



Environment Canada

Environnement Canada

Atmospheric Environment Service

Service de l'environnement atmosphérique

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

DECEMBER
MONTH/MOIS
AT/A
WINNIPEG INT'L AIRPORT

19 94

LAT		049. 054 _N		LONG		097. 017 W		ELEVATION ALTITUDE		240		METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL					
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS			REL. HUMIDITY HUMIDITÉ REL.		PRECIPITATION PRÉCIPITATIONS			WIND VENT	BRIGHT SUNSHINE INSOLATION EFFECTIVE								
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE RÉFRIÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (MILLIMÈTRES)	SNOWFALL NEIGE (MILLIMÈTRES)			TOTAL PRECIP. TOTALE	SHOW ON GROUND NEIGE AU SOL	AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAX 2 MIN MEAN SPEED 2 DIRECTION VITESSE SUR 2 MIN & DIRECTION	HOURS HEURES		
	°C	°C	°C	BASE 18°C	BASE 5°C	BASE 18°C	%	%		mm	mm	mm	mm	km/h		km/h					
1	6.9	-2.7	2.1	15.9			86	65					6	25.1	WSW	SSW	33	6.7			
2	-1.0	-7.0	-4.0	22.0			93	74			TR	TR	5	10.7	ENE	E	20	0.0			
3	-0.2	-12.2	-6.2	24.2			93	79			5.0	5.4	1	14.2	NE*	NW	26	0.9			
4	-12.2	-24.3	-18.3	36.3			92	60			1.0	1.0	1	19.3	NNW	NNW	26	2.4			
5	-14.7	-26.1	-20.4	38.4			77	63			TR	TR	5	11.4	W	NW	15	5.6			
6	-15.2	-22.8	-19.0	37.0			84	70			TR	TR	8	7.3	WNW	WNW	11	5.4			
7	-11.0	-24.5	-17.8	35.8			92	69			1.0	0.6	8	9.3	SSE	SSE	20	0.0			
8	-7.2	-12.3	-9.8	27.8			92	73					8	21.4	S	S	28	6.1			
9	-11.8	-20.9	-16.4	34.4			92	78			1.0	1.2	8	14.0	N	N	24	0.0			
10	-13.6	-27.8	-20.7	38.7			78	59					8	20.1	NNW	NNW	32	6.8			
11	-11.8	-26.2	-19.0	37.0			78	64					8	19.4	SSE	SSE	37	1.1			
12	-14.2	-24.0	-19.1	37.1			85	66			TR	TR	8	10.0	NW	N	20	6.0			
13	-14.2	-24.6	-19.4	37.4			84	60					8	10.6	S	S	17	3.9			
14	-5.8	-16.7	-11.3	29.3			100	78			TR	TR	8	16.3	SE	SE	24	1.9			
15	-4.8	-9.3	-7.1	25.1			100	85					8	14.5	SSE	SSE	20	0.0			
16	-7.2	-15.4	-11.3	29.3			92	79			TR	TR	10	16.3	S	S	30	6.8			
