

MONTHLY METEOROLOGICAL SUMMARY

SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

JULY / JUILLET

19 92

AT/A WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

LAT. 49° 54' N		LONG. 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL						
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS			REL HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT		BRIGHT SUNSHINE INSOLATION EFFECTIVE
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE REFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%	mm	cm	mm	km/h		km/h		
1	14.6	11.4	13.0	5.0	8.0		93	78	8.4		8.4	0	15.9	ENE	ENE24*	0.0
2	13.6	10.7	12.2	5.8	7.2		98	83	11.8		11.8	0	15.1	NE	ENE20	0.0
3	13.1	10.5	11.8	6.2	6.8		98	89	26.0		26.0	0	22.2	NNW	NNE30*	0.0
4	19.1	8.9	14.0	4.0	9.0		95	59	TR.		TR.	0	14.4	NW	NNW26	7.0
5	22.1	7.4	14.8	3.2	9.8		97	53				0	5.4	WNW	WNW11	12.4
6	17.9	13.1	15.5	2.5	10.5		90	65	1.7		1.7	0	15.3	S	S 24*	0.0
7	25.6	13.7	19.7		14.7	1.7	94	58	12.4	1	12.4	0	13.4	W	W 37	10.2
8	23.1	14.0	18.6		13.6	0.6	98	66	4.4		4.4	0	13.5	NW	WNW26*	8.4
9	20.4	10.6	15.5	2.5	10.5		98	51	TR.		TR.	0	12.8	N	N 24	1.2
10	20.2	6.6	13.4	4.6	8.4		90	40				0	11.9	N	NNE19*	9.0
11	22.6	7.9	15.3	2.7	10.3		88	46	0.4		0.4	0	14.1	WSW	WSW28	11.7
12	23.3	10.4	16.9	1.1	11.9		87	47				0	9.3	WSW	NNW17	14.2
13	25.2	12.8	19.0		14.0	1.0	90	48				0	11.7	SSW	SSW28	13.4
14	24.6	14.7	19.7		14.7	1.7	93	66	19.4	1	19.4	0	27.1	S	S 41	9.2
15	22.5	13.1	17.8	0.2	12.8		94	52	1.4	1	1.4	0	16.0	W	W 30	8.5
16	22.9	9.9	16.4	1.6	11.4		95	59	TR.		TR.	0	8.6	CALM	NNE24	10.8
17	21.0	10.2	15.6	2.4	10.6		93	55				0	8.6	NNE	NNE20	7.8
18	21.5	11.1	16.3	1.7	11.3		95	63	0.2		0.2	0	12.3	S	S 20*	5.4
19	18.8	9.8	14.3	3.7	9.3		98	56	7.4		7.4	0	20.0	N	N 35	4.8
20	19.4	8.5	14.0	4.0	9.0		90	51				0	7.0	W	W 13*	8.6
21	21.1	9.1	15.1	2.9	10.1		96	46				0	0.2	CALM	W 04	9.1
22	24.2	9.6	16.9	1.1	11.9		91	46				0	5.5	S	SW 11*	14.2
23	24.9	11.3	18.1		13.1	0.1	82	42				0	16.5	S	S 28*	14.2
24	19.5	13.9	16.7	1.3	11.7		94	76	TR.		TR.	0	20.9	S	S 28	4.1
25	20.7	10.3	15.5	2.5	10.5		97	68	1.2	1	1.2	0	17.1	NW	NW 30*	6.8
26	19.6	9.9	14.8	3.2	9.8		95	61	TR.		TR.	0	8.4	N	NNW17	10.3
27	19.1	10.2	14.7	3.3	9.7		96	66	13.2	1	13.2	0	12.6	SSE	SSE30	2.5
28	20.1	10.5	15.3	2.7	10.3		93	53	1.8		1.8	0	14.5	NNW	NNE26	10.3
29	22.7	8.9	15.8	2.2	10.8		91	40				0	9.7	W	W 15*	13.9
30	24.7	9.4	17.1	0.9	12.1		91	47	TR.		TR.	0	8.5	SSW	SSW17*	11.1
31	26.7	11.5	19.1		14.1	1.1	94	49	1.0		1.0	0	11.9	W	W 22	8.3
MEAN MOYENNE	21.1	10.6	15.9	TOTAL 71.3	TOTAL 337.9	TOTAL 6.2	93	57	TOTAL 110.7	TOTAL 0.0	TOTAL 110.7		12.9	PREVAILING DIRECTION DOMINANTE S	MAXIMALE S 41	TOTAL 247.4
NORMAL NORMALE	25.9	13.3	19.6	21.1	453.8	71.9			8	75.9	0.0	75.9		S		315.6

