



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS JUNE 19 94
AT/A WINNIPEG INT'L AIRPORT

LAT		049° 054' N		LONG		097° 017' W		ELEVATION ALTITUDE		240		METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL															
DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRÉS-JOURS			REL HUMIDITY HUMIDITÉ REL		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT		BRIGHT SUNSHINE IRRADIATION EFFECTIVE															
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE		MAX & MIN MEAN SPEED & DIRECTION VITESSE MOYENNE MAX & MIN & DIRECTION	HOURS HEURES													
	°C	°C	°C	BASE 18°C	BASE 5°C	BASE 18°C	%	%	mm	mm	mm	mm/h	mm/h	mm/h	mm/h	mm/h	mm/h														
1	21.1	5.1	13.1	4.9	8.1		87	43						8.7	NE	E 17	11.8														
2	23.9	9.6	16.8	1.2	11.8		59	35		TR				16.2	SSE	SSE 28	10.1														
3	26.4	13.7	20.1		15.1	2.1	67	32						20.3	S	WSW 32	14.5														
4	26.6	10.0	18.3		13.3	0.3	82	37						3.4	S	S 19	8.1														
5	27.9	11.3	19.6		14.6	1.6	88	35		TR				6.6	NNE	WNW 30	9.8														
6	23.3	13.1	18.2		13.2	0.2	94	33		0.4		0.4		19.6	N	NNE 30	10.8														
7	22.6	8.5	15.6	2.4	10.6		82	25						16.3	E	ENE 28	14.6														
8	23.2	9.8	16.5	1.5	11.5		66	25						18.3	SSE	SSE 28	12.2														
9	19.2	10.9	15.1	2.9	10.1		88	51		5.2		5.2		19.7	ESE*	SSE 37	4.6														
10	17.0	11.4	14.2	3.8	9.2		100	77		11.4		11.4		11.1	ESE	E 22	1.5														
11	22.4	10.9	16.7	1.3	11.7		100	56		TR		TR		13.8	NW	NW 30	7.7														
12	25.8	12.6	19.2		14.2	1.2	82	39						13.4	W	W 22	10.6														
13	23.7	13.0	18.4		13.4	0.4	94	53		4.4		4.4		11.8	N	NNE 24	6.1														
14	24.8	15.4	20.1		15.1	2.1	94	56	1	1.8		1.8		18.9	S*	WSW 30	10.7														
15	19.8	11.7	15.8	2.2	10.8		82	49						21.6	WSW	WSW 33	6.7														
16	22.9	11.1	17.0	1.0	12.0		88	43						3.6	S	S 11	6.5														
17	23.5	12.5	18.0		13.0		94	50						6.4	W	NW 22	10.0														
18	21.7	9.2	15.5	2.5	10.5		93	46	1	0.8		0.8		7.6	W*	NW 15	11.9														
19	24.5	15.0	19.8		14.8	1.8	88	65	1	3.1		3.1		13.1	E	SE 22	3.0														
20	26.0	16.4	21.2		16.2	3.2	94	37						19.2	NW	W 33	15.1														
21	26.4	13.9	20.2		15.2	2.2	88	45		TR		TR		11.5	W	SW 24	5.2														
22	28.1	10.2	19.2		14.2	1.2	100	32						7.8	M*	N 19	13.3														
23	29.3	11.4	20.4		15.4	2.4	88	31	1	2.4		2.4		11.3	W	WSW 22	14.0														
24	29.2	14.9	22.1		17.1	4.1	88	42						13.0	N	N 20	12.9														
25	21.9	15.0	18.5		13.5	0.5	94	69	1	10.5		10.5		11.6	WSW	SW 28	1.8														
26	24.7	13.6	19.2		14.2	1.2	94	57		0.4		0.4		12.1	S	NW 22	10.9														
27	20.1	14.2	17.2	0.8	12.2		94	73		30.2		30.2		12.9	SSE	SSE 26	3.4														
28	24.4	12.1	18.3		13.3	0.3	94	64		0.6		0.6		24.4	NW	N 41	3.2														
29	20.1	11.2	15.7	2.3	10.7		94	56						14.1	NW	SE 28	8.5														
30	22.6	12.2	17.4	0.6	12.4		94	57	1	8.8		8.8		24.3	WNW	WNW 35	4.6														
31																															
MEAN MOYENNE	23.8	12.0	17.9	TOTAL 27.4	TOTAL 387.4	TOTAL 24.8	88	47	TOT 6	TOTAL 80.0	TOTAL 0.0	TOTAL 80.0		13.8	PREVAILING DIRECTION DOMINANTE W	MAXIMUM N 41	TOTAL 264.1														
NORMAL NORMALE	23.4	10.4	16.9	69.0	357.8	36.8			6	83.8	TR	83.8		17.0	S		290.6														
DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS										DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS TOTALES					DAYS WITH SNOWFALL JOURS AVEC CHUTE DE NEIGE																
BELOW 18°C AU-DESSOUS DE 18°C		THIS YEAR ANNÉE EN COURS		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE		ABOVE 5°C AU-DESSUS DE 5°C		THIS YEAR ANNÉE EN COURS		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE		02 OR MORE - OU PLUS		18 OR MORE - OU PLUS		180 OR MORE - OU PLUS		300 OR MORE - OU PLUS		62 OR MORE - OU PLUS		180 OR MORE - OU PLUS		280 OR MORE - OU PLUS		300 OR MORE - OU PLUS	
TOTAL FOR MONTH TOTAL DU MOIS		27.4		103.1		69.0		TOTAL FOR MONTH TOTAL DU MOIS		387.4		313.8		357.8		13		9		8		3		0		0		0		0	
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET		5986.6		5963.7		5874.1		ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL		663.5		536.4		625.9		13		9		8		3		0		0		0		0	