17	-8.1	-21.5	-14.8	32.8			92	85			TR	TR	10	14.1	NW	NNW	28	0.5			
18	-6.6	-19.9	-13.3	31.3			100	55			TR	TR	10	26.3	S	S	41	2.3			
19	-5.3	-9.9	-7.6	25.6			92	79					10	15.6	S	S	26	1.7			
20	-1.0	-9.7	-5.4	23.4			92	69					10	24.2	S	S	37	4.3			
21	2.5	-7.2	-2.4	20.4			93	74					10	21.5	S	S	33	1.3			
22	1.4	-7.9	-3.3	21.3			93	69					9	16.8	S	S	32	7.3			
23	-0.3	-6.8	-3.6	21.6			93	74					9	25.5	S	S	37	7.5			
24	0.0	-9.8	-4.9	22.9			93	69					9	17.7	S	S	22	6.3			
25	-0.2	-12.8	-6.5	24.5			100	80					8	13.8	S	SSW	20	7.1			
26	-8.0	-14.8	-11.4	29.4			100	85					7	3.5	NE	NE	11	2.3			
27	-3.5	-10.6	-7.1	25.1			100	73		0.2	TR	0.2	7	16.3	N	NNW	32	0.0			
28	-5.0	-12.8	-8.9	26.9			86	78					7	17.5	NNE	NNE	28	2.5			
29	-1.9	-8.7	-5.3	23.3			100	73			5.0	5.8	7	29.3	SE	SE	41	0.0			
30	-2.2	-12.5	-7.4	25.4			100	78			2.0	1.2	7	23.7	W	W	39	0.9			
31	-11.8	-27.5	-19.7	37.7			92	65			1.0	0.2	12	18.7	NW	N	33	0.6			
MEAN MOYENNE	-6.1	-15.8	-11.0	897.3	TOTAL 0.0	TOTAL 0.0	92	72	TOTAL 0	TOTAL 0.2	TOTAL 18.0	TOTAL 17.8		16.9	PREVAILING DIRECTION DOMINANTE S	MAXIMALE S 41	TOTAL 98.2				
NORMAL NORMALE	-9.9	-19.4	-14.6	1013.7	0.0	0.0			0	1.6	20.1			17.0	S		98.6				
DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS												DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS TOTALES					DAYS WITH SNOWFALL JOURS AVEC CHÛTE DE NEIGE				
BELOW 18°C AU-DESSOUS DE 18°C		THIS YEAR ANNEE EN COURS	PREVIOUS YEAR ANNEE PRÉCÉDENTE	NORMAL NORMALE	ABOVE 5°C AU-DESSUS DE 5°C		THIS YEAR ANNEE EN COURS	PREVIOUS YEAR ANNEE PRÉCÉDENTE	NORMAL NORMALE	02 OR MORE OU PLUS	10 OR MORE OU PLUS	20 OR MORE OU PLUS	30 OR MORE OU PLUS	02 OR MORE OU PLUS	10 OR MORE OU PLUS	20 OR MORE OU PLUS	30 OR MORE OU PLUS	30 OR MORE OU PLUS			
TOTAL FOR MONTH TOTAL DU MOIS		897.3	952.0	1013.7	TOTAL FOR MONTH TOTAL DU MOIS		0.0	0.0	0.0												
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET		2023.5	2431.4	2320.7	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL		1816.9	1519.7	1800.3	9	6	3	0	0	8	8	4	0	0		

