	18.3	8.6	-5.8	-2.7	-19.4
12	-10.4	-16.3	-21.9	2.2	4.6	17.1	10.6	11.2	4.7	-5.3	-4.2	-6.6
13	-19.9	-20.2	-24.9	0.0	7.3	13.3	6.9	8.9	2.7	-1.7	-9.7	-9.1
14	-23.0	-21.0	-19.6	-3.3	0.9	6.3	8.0	15.7	3.5	-5.5	-6.8	-12.8
15	-25.3	-27.4	-12.8	-5.8	0.0	5.6	11.8	14.3	2.9	0.0	-7.2	-5.2
16	-20.8	-29.6	-23.2	-2.3	-1.7	10.6	15.7	11.0	4.6	-2.1	-3.5	-8.3
17	-24.2	-27.8	-25.1	-4.5	0.1	6.2	16.6	15.7	1.0	0.2	-8.8	-3.8
18	-19.3	-20.2	-17.1	-4.7	-1.9	7.1	13.8	12.2	4.3	-0.1	-2.8	-6.1
19	-19.7	-23.7	-9.6	-8.6	3.9	9.1	12.3	13.1	4.6	-0.1	-9.8	-16.5
20	-9.3	-23.0	-19.2	-6.8	2.9	11.3	10.5	10.6	7.4	0.8	-8.1	-22.0
21	-6.3	-21.7	-20.8	0.7	-3.3	15.8	10.6	13.4	7.7	-0.5	-15.3	-16.4
22	-12.5	-25.0	-12.5	-2.4	11.0	16.8	16.9	19.2	4.0	-2.3	-18.3	-25.1
23	-14.9	-28.4	-4.5	4.0	9.5	16.0	15.5	18.1	3.5	2.3	-21.6	-24.1
24	-22.9	-24.5	-0.1	-6.4	4.7	12.3	17.5	16.6	6.3	2.5	-21.2	-25.5
25	-23.5	-23.9	0.6	-10.0	2.7	10.4	18.0	14.9	6.4	3.2	-12.2	-31.2
26	-21.3	-21.4	0.6	-1.4	-2.6	8.9	16.6	13.8	1.0	-2.6	-5.7	-32.6
27	-21.7	-17.7	0.9	5.4	7.4	8.2	15.3	12.5	2.6	-3.1	-10.7	-29.9
28	-23.5	-10.9	0.7	3.1	1.0	9.1	14.1	12.3	-0.6	-3.6	-16.8	-24.3
29	-22.5		0.2	0.5	5.5	11.3	12.8	9.6	-1.7	-8.1	-19.9	-23.6
30	-6.4		0.1	-0.3	2.6	11.8	17.9	9.2	2.5	-9.1	-12.4	-16.6
31	-5.8		-4.4		0.9		13.5	5.6		-4.5		-25.4
MEAN	-21.5	-19.6	-9.6	-2.4	4.4	9.7	13.1	12.8	4.8	-2.4	-10.0	-16.7

NOTE: UNIT = °C

MISG = MISSING ENTRY

for/pour WINNIPEG INT'L AIRPORT

YEAR/ANNÉE: 1993

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	127.8	47.8	6	119.7	16.6	S	18.0	NW	S 50	19	S 65	19	
FEB/FÉVR	179.9	63.8	1	139.9	15.2	S	17.0	S	S 46	8	S 58	27	
MAR/MARS	167.2	45.5	6	177.7	19.1	S	18.0	S	S 50	18	S 72	18	
APR/AVR	231.7	56.1	2	232.4	14.0	SSE	20.0	N	S 43	26	S 63	26	
MAY/MAI	251.3	52.7	2	276.8	16.9	N	19.0	S	WNW 46	9	SE 67	7	
JUN/JUIN	240.6	49.2	4	290.6	18.3	S	17.0	S	S 56	12	WSW 82	20	
JUL/JUILL	220.1	44.7	4	321.7	14.9	S	15.0	S	SSE 41	22	S 67	22	
AUG/AOÛT	234.2	52.2	0	285.9	14.3	S	15.0	S	SE 56	17	SSE 93	17	
SEPT/SEPT	182.4	48.1	4	189.3	17.7	NW	18.0	S	NW 46	9	S 67	30	
OCT/OCT	127.8	38.3	3	149.8	18.5	S	19.0	S	NNW 54	28	NW 74	28	
NOV/NOV	74.4	27.3	11	94.9	19.4	S	18.0	S	S 50	30	NW 78	19	
DEC/DÉC	66.7	26.4	14	98.6	17.9	S	17.0	S	N 56	24	N 69	24	
YEAR ANNÉE	2104.1	46.0	57	2377.3	16.9	S	17.6	S	S 56	JUN 12	SSE 93	AUG 17	

\*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	101.53	9	97.29	16	98.87	102.25	104.85	9	100.26	21	102.10
FEB/FÉVR	99.28	100.96	10	97.76	28	98.95	102.35	104.16	10	100.76	28	102.01
MAR/MARS	99.02	100.78	12	97.57	7	98.78	102.03	103.93	12	100.43	15	101.87
APR/AVR	98.73	100.00	1	97.15	23	98.64	101.63	103.02	1	99.99	23	101.55
MAY/MAI	98.59	99.58	1	96.72	22	98.48	101.49	102.53	1	99.52	22	101.44
JUN/JUIN	98.31	99.61	18	96.64	8	98.29	101.17	102.52	18	99.47	8	101.17
JUL/JUILL	98.24	99.50	20	95.52	4	98.45	101.09	102.41	20	98.28	4	101.33
AUG/AOÛT	98.51	99.56	20	97.07	23	98.48	101.37	102.45	20	99.86	23	101.35
SEPT/SEPT	98.46	99.79	29	96.55	12	98.55	101.36	102.88	28	99.35	12	101.41
OCT/OCT	98.57	100.02	9	95.70	28	98.53	101.51	103.04	8	98.56	27	101.45
NOV/NOV	98.69	100.80	17	96.61	21	98.66	101.69	103.95	24	99.50	21	101.65
DEC/DÉC	98.61	100.35	27	96.34	12	98.79	101.66	103.58	27	99.27	12	101.86
YEAR ANNÉE	98.68	101.53	JAN 9	95.52	JLY 4	98.62	101.63	104.85	JAN 9	98.28	JLY 4	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 1961-1990  
2. \* Indicates first of more than one occurrence/Indique le premier de plusieurs