UDC 561.506.1 () Note/Aviz 1. Climatological Day/Journée climatologique 00 01 C.S.T. - 2300 C.S.T.
 2. Normal/Normale 1981-1990
 3. TR = Trace
 4. M = Missing/Manquant
 5. No entry/Pas de valeur = No occurrence/Pas d'événement
 6. * Indicates first of more than one prevailing direction and/or maximum 2 minute mean speed (see page 4)/Indique la première de plusieurs des directions dominantes et/ou la vitesse moyenne maximale sur 2 minutes (voir page 4).
 7. C = Calm/Calm \$10.0 \$59.00 \$10.0 \$59.00
 8. Price: single issue _____ annual (Jan to Dec.) _____ /Prix: numéro individuel _____ annual (jan à déc.) _____



Temperature/Température Precipitation/Precipitation Rondeur/Hauteur de pluie Speed/Vitesse du vent Wind speed/Vitesse du vent Station pressure/Pression à la station	- ° Celsius		- Millimètres/millimètres (mm)		- Centimètres/centimètres (cm)		- Kilomètres/h / kilomètres/h (km/h)		- Kilopascals (kPa)		THIS MONTH CE MOIS-CI	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS					
	HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			YEAR ANNÉE	YEAR ANNÉE	YEAR ANNÉE	YEAR ANNÉE									
	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE													
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE	29.3	23	30.2	11			38.3	23	1900								122		
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE	5.1	1	0.3	2											-6.1	1	1888	122	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	17.9		15.5				16.9	22.0	1988	12.3							1969	122	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	80.0		78.8				83.8	255.8	1901	3.3							1961	122	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	0.0		0.0				TR	1.3	1875	0.0							SVRL	122	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	80.0		78.8				83.8	255.8	1901	3.3							1961	122	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	13		16				12	20	1901	3							1961	122	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	30.2	27	15.8	12				152.4	26	1901								122	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	0.0	0	0.0	0				1.3	1	1875								122	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	30.2	27	15.8	12				152.4	26	1901								122	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:																			
5 MINUTES	3.2	30	2.1	12				13.2	20	1983								41	
10 MINUTES	5.4	27	4.3	12				19.0	21	1984								41	
15 MINUTES	7.4	27	6.4	12				22.8	21	1984								41	
30 MINUTES	12.6	27	8.6	12				39.5	21	1984								41	
60 MINUTES	18.1	27	14.3	12				56.2	21	1984								41	
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES	30.2	27	15.8	12				152.4	26	1901								122	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	14.2		18.3				17.0	23.0	1965	13.4							1928	73	
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)	N 41	28	S 56	12				N 90	7	1954								55	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	NNW 54	28	WSW 82	20				NNW 127	29	1967								47	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	264.1		240.6				290.6	376.0	1974	172.8							1925	112	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	98.31		98.31				98.29	98.60	1961	97.86							1973	55	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	99.80	4	99.61	18				100.37	1	1967								55	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	96.36	14	96.64	8						94.86					7	1954		55	

CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST YEARS
DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES ANNÉES DERNIÈRES

YEAR ANNÉE	MAXIMUM TEMP. MAXIMALE	MINIMUM TEMP. MINIMALE	MEAN TEMP. TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. TOTALE	MEAN WIND SPEED VITESSE MOYENNE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	SUNSHINE HOURS HEURES INSOLATION	HEATING DEGREES-DAYS DEGRES-JOURS DE CHAUFFE	CROWING DEGREES-DAYS DEGRES-JOURS DE CROISSANCE	COOLING DEGREES-DAYS DEGRES-JOURS DE REFRIGERATION	RAINFALL APRIL 1
1985	27.4	2.3	14.0	67.4	TR	67.4	16.7	NNW 54	228.8	155.9	270.6	0.0	138.8
1986	32.6	3.4	16.8	59.2	0.0	59.2	14.6	NNW 54	303.5	64.0	355.4	0.0	170.7
1987	35.0	2.2	19.0	55.2	0.0	55.2	15.4	W 39	366.5	39.9	419.2	68.6	87.6
1988	37.2	6.2	22.0	94.9	0.0	94.9	16.4	NNW 52	361.9	11.6	511.5	133.1	125.2
1989	30.6	-0.8	16.5	150.2	0.0	150.2	14.5	NNW 46	278.7	70.6	343.7	24.3	185.0
1990	29.2	1.3	17.6	143.1	0.0	143.1	14.4	NNE 57	291.4	54.7	377.7	42.4	186.0
1991	30.2	6.9	18.9	131.2	0.0	131.2	18.4	SSE 56	276.9	16.5	418.8	45.3	241.9
1992	32.4	0.7	14.9	58.8	0.0	58.8	14.8	NNW 37	213.0	115.6	298.3	23.9	104.4
1993	30.2	0.3	15.5	78.8	0.0	78.8	18.3	S 56	240.6	103.1	313.8	26.9	137.8
1994	29.3	5.1	17.9	80.0	0.0	80.0	14.2	N 41	264.1	27.4	387.4	24.8	162.1

Note/Aviz 1. Climatological Day/Journée climatologique - 001 C.S.T. - 230 C.S.T.
 2. Normal/Normale 1981-1988
 3. Extremes for period of record/Extrêmes pour la période de registre
 4. Maximum rainfall recorded in: may overlap calendar days/Hauteur de pluie maximale enregistrée etc. peut-être pour plus d'une journée du calendrier
 5. -- indicates most recent occurrence/indique le plus récent
 6. * indicates first of more than one occurrence/indique le premier de plusieurs