UDC 551.506.1 ()

Note/Avts

1. Climatological Day/Jourée climatologique

2. Normal/Normale 1961-1990

3. TR = Trace

4. M = Missing/Manquant

5. No entry/Pas de valeur : No occurrence/Pas d'événement

6. * Indicates first or 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/Calme \$10.0

\$59.00

\$10.0

\$59.00

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



COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS À:		WINNIPEG INT'L AIRPORT			MONTH MOIS DECEMBER			19 94						
Temperature/Température Précipitation/Précipitation Rondeur/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS							
- ° Celsius - Millimètres/millimètres (mm) - Millimètres/millimètres (mm) - Centimètres/centimètres (cm) - Kilomètres/h / kilomètre/h (km/h) - Kilopascals (kPa)		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU		NO. OF DAYS JOURS		
						VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE			
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		6.9	1	0.2	15		11.7	6	1939			122		
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-27.8	10	-32.6	26					-47.8	24	1879	122	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-10.9		-12.7		-14.6	-3.4	1877	-25.9		1879	122		
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		0.2		TR		1.6	23.4	1877	0.0		1990	122		
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		18.0		15.2		20.1	101.3	1909	0.5		1877	122		
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		17.8		13.0		18.6	101.3	1909	2.5		1892	122		
NO. OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		9		9		11	17	1955	2		SVRL	122		
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		0.2	27	TR	3		21.8	2	1982			122		
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		5.0	99	3.4	28		30.5	26	1916			122		
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		5.8	29	2.8	28		30.5	26	1916			122		
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES		TR	27	TR	3		2.0	2	1982			41		
10 MINUTES		TR	27	TR	3		3.8	2	1982			41		
15 MINUTES		TR	27	TR	3		4.0	2	1982			41		
30 MINUTES		TR	27	TR	3		4.3	2	1982			41		
60 MINUTES		TR	27	TR	3		7.8	2	1982			41		
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		0.2	27	TR	3		15.2	22	1877			122		
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		16.9		17.9		17.0	24.6	1943	12.5		1978	73		
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)		S 41	18	N 56	24		NW 74	99	SVRL			55		
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S 58	18	N 69	24		NW100	11	1946			47		
TOTAL HOURS OF BUNSHINE TOTAL DES HEURES INSOLATION		98.2		66.7		98.6	141.8	1989	31.7		1920	112		
MEAN STATION PRESSURE (hPa) PRESSION MOYENNE À LA STATION (hPa)		98.95		98.61		98.79	99.26	1983	98.29		1953	55		
GREATEST STATION PRESSURE (hPa) PRESSION MAXIMALE À LA STATION (hPa)		100.33	6	100.35	27		101.77	8	1982			55		
LEAST STATION PRESSURE (hPa) PRESSION MINIMALE À LA STATION (hPa)		96.48	1	96.34	12				94.71	17	1967	55		
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES													YEARS DERNIÈRE ANNÉES	
YEAR ANNÉE	MAXIMUM TEMP. TEMP. MAXIMALE	MINIMUM TEMP. TEMP. MINIMALE	MEAN TEMP. TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. PRÉCIP. TOTALE	MEAN WIND SPEED VITESSE MOYENNE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	BUNSHINE HOURS HEURES INSOLATION	HEATING DEGREES-DAYS DEGRES-JOURS DE CHAUFFE	CROPPING DEGREES-DAYS DEGRES-JOURS DE CROISSANCE	COOLING DEGREES-DAYS DEGRES-JOURS DE REFRIGERATION	SNOWFALL SEPT. 1	
1985	2.6	-31.9	-14.0	TR	15.9	14.0	15.2	NNW 54	108.4	1107.0	0.0	0.0	74.6	
1986	1.5	-25.7	-10.1	0.2	7.0	6.4	18.4	NW 46	113.6	869.8	0.0	0.0	54.4	
1987	3.6	-25.8	-8.2	5.8	10.2	14.6	14.2	N 43	62.9	811.5	0.0	0.0	21.6	
1988	6.5	-30.4	-12.8	TR	26.7	22.5	17.2	S 37	100.3	955.3	0.0	0.0	65.7	
1989	4.3	-37.0	-19.8	0.2	19.8	17.0	14.6	NNW 48	141.8	1172.2	0.0	0.0	37.6	
1990	5.4	-35.3	-16.4	0.0	27.1	24.1	18.1	S 52	119.3	1064.0	0.0	0.0	36.1	
1991	3.0	-30.8	-10.9	0.8	31.2	32.0	25.6	NNW 67	84.5	896.2	0.0	0.0	71.8	
1992	0.5	-33.9	-16.6	TR	40.4	29.2	19.2	WNW 63	81.6	1070.7	0.0	0.0	82.0	
1993	0.2	-32.6	-12.7	TR	15.2	13.0	17.9	N 56	66.7	952.0	0.0	0.0	42.0	
1994	6.9	-27.8	-10.9	TR	18.0	17.8	16.9	S 41	98.2	897.3	0.0	0.0	32.2	

Note/Note: 1. Climatological Day/Journée climatologique 0001 C.S.T. - 2300 C.S.T.
 2. Normal/Normale 1981-1989
 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 en: 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