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	02 OR MORE - OU PLUS	10 OR MORE - OU PLUS	20 OR MORE - OU PLUS	100 OR MORE - OU PLUS	500 OR MORE - OU PLUS	02 OR MORE - OU PLUS	10 OR MORE - OU PLUS	20 OR MORE - OU PLUS	100 OR MORE - OU PLUS	500 OR MORE - OU PLUS
TOTAL FOR MONTH TOTAL DU MOIS	71.3	9.0	21.1	TOTAL FOR MONTH TOTAL DU MOIS	337.9	456.2										
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET	71.3	9.0	21.1	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL	911.6	1288.6	15	13	8	5	0	0	0	0	0	0

UDC 551 506.1 ()

Note/avis 1. Climatological Day/Journée climatologique 00 01 C ST - 00 00 C ST

2. Normal/Normale 1951-1980

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 \$3.00 \$29.50

8. Price: single issue _____ annual (Jan to Dec) _____ /Prix: numéro individuel _____ annuel (janv à déc)



DRY-BULB TEMPERATURES AT:
 WINDING INTERNATIONAL AIRPORT
 AEROPORT INTERN. DE WINDING
 NORTH: JULY 1992
 MOIS: JUILLET 1992

Date	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	138	121	121	131	127	119	116	119	123	130	132	131	136	136	142	144	134	137	132	127	125	121	117	115	111
2	118	117	115	113	112	114	112	113	119	121	124	133	135	130	124	125	127	125	121	117	115	111	110	107	107
3	108	110	109	111	109	109	108	106	113	112	113	118	119	124	130	127	127	126	124	120	116	111	111	109	109
4	107	100	98	98	95	91	98	106	118	131	149	161	177	179	179	181	185	179	171	171	171	158	138	123	109
5	103	88	91	84	84	80	95	128	155	171	187	196	195	206	211	203	221	207	215	204	189	180	167	160	
6	149	150	147	146	136	136	137	157	166	175	178	177	178	174	176	175	172	151	149	151	152	153	152	148	
7	145	150	154	154	154	152	149	160	178	202	220	222	236	251	226	246	232	233	228	227	197	194	177	166	
8	160	154	152	151	146	143	145	144	149	159	194	208	211	211	228	224	215	226	218	213	193	184	163	161	
9	150	138	133	128	111	107	124	139	149	169	182	189	185	183	193	190	182	178	179	169	154	140	132	132	
10	129	126	107	84	68	74	95	118	137	158	171	173	175	188	191	177	179	177	170	165	165	132	123	111	
11	112	97	95	89	85	87	98	125	155	172	166	176	202	203	215	218	222	224	179	188	157	152	145	139	
12	130	130	124	115	109	117	129	143	160	180	194	203	211	219	222	229	230	227	226	215	194	185	166	155	
13	144	141	130	146	136	141	146	151	188	205	226	230	238	245	244	240	242	242	219	216	198	181	167	160	
14	154	155	153	151	148	150	154	166	185	201	215	235	241	238	234	234	233	228	222	193	187	182	184	186	
15	184	179	173	163	160	164	165	166	165	167	178	195	205	213	222	161	208	211	208	192	179	155	145	137	
16	138	138	131	124	102	107	115	135	153	182	200	205	218	217	224	210	217	197	197	182	171	150	154	139	
17	134	142	143	142	111	106	114	139	149	151	166	164	165	172	189	190	204	203	202	193	174	157	152	130	
18	122	121	118	117	119	123	133	143	160	179	191	196	209	206	205	186	180	191	190	182	175	171	168	162	
19	156	159	151	150	150	147	146	142	142	141	144	147	157	154	151	175	184	182	170	163	147	127	105	105	
20	104	103	110	109	88	94	92	109	116	134	148	158	166	166	181	180	182	189	181	171	152	124	116	109	
21	114	102	104	105	98	101	95	115	156	175	186	194	193	203	201	203	200	202	207	205	186	168	146	138	
22	120	117	106	121	109	100	112	139	169	195	207	207	220	228	228	237	228	231	229	218	208	186	174	163	
23	154	157	144	129	124	115	120	140	169	200	223	236	242	240	242	240	234	235	232	222	205	193	178	171	
24	161	152	148	144	142	142	143	149	162	175	186	185	181	178	179	186	189	191	194	187	177	171	166	164	
25	166	169	170	167	165	164	166	172	182	189	198	198	203	196	190	198	198	191	189	183	155	138	130	117	
26	104	106	102	105	111	109	107	108	109	116	132	144	150	166	177	187	192	191	189	184	170	158	148	139	
27	135	128	122	124	121	123	105	117	125	135	151	181	187	188	188	182	185	187	186	172	163	153	146	146	
28	143	133	127	119	113	106	109	114	125	136	155	159	169	174	180	187	146	167	157	153	145	138	125	109	
29	106	106	104	103	100	93	98	122	148	173	190	201	207	213	221	220	217	222	214	204	190	166	158	143	
30	136	120	125	120	106	95	101	130	170	187	204	218	225	232	231	232	239	226	223	218	196	182	175	171	
31	157	153	137	135	128	119	120	157	186	199	209	197	227	221	241	256	263	242	197	204	187	179	186	176	