DRY BULB TEMPERATURE SUMMARY
 SOMMAIRE DES TEMPERATURES DU THERMOMETRE SEC

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HR	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN	
D	98	84	68	73	66	74	79	112	142	160	174	188	195	193	186	195	205	204	207	199	175	138	128	138	145	
A	128	117	104	108	106	97	110	141	163	189	201	211	214	213	225	239	229	227	225	219	210	193	182	186	177	
T	3	183	178	171	162	157	151	148	159	182	197	221	245	248	258	260	259	246	255	254	245	245	211	167	155	
E	4	137	121	122	110	106	109	127	166	208	225	235	238	246	253	260	264	260	251	248	234	222	205	192	161	
	5	153	145	131	134	121	115	143	172	197	235	250	258	265	277	278	272	265	254	244	188	186	178	170	201	
	6	175	177	159	142	146	151	170	179	182	185	198	200	221	214	211	216	225	227	226	209	189	183	170	187	
	7	159	144	98	102	108	105	134	140	175	189	196	206	215	219	222	223	220	215	208	198	186	162	149	172	
	8	140	129	118	110	101	103	116	125	155	173	185	196	207	215	219	225	221	217	214	193	176	160	147	170	
	9	146	136	128	117	110	116	130	114	116	131	128	153	174	184	182	148	172	172	179	174	165	161	155	148	
	10	144	138	129	126	120	118	122	127	130	134	146	161	169	150	147	151	160	160	157	159	142	138	131	134	
	11	132	125	126	121	112	118	128	140	178	186	187	196	205	205	209	205	210	207	204	190	171	162	157	168	
	12	153	145	138	141	133	129	147	164	193	210	222	229	245	242	246	253	249	238	209	184	175	167	166	193	
	13	162	159	151	142	141	130	137	151	157	164	171	184	197	213	232	228	227	226	214	199	183	187	182	182	
	14	173	183	191	186	180	178	182	189	205	207	219	225	236	244	235	231	219	223	217	202	194	177	166	201	
	15	154	139	130	131	122	119	121	136	158	166	169	177	181	186	183	189	188	184	181	176	168	157	146	159	
	16	134	126	130	128	124	115	120	130	168	178	186	191	198	206	221	228	218	221	211	203	199	189	167	172	
	17	157	152	138	129	129	134	149	171	185	211	218	222	223	222	228	215	229	226	219	206	186	173	161	184	
	18	149	129	119	110	101	95	109	132	170	181	188	197	200	203	210	209	207	215	201	190	185	171	162	166	
	19	164	166	164	155	157	160	166	171	182	199	216	218	222	222	220	223	229	239	241	231	219	211	198	198	
	20	199	195	195	200	192	184	185	202	214	219	224	232	236	237	248	255	257	254	253	243	217	203	196	174	
	21	175	166	158	150	151	141	163	185	238	248	255	264	249	231	224	219	212	209	205	196	193	186	173	200	
	22	167	135	132	110	108	128	133	150	205	225	246	258	270	276	266	278	273	271	258	232	204	175	180	202	
	23	171	163	138	133	129	129	163	194	247	265	277	279	286	289	288	284	288	284	271	252	235	217	198	225	
	24	184	176	173	170	160	154	159	187	235	250	264	271	277	285	272	285	275	272	257	237	216	204	178	223	
	25	162	151	169	166	168	178	167	166	189	192	196	192	187	195	218	170	198	191	193	177	179	173	173	180	
	26	171	169	160	153	142	140	147	157	187	197	202	215	228	231	237	245	245	237	231	222	210	201	191	195	
	27	188	191	185	182	187	188	186	194	193	193	189	193	183	159	185	195	190	193	200	182	163	155	143	182	
	28	154	163	166	167	167	168	171	174	177	184	200	215	226	222	242	232	218	207	192	182	159	140	128	187	
	29	125	125	122	122	116	117	117	129	140	150	155	170	168	173	179	181	193	200	196	179	171	166	160	156	
	30	149	145	144	143	138	135	134	140	185	200	192	190	209	219	224	222	211	200	191	182	165	153	137	174	
MEAN	156	149	142	137	133	132	141	156	172	189	200	210	216	220	222	225	225	224	222	213	198	185	173	164	184	
MOYENNE																										

*TEMPERATURES IN TENTHS OF DEGREES CELSIUS
 *TEMPERATURES EN DIXIEME DEGRES CELSIUS

DEU POINT SUMMARY
 SUMMARY DES TEMPERATURES DE ROSEE

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HOUR ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MEAN
D	58	57	48	51	45	50	62	82	98	93	97	93	100	84	92	89	87	89	78	66	65	77	68	25	73
A	20	9	8	7	9	19	30	32	44	50	65	65	69	77	75	81	74	72	72	64	47	81	99	65	51
T	45	37	37	30	27	43	60	70	103	109	114	97	88	88	89	76	73	80	89	86	76	69	76	80	73
E	83	78	78	76	72	74	86	102	124	116	116	110	104	101	108	103	106	141	142	144	133	136	134	120	108
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	145
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	145
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	116
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	51
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	39
	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	96
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	121
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	111
	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	111
	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	111
	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	111
	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	111
	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	111
	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	111
	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	111
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	111
	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	111
	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	111
	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	111
	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	111
	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	111
	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	111
	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	111
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	111
	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	111
	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	111