WINNIPEG INT'L AIRPORT

DECEMBER 1994
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HOURL->	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	-22	-22	-22	-19	-13	1	12	24	33	48	60	62	66	68	67	65	58	37	41	37	34	16	7	1	27
A	-10	-26	-44	-42	-54	-66	-61	-56	-47	-35	-32	-31	-29	-28	-28	-32	-35	-29	-26	-26	-22	-22	-17	-14	-36
T	-20	-28	-35	-43	-38	-45	-48	-56	-57	-51	-35	-20	-9	-13	-6	-4	-6	-46	-53	-62	-75	-88	-101	-110	-44
E	-122	-133	-141	-147	-150	-153	-156	-162	-167	-164	-167	-165	-166	-163	-164	-176	-200	-208	-212	-220	-235	-233	-233	-233	-175
	-227	-230	-255	-249	-243	-245	-228	-210	-192	-181	-174	-170	-162	-157	-155	-148	-164	-174	-201	-191	-216	-202	-210	-212	-200
1	-210	-201	-183	-174	-171	-175	-174	-184	-201	-200	-196	-190	-168	-152	-160	-156	-171	-180	-192	-198	-213	-222	-218	-212	-188
2	-225	-212	-215	-237	-242	-244	-239	-216	-191	-176	-174	-167	-162	-154	-147	-141	-142	-160	-153	-146	-136	-131	-125	-119	-177
3	-110	-97	-90	-82	-79	-79	-76	-83	-91	-91	-89	-84	-77	-76	-73	-81	-92	-103	-108	-114	-115	-118	-118	-118	-92
4	-117	-140	-140	-141	-146	-147	-153	-170	-193	-202	-156	-154	-140	-138	-127	-128	-126	-126	-126	-126	-127	-129	-131	-135	-142
5	-136	-141	-144	-151	-162	-171	-185	-194	-197	-210	-211	-209	-201	-194	-190	-193	-208	-215	-240	-238	-250	-247	-255	-254	-200
6	-249	-253	-258	-250	-237	-235	-222	-215	-204	-195	-188	-181	-170	-160	-150	-146	-140	-134	-126	-126	-126	-121	-132	-145	-149
7	-160	-165	-188	-192	-202	-210	-178	-148	-142	-145	-153	-144	-143	-142	-145	-161	-189	-202	-212	-212	-213	-215	-223	-239	-178
8	-234	-239	-245	-231	-233	-229	-222	-215	-212	-205	-193	-175	-162	-149	-145	-152	-162	-160	-160	-163	-161	-173	-172	-189	-189
9	-167	-160	-154	-160	-162	-162	-151	-147	-145	-136	-122	-114	-97	-101	-95	-93	-92	-91	-80	-68	-60	-61	-68	-75	-115
10	-75	-77	-75	-76	-70	-65	-65	-62	-62	-61	-59	-57	-53	-51	-51	-50	-51	-51	-52	-80	-85	-75	-90	-88	-66
11	-86	-79	-82	-77	-76	-72	-74	-79	-102	-114	-110	-105	-96	-89	-88	-90	-100	-118	-123	-132	-128	-135	-126	-145	-183
12	-143	-129	-132	-133	-136	-145	-141	-141	-133	-125	-100	-91	-84	-88	-88	-90	-130	-163	-173	-202	-164	-155	-202	-239	-134