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 - 0.1°C

BOURLY DES POINTS TEMPERATURE AT:
 TEMPERATURE DE ROSEES NORMALE A:
 WINNIPEG INTERNATIONAL AIRPORT
 AEROPORT INTERN. DE WINNIPEG

MONTH: JULY
 MOIS: JUILLET
 1992

Date	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	99	109	111	105	100	104	103	104	104	112	110	114	115	112	109	107	110	108	113	110	105	105	104	102
2	105	105	105	107	105	106	106	106	107	107	107	106	108	108	109	116	112	115	109	108	107	105	102	102
3	102	104	102	104	105	103	101	97	104	102	104	109	109	110	113	116	115	115	110	108	105	101	101	99
4	97	93	90	89	87	84	93	95	102	106	115	108	102	104	96	102	102	103	107	109	106	106	103	90
5	89	81	85	79	78	72	83	108	118	102	93	110	104	106	110	113	120	109	116	112	111	119	122	115
6	116	109	106	104	102	103	104	109	108	110	114	117	120	137	124	129	132	127	124	127	122	120	125	127
7	128	132	134	137	139	141	139	147	161	173	181	181	175	169	174	155	152	158	147	152	155	150	150	146
8	145	138	139	142	139	137	137	138	146	153	166	159	151	167	169	161	157	158	161	157	157	148	146	143
9	136	124	120	114	102	101	113	122	127	140	135	134	128	126	134	131	126	114	113	77	89	42	54	41
10	54	61	64	60	52	60	72	84	95	94	60	51	45	56	51	58	58	66	68	79	61	78	74	69
11	71	64	71	60	58	57	64	73	85	93	98	88	102	100	103	107	97	106	114	103	122	121	117	115
12	111	100	97	94	90	94	102	110	124	137	146	141	140	128	129	123	112	122	107	111	119	119	112	119
13	115	118	113	115	119	116	117	116	124	127	148	154	151	126	155	147	148	156	156	143	147	149	149	143
14	140	141	140	137	135	137	140	148	157	165	173	185	181	177	172	171	167	164	162	173	172	167	169	164
15	169	166	152	150	150	149	150	146	147	141	133	132	130	115	121	135	129	109	123	120	127	121	118	112
16	108	114	110	106	94	98	105	119	131	144	126	125	143	143	139	150	157	157	143	146	149	138	145	128
17	123	127	120	108	94	93	106	118	106	109	107	112	111	116	122	117	112	113	118	120	124	119	116	109
18	106	110	107	106	108	109	115	122	134	131	139	143	145	130	135	129	149	139	145	145	152	153	146	145
19	145	150	140	142	145	141	136	131	127	131	132	122	123	114	104	100	94	94	88	94	103	96	83	82
20	78	81	81	80	73	74	72	82	80	86	74	69	79	70	77	74	89	106	96	94	102	100	91	95
21	100	93	96	99	91	90	86	98	117	104	92	98	88	87	81	92	90	84	90	93	96	97	99	99
22	92	91	90	88	81	79	82	101	109	120	117	108	121	110	108	130	112	118	119	124	116	122	124	116
23	107	95	91	94	92	88	90	97	117	139	156	147	134	103	112	130	134	144	138	145	147	140	135	131
24	126	119	116	118	117	118	128	123	131	139	142	143	145	145	147	150	153	156	161	158	155	153	152	153
25	155	158	160	160	158	158	160	164	158	156	163	159	150	150	142	139	140	131	134	134	126	116	114	103
26	95	95	93	97	103	99	94	95	94	93	95	101	103	103	103	115	113	117	116	113	105	107	105	99
27	90	76	71	67	75	66	85	103	107	118	125	143	140	143	147	148	145	148	144	154	151	145	139	131
28	130	118	111	103	99	90	91	97	97	90	83	88	89	83	88	87	95	110	108	112	114	110	103	95
29	92	89	86	84	80	78	83	93	105	112	106	90	87	79	76	88	92	103	88	99	100	108	108	105
30	102	95	95	90	85	81	85	97	105	115	120	123	109	114	113	115	121	132	127	131	149	144	135	135
31	132	132	124	121	115	108	108	126	138	152	160	161	154	167	158	158	148	150	158	158	158	143	157	141