MEAN 109 106 105 103 101 102 108 118 125 126 127 124 122 119 119 116 115 116 112 113 114 114 114 116 111 114

MOYENNE 109 106 105 103 101 102 108 118 125 126 127 124 122 119 119 116 115 116 112 113 114 114 114 116 111 114

*TEMPERATURES IN TENTHS OF DEGREES CELSIUS
 *TEMPERATURES EN DIXIEME DEGRES CELSIUS

HOUR ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DIR.	PEAK WIND SPEED	TIME
D	N	NW	NW	NW	NW	NW	N	NNE	ENE	NE	NE	NE	E	NE	ENE	E	E	ESE	NE	ENE	SE						
A	4	9	4	9	9	7	7	13	6	6	15	17	17	11	11	6	6	9	7	6	9	6					
Y																											
O	9	13	11	11	13	13	7	15	15	13	13	13	19	20	28	24	28	24	26	19	17	11	11	15			
F	SSE	S	S	S	S	S	S	SSW	S	S	SSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	44	
M	26	30	20	26	28	22	22	24	22	22	15	20	32	30	32	26	22	26	17	11	9	4	0	0		14:00	
H	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			
T	0	0	0	0	0	4	0	0	4	0	2	0	6	0	4	11	19	11	6	4	0	6	4				
H	C	NNE	NE	NE	NE	NNE	NNE	NNE	NNE	N	NNE	NW	C	C	NNE	C	NNE	NE	N	NNE	C	NW	C	NW	WNW	43	
	0	7	4	6	7	6	4	9	6	7	7	6	0	0	4	0	9	17	9	30	11	4	0	6		19:00	
	WNW	WNW	WNW	N	NNE	N	N	N	N	N	N	NNE	NE	ENE	NE	ENE	ENE	ENE	ENE	ENE	E	ESE	ESE	ESE	NE	43	
	11	17	20	9	19	11	13	15	11	22	28	30	28	26	26	30	26	24	22	22	17	15	13	13		12:00	
	ESE	E	NNE	ENE	ENE	ENE	E	E	E	ENE	E	ENE	E	ENE	NE	ENE	ENE	E	E	ESE	ESE	ESE	ESE	ESE	E	37	
	9	7	9	6	7	7	7	17	20	13	17	11	20	22	19	24	22	28	17	24	22	20	20	15	15		11:00
	ESE	ESE	ESE	SSE	SSE	ESE	ESE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ESE	S	SSE	SSE	S	SSE	SSE	SSE	SE	SE	ESE	48	
	17	17	22	19	13	11	15	19	17	19	19	17	28	26	26	28	19	20	22	20	6	11	13	15		12:00	
	SE	SSE	ESE	SE	SE	SSE	SSE	NE	SSE	E	SE	ESE	ESE	SE	SSE	SE	ESE	E	ESE	E	ESE	ESE	E	SE	ESE	48	
	17	20	13	15	6	11	6	22	9	19	20	28	32	28	37	22	26	24	19	28	15	19	20	17		12:00	
	ESE	ESE	SE	ESE	ESE	ESE	ESE	SE	SE	E	E	ESE	E	C	ENE	NE	ENE	E	ENE	C	N	N	N	N			
	11	15	15	15	13	11	6	13	15	6	19	13	17	22	0	11	11	15	13	7	0	6	7	6			
	N	N	NNE	NNE	WNW	NW	NW	NW	NW	N	NW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	43	
	9	6	6	6	6	7	6	9	11	22	15	9	26	28	30	15	24	15	13	13	9	13	17	15		13:00	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			
	15	11	15	22	15	15	20	13	13	11	22	20	19	19	4	11	15	9	15	13	7	7	7	4			
	N	N	N	N	N	N	N	N	NNE	NE	NNE	NE	NE	E	NE	ESE	SSE	S	SE	SE	SSE	ESE	ESE	SE			
	6	0	9	7	9	9	22	20	15	24	19	7	4	6	4	9	6	7	19	9	15	17	24	15			
	SE	SSE	S	SSE	S	SSE	S	SSW	SSW	WSW	S	SSE	WSW	M	WSW	SW	WSW	WSW	WSW	SW	SW	SW	SW	SW	WSW	44	
	20	17	20	22	13	15	11	7	17	11	11	24	20	15	15	6	22	30	30	26	24	20	30	28		18:00	
	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	44	
	30	32	24	33	24	24	28	15	24	30	26	30	24	28	28	22	22	22	15	11	4	9	9	15	11		03:00
	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	33	
	NW	C	S	S	S	S	C	N	C	SSW	C	C	C	C	C	SW	SW	S	S	C	C	NE	ENE	NNE	ENE		
	4	0	9	11	6	0	6	0	2	0	0	0	0	0	4	11	4	4	4	0	0	6	7	4	9		