13	-182	-191	-184	-167	-151	-108	-95	-95	-88	-92	-88	-84	-74	-68	-69	-67	-73	-75	-74	-75	-78	-83	-82	-88	-101
14	-85	-88	-90	-92	-94	-96	-97	-97	-94	-87	-80	-70	-65	-58	-54	-61	-58	-63	-70	-72	-74	-73	-78	-77	-78
15	-77	-79	-84	-83	-86	-90	-91	-93	-81	-77	-69	-58	-51	-31	-15	-18	-25	-27	-18	-16	-11	-14	-18	-13	-51
16	-19	-23	-29	-29	-31	-31	-40	-42	-37	-24	-19	-9	11	24	11	-2	-2	-5	-11	-22	-20	-34	-46	-37	-19
17	-72	-59	-57	-61	-47	-59	-62	-59	-56	-59	-41	-28	-5	11	-1	-12	-18	-23	-28	-21	-20	-22	-20	-23	-35
18	-27	-35	-30	-33	-36	-36	-35	-44	-43	-43	-35	-23	-19	-7	-9	-8	-12	-23	-28	-33	-35	-40	-56	-57	-31
19	-65	-68	-75	-74	-80	-83	-94	-91	-94	-95	-76	-64	-51	-35	-24	-29	-39	-31	-13	-10	-5	-8	-4	-11	-51
20	-9	-8	-6	-7	-11	-19	-17	-23	-28	-35	-33	-30	-33	-26	-28	-18	-24	-34	-37	-36	-89	-75	-111	-116	-36
21	-126	-124	-135	-138	-140	-141	-141	-145	-135	-131	-127	-122	-112	-98	-87	-86	-90	-103	-111	-113	-141	-137	-124	-118	-122
22	-106	-100	-96	-85	-71	-54	-52	-47	-43	-49	-55	-54	-49	-43	-36	-36	-40	-43	-45	-50	-50	-52	-53	-55	-57
23	-51	-50	-50	-64	-59	-64	-75	-79	-89	-104	-118	-114	-108	-115	-116	-121	-124	-127	-123	-114	-105	-93	-90	-95	-95
24	-87	-80	-76	-73	-71	-69	-67	-67	-73	-69	-63	-57	-49	-43	-31	-31	-32	-33	-30	-26	-21	-20	-21	-20	-50
25	-22	-26	-28	-34	-60	-69	-85	-95	-106	-111	-115	-120	-123	-117	-118	-110	-107	-110	-111	-111	-108	-110	-111	-114	-93
26	-118	-122	-130	-134	-136	-136	-139	-148	-155	-159	-167	-170	-165	-162	-160	-156	-167	-181	-187	-233	-232	-239	-266	-251	-171
27	-108	-109	-112	-112	-112	-113	-111	-111	-111	-110	-104	-98	-89	-82	-80	-80	-85	-95	-99	-102	-107	-107	-112	-114	-103
28	-51	-50	-50	-64	-59	-64	-75	-79	-89	-104	-118	-114	-108	-115	-116	-121	-124	-127	-123	-114	-105	-93	-90	-95	-95
29	-87	-80	-76	-73	-71	-69	-67	-67	-73	-69	-63	-57	-49	-43	-31	-31	-32	-33	-30	-26	-21	-20	-21	-20	-50
30	-22	-26	-28	-34	-60	-69	-85	-95	-106	-111	-115	-120	-123	-117	-118	-110	-107	-110	-111	-111	-108	-110	-111	-114	-93
31	-118	-122	-130	-134	-136	-136	-139	-148	-155	-159	-167	-170	-165	-162	-160	-156	-167	-181	-187	-233	-232	-239	-266	-251	-171