Note/Notes: 1. Climatological Day/Journée climatologique 0001 C.S.T. - 0000 C.S.T.
 2. Hours are C.S.T./Les heures sont a l'heure normale de la localité :
 3. Unit/Unité - 0.1°C

1. Overcast with showers and rain. Maximum temperatures well below normal, minimum temperatures near normal. Winds light increasing to moderate near noon and decreasing to light in early evening.
2. Overcast with showers and rain. Maximum temperatures well below normal, minimum temperatures near normal. Winds light.
3. Overcast with rain changing to showers in early afternoon ending in late evening. Maximum temperatures well below normal, minimum temperatures near normal. Winds light increasing to moderate overnight.
4. Becoming mainly cloudy overnight with few showers. Temperatures below normal. Winds decreasing to light overnight and increasing to moderate in late morning and decreasing to light by late afternoon.
5. Variable cloud. Maximum temperatures slightly below normal, minimum temperatures below normal. Winds light.
6. Variable cloud with showers from early afternoon to late evening. Maximum temperatures well below normal, minimum temperatures near normal. Winds light with moderate winds in showers.
7. Variable cloud with thundershowers in early afternoon. Temperatures near normal. Winds light except moderate in thundershowers.
8. Variable cloud with showers from early morning to early afternoon. Maximum temperatures slightly below normal, minimum temperatures near normal. Winds light increasing to moderate in early afternoon and decreasing to light by early evening.
9. Becoming cloudy by early morning with showers in early afternoon. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds light.
10. Variable cloud. Temperatures below normal. Winds light.
11. Variable cloud with late afternoon showers. Maximum temperatures slightly below normal, minimum temperatures below normal. Winds light except moderate with strong gusts in showers and decreasing to light by early evening.
12. Becoming mainly clear overnight. Temperatures slightly below normal. Winds light.
13. Variable cloud becoming clear by late afternoon. Temperatures near normal. Winds light.
14. Clear becoming mainly cloudy by late morning with heavy Thundershowers in early evening. Temperatures near normal. Winds light increasing to moderate overnight with strong gusts from early afternoon to early evening and decreasing to light by late evening.
15. Cloudy with occasional thundershowers ending by late afternoon. Maximum temperatures slightly below normal, minimum temperatures near normal. Winds light except moderate in afternoon.
16. Clearing overnight with afternoon cloudy periods and showers. Temperatures slightly below normal. Winds light.
17. Variable cloudiness. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds light.
18. Becoming overcast in early afternoon with evening showers. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds light with moderate gusts in showers.
19. Overcast with showers ending by late morning clearing by early evening. Maximum temperatures well below normal, minimum temperatures slightly below normal. Winds light increasing to moderate with strong gusts by early morning and decreasing to light by early evening.
20. Variable cloudiness. Temperatures below normal. Winds light.
21. Mainly clear with afternoon cloudy periods. Temperatures below normal. Winds light.
22. Mainly clear with afternoon cloudy periods. Maximum temperatures near normal, minimum temperatures slightly below normal. Winds light.
23. Sunny. Temperatures near normal. Winds light with afternoon moderate winds.
24. Becoming cloudy overnight with early afternoon showers and becoming variable cloudiness in early evening. Maximum temperatures below normal, minimum temperatures near normal. Winds increasing to moderate overnight.
25. Mainly cloudy with thundershowers overnight, clearing by late afternoon. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds decreasing to light overnight with moderate winds in afternoon.
26. Clouding overnight with early morning drizzle, becoming variable cloud in early afternoon. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds light.
27. Mainly cloudy with thundershowers beginning overnight and ending late evening. Maximum temperatures below normal, minimum temperatures slightly below normal. Winds light except moderate with strong gusts in early morning showers.
28. Variable cloud with afternoon showers. Maximum temperatures below normal, minimum temperatures near normal. Winds light except moderate winds in showers.
29. Mainly sunny. Temperatures slightly below normal. Winds light.
30. Sunny becoming cloudy by early afternoon with early evening shower. Maximum temperatures near normal, minimum temperatures slightly below normal. Winds light.
31. Clearing overnight with variable cloud by late morning with late morning to early evening showers. Temperatures near normal. Winds light with moderate winds with strong gusts in showers.