* Peak wind estimated.
* Peak wind time is hour of occurrence.

HOUR ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DIR.	PEAK WIND SPEED	TIME																				
D	NE	NNE	NNW	NNE	C	C	NNE	C	C	W	S	WSW	W	C	NNW	W	NNW	NNW	NNW	W	W	WSW	W	NW																							
A	7	4	4	6	0	0	6	0	0	4	4	9	4	0	6	11	22	15	9	9	4	7	7	15																							
Y	NNW	W	NNW	NNW	W	NW	W	C	NNW	NNW	NNW	N	NNE	W	C	NNW	C	C	C	C	NE	ENE	NE	E																							
O	13	9	11	11	9	11	4	0	4	11	15	6	4	13	7	0	7	0	0	0	15	9	11	13																							
F	E	E	E	ENE	E	E	ESE	E	ESE	ESE	ESE	SE	ESE	E	SE	ESE	E	ESE	SE	SSE	SSW	NNW	SW	C																							
M	9	7	11	9	11	15	17	20	17	19	19	11	13	13	19	15	13	19	22	9	6	4	17	0																							
N	NNW	WSW	WSW	WSW	WSW	W	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	W	W	W	W	NW	48	11:00																				
T	4	7	11	13	9	17	22	22	19	26	32	33	33	28	28	28	28	24	24	19	7	7	13	0																							
H	WSW	WSW	W	W	W	WSW	W	W	W	W	W	W	W	W	WSW	SW	WSW	WSW	SW	SW	SW	WSW	C	C																							
	11	9	15	17	9	13	9	13	9	9	11	11	13	9	15	19	11	19	24	19	7	7	0	0																							
21	W	C	NW	N	NNE	N	ENE	NNE	E	ENE	ENE	NNE	ENE	N	NNE	N	N	NNE	NNW	NNW	NNW	NNW	NNW	NNW																							
22	W	C	NW	N	NNE	N	ENE	NNE	E	ENE	ENE	NNE	ENE	N	NNE	N	N	NNE	NNW	NNW	NNW	NNW	NNW	NNW																							
23	W	C	C	C	SSE	SSW	SSW	SSW	SW	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	S	S	SSW	NNE																							
24	SSE	S	S	S	SW	W	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N																							
25	C	NNE	C	ENE	SSW	W	SW	ESE	W	WSW	WSW	WSW	SSW	W	WSW	NNW	N	N	N	N	N	N	N	N																							
26	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	N	ENE	E	C	S	SSW	S	SSW	S	S	S	S	S	S																							
27	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSW	W	W	W	W	SW	SW	C	SSW	WSW	W	NNW																							
28	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	54	16:00																				
29	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	ENE	ENE	NE	ENE	ESE	ESE	ESE	ESE	SSE	S	SE	SSE	SE																							
30	SSE	SSE	SE	NW	SE	E	SE	SE	S	SSW	WSW	W	NNW	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	50	15:00																				
	20	26	28	15	19	19	20	22	24	30	20	22	30	28	30	35	32	28	24	17	15	28	22	30																							
EQUAL TO OR OVER		----->																						10	15	20	25	30	35	40	45	50	55	60	65	70	WINDSPEED IS										
NUMBER OF HOURS		----->																						457	325	178	82	36	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IN KM/HR	
NUMBER OF DAYS		----->																						30	29	25	16	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MAX CONSECUTIVE HOURS		----->																						38	25	15	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

* Peak wind estimated.
* Peak wind time is hour of occurrence.

Hourly Relative Humidity at:
Humidite Horaire a:

Winnipeg Int'l Airport

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
D 1	77	84	88	86	87	85	89	82	75	65	61	54	55	50	55	51	47	48	44	42	49	67	67	47	65	
A 2	48	48	52	50	52	59	58	48	46	40	42	39	40	42	39	37	37	38	38	37	35	49	59	46	45	
T 3	41	40	41	42	42	49	56	56	60	57	51	40	40	37	34	32	34	33	36	37	40	40	55	61	44	
E 4	70	75	75	80	80	79	77	66	59	51	48	45	41	39	39	37	39	44	52	57	58	65	70	77	60	
5	79	81	88	85	88	93	87	80	70	56	47	42	40	37	37	38	40	44	47	71	77	78	82	86	66	
6	84	85	89	91	88	90	90	87	84	81	79	73	67	54	55	56	50	47	25	28	38	43	44	50	67	
7	58	68	78	82	81	84	67	64	61	58	54	48	40	36	32	27	25	26	28	29	33	37	42	47	44	
8	45	47	51	55	61	65	61	63	60	54	52	46	40	37	32	27	25	26	28	29	33	37	42	47	44	
9	48	53	57	63	66	63	64	77	84	79	81	81	67	81	67	87	84	78	77	78	81	79	79	95	88	
10	84	87	86	87	86	87	86	90	92	93	90	86	79	81	90	89	88	87	83	86	89	93	95	95	88	
11	96	96	97	100	99	95	97	94	91	77	75	72	67	65	60	69	58	58	58	62	67	74	78	80	79	
12	82	83	85	85	77	82	75	69	61	60	52	50	45	44	40	39	41	41	41	52	71	72	75	82	62	
13	79	84	84	89	90	94	92	88	85	82	81	77	71	63	61	57	56	54	55	63	73	85	83	82	76	
14	89	87	90	89	90	90	90	92	88	83	81	80	77	69	70	65	65	65	60	56	59	66	71	76	61	
15	57	60	63	64	69	72	72	72	64	59	57	57	53	51	50	50	51	51	53	56	59	66	71	76	61	
16	81	86	85	81	81	84	84	86	78	65	62	61	61	60	57	49	47	47	45	45	49	52	63	68	66	
17	71	76	84	87	90	89	88	89	79	71	62	57	54	49	56	60	57	57	55	56	62	69	75	75	69	
18	82	83	87	87	90	91	89	84	75	65	60	55	55	52	51	49	49	50	48	53	58	57	64	73	72	
19	68	69	68	78	80	78	79	72	71	71	71	68	67	68	68	68	68	66	67	67	72	78	83	92	65	
20	92	93	92	90	92	93	94	88	75	67	55	48	46	42	42	39	40	42	40	43	54	57	59	68	65	
21	67	71	75	74	73	76	72	65	59	50	47	46	43	48	65	61	70	63	63	66	73	77	82	86	66	
22	90	91	97	94	93	94	99	100	99	79	66	52	41	36	35	37	34	36	36	44	52	59	71	82	67	
23	65	64	77	83	86	82	88	64	56	45	38	35	37	34	32	32	35	35	35	40	46	51	62	75	53	
24	83	86	87	86	88	88	88	88	84	67	58	48	45	44	44	48	45	46	42	49	49	61	68	77	66	
25	83	87	87	84	85	79	87	93	84	86	85	77	77	84	83	71	89	78	82	79	86	90	91	93	84	
26	93	94	94	91	90	88	84	83	83	80	79	76	73	65	65	64	59	60	63	64	69	75	78	84	77	
27	85	85	86	86	82	82	83	80	81	83	88	88	94	95	94	89	76	76	72	73	83	85	86	92	84	
28	94	95	96	96	96	95	94	92	93	88	83	76	67	69	64	63	67	67	67	69	75	80	86	89	82	
29	89	89	90	89	90	91	90	86	81	77	84	80	77	70	64	62	58	58	58	62	72	75	77	74	75	
30	82	83	84	87	91	91	93	92	90	84	81	80	77	70	63	59	55	60	63	69	75	78	81	79	78	
Mean	75	78	80	81	82	83	82	80	76	69	65	61	58	56	55	53	53	53	53	56	61	66	71	73	68	
Moyenne																										

Note/AVIS: 1. Climatological Day/Journee Climatologique 0001 C.S.T. - 0000 C.S.T.
2. Hours are C.S.T./Les heures sont a l'heure normale de la localite
3. Unit/Unite = percent/pour cent

1. Clear becoming cloudy by early afternoon and clearing late night. Maximum temperature near normal, minimum temperature slightly below normal. Winds light.
2. Clear becoming cloudy by late afternoon with early evening showers. Temperatures near normal. Winds light becoming moderate by early afternoon.
3. Variable cloud overnight clearing late night. Temperatures above normal. Moderate winds with strong gusts by early afternoon decreasing to light by late afternoon.
4. Clear becoming cloudy by late morning. Maximum temperatures above normal, minimum temperatures near normal. Winds light.
5. Clearing overnight with increasing cloud by early morning and late evening shower. Maximum temperatures above normal, minimum temperatures near normal. Winds light except moderate with strong gusts in showers.
6. Cloudy with showers overnight clearing by late afternoon. Maximum temperature near normal, minimum temperature above normal. Winds light increasing to moderate by late morning with strong gusts in early afternoon decreasing to light by early evening.
7. Variable cloud. Temperatures near normal. Winds light increasing to moderate near noon and decreasing to light by early evening.
8. Variable cloud. Temperatures near normal. Winds light increasing to moderate near noon and decreasing to light by early evening.
9. Increasing cloud by early morning with showers ending in early evening. Maximum temperature slightly below normal, minimum temperature near normal. Winds light increasing to moderate in showers with strong gusts and decreasing to light by early evening.
10. Cloudy with showers all day. Maximum temperature below normal, minimum temperature near normal. Winds light.
11. Cloudy then clearing by early evening. Temperatures near normal. Winds light increasing to moderate by noon and to light by late afternoon.
12. Clear becoming cloudy by late morning. Temperatures slightly above normal. Winds light.
13. Mainly cloudy with rain beginning early evening. Maximum temperature near normal, minimum slightly above normal. Winds light.
14. Variable cloudiness with thundershowers ending overnight. Maximum temperature near normal, minimum above normal. Winds light increasing to moderate gusting strong early evening.
15. Variable cloudiness. Maximum temperature slightly above normal, minimum near normal. Winds moderate decreasing to light early evening.
16. Mainly cloudy. Temperatures near normal. Winds light.
17. Variable cloudiness. Temperatures near normal. Winds light.
18. Mainly sunny becoming overcast with showers and thundershowers early evening. Temperatures near normal. Winds light.
19. Mainly cloudy with evening showers and thundershowers. Maximum temperature near normal, minimum slightly above normal. Winds light.
20. Mainly cloudy becoming clear by morning. Maximum temperature slightly above normal, minimum above normal. Winds light increasing to moderate gusting strong late morning, then decreasing to light mid evening.
21. Variable cloudiness with afternoon showers. Temperatures slightly above normal. Winds light.
22. Variable cloudiness with early morning fog reducing visibility to zero at times. Maximum temperature slightly above normal, minimum near normal. Winds light.
23. Variable cloudiness with evening thundershowers. Maximum temperature above normal, minimum near normal. Winds light.
24. Variable cloudiness. Maximum temperature above normal, minimum slightly above normal. Winds light.
25. Mainly cloudy with showers and thundershowers. Maximum temperature slightly below normal, minimum slightly above normal. Winds light.
26. Mainly cloudy. Temperatures near normal. Winds light.
27. Mainly cloudy with showers. Maximum temperature below normal, minimum slightly above normal. Winds light.
28. Mainly cloudy with showers. Temperatures near normal. Winds light increasing to moderate gusting strong early evening, then decreasing to light overnight.
29. Variable cloudiness. Maximum temperature above normal, minimum slightly above normal. Winds light.
30. Mainly cloudy with showers and thundershowers ending early morning. Maximum temperature slightly below normal, minimum near normal. Winds light to moderate gusting strong early afternoon.