MEAN -108 -109 -112 -112 -112 -113 -113 -111 -111 -110 -104 -98 -89 -82 -80 -80 -85 -95 -99 -102 -107 -107 -112 -114 -103

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

DEU POINT SUMMARY
 SUMMAIRE DES TEMPERATURES DE ROSEE

WINNIPEG INT'L AIRPORT

DECEMBER 1994
 PAGE 4

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	-45	-43	-42	-38	-31	-19	-12	-8	-6	-4	2	6	7	12	14	15	12	5	7	5	4	-9	-20	-28	-9	
A	-33	-40	-57	-56	-65	-77	-80	-72	-67	-61	-59	-40	-32	-30	-23	-22	-64	-74	-84	-104	-119	-123	-128	-62	-58	
T	-43	-47	-52	-57	-53	-56	-58	-66	-67	-62	-59	-40	-32	-30	-23	-22	-64	-74	-84	-104	-119	-123	-128	-62	-58	
E	-140	-154	-159	-166	-168	-169	-174	-175	-181	-191	-194	-196	-195	-196	-218	-223	-229	-246	-255	-261	-268	-279	-278	-208	-208	
	-275	-276	-297	-290	-284	-287	-269	-249	-230	-216	-210	-207	-202	-201	-199	-198	-209	-210	-235	-222	-251	-231	-241	-245	-239	
6	-249	-232	-213	-203	-198	-204	-201	-216	-235	-234	-229	-223	-200	-179	-191	-192	-209	-213	-222	-225	-244	-251	-250	-247	-219	
7	-256	-243	-246	-269	-275	-276	-275	-251	-220	-201	-198	-191	-181	-173	-164	-158	-162	-186	-178	-170	-161	-154	-138	-133	-202	
8	-123	-112	-105	-96	-95	-95	-103	-110	-113	-118	-125	-123	-119	-113	-111	-115	-120	-126	-129	-133	-133	-136	-134	-116	-116	
9	-134	-152	-153	-153	-161	-161	-165	-182	-203	-210	-187	-176	-152	-157	-145	-147	-146	-146	-149	-150	-156	-156	-159	-160	-160	
10	-161	-169	-171	-185	-198	-216	-227	-237	-243	-256	-256	-256	-255	-254	-250	-246	-255	-263	-281	-271	-288	-288	-293	-294	-242	
11	-286	-292	-297	-288	-273	-271	-258	-255	-247	-238	-233	-232	-222	-204	-201	-192	-180	-175	-167	-160	-169	-183	-184	-225	-225	
12	-189	-190	-221	-224	-233	-241	-205	-168	-167	-174	-184	-189	-185	-183	-182	-186	-198	-224	-237	-248	-247	-250	-257	-276	-211	
13	-267	-279	-284	-268	-269	-264	-257	-250	-244	-236	-221	-202	-195	-197	-196	-197	-202	-204	-206	-202	-202	-208	-200	-227	-227	
14	-195	-186	-181	-186	-191	-189	-180	-175	-172	-162	-147	-131	-114	-114	-104	-105	-107	-109	-99	-91	-91	-89	-101	-105	-139	
15	-101	-101	-98	-96	-91	-87	-86	-84	-84	-81	-78	-69	-65	-63	-61	-61	-62	-61	-62	-62	-87	-94	-86	-99	-100	-82
16	-98	-91	-94	-85	-86	-86	-86	-91	-115	-127	-128	-126	-123	-121	-116	-120	-127	-134	-139	-143	-146	-150	-146	-152	-118	
17	-156	-146	-149	-150	-153	-160	-151	-151	-156	-148	-139	-117	-107	-101	-108	-106	-107	-147	-171	-180	-211	-171	-169	-214	-149	
18	-192	-234	-219	-190	-223	-120	-101	-101	-94	-100	-97	-95	-86	-83	-88	-85	-90	-88	-89	-92	-95	-99	-97	-119	-119	
19	-101	-103	-104	-105	-107	-109	-110	-111	-109	-102	-97	-89	-85	-83	-79	-82	-80	-83	-85	-88	-88	-86	-88	-87	-94	
20	-89	-92	-95	-96	-99	-104	-105	-106	-96	-92	-85	-75	-71	-59	-49	-52	-53	-53	-49	-53	-51	-54	-55	-75	-75	
21	-57	-60	-64	-63	-60	-61	-66	-66	-63	-56	-51	-44	-31	-20	-23	-31	-30	-31	-38	-46	-47	-54	-63	-54	-49	
22	-82	-71	-71	-75	-62	-75	-71	-74	-73	-78	-71	-64	-55	-43	-40	-46	-52	-52	-56	-51	-49	-53	-55	-53	-61	
23	-54	-60	-56	-59	-61	-61	-61	-63	-67	-64	-58	-53	-42	-43	-41	-42	-45	-51	-53	-52	-56	-68	-71	-56	-56	
24	-77	-82	-89	-89	-94	-97	-106	-104	-107	-109	-97	-88	-81	-70	-65	-66	-66	-58	-43	-34	-30	-30	-26	-28	-72	
25	-23	-22	-20	-17	-22	-29	-30	-32	-38	-43	-45	-48	-53	-53	-55	-54	-52	-54	-54	-52	-98	-81	-116	-121	-51	
26	-132	-131	-142	-147	-151	-148	-149	-153	-141	-137	-133	-127	-116	-103	-92	-92	-99	-113	-123	-126	-153	-148	-136	-130	-130	
27	-118	-111	-107	-96	-81	-63	-62	-56	-52	-58	-64	-65	-61	-61	-55	-62	-66	-71	-79	-80	-80	-85	-85	-78	-75	
28	-77	-83	-82	-89	-83	-89	-104	-100	-111	-122	-141	-142	-138	-133	-139	-146	-146	-148	-143	-136	-136	-132	-119	-119	-119	
29	-117	-114	-107	-106	-104	-104	-103	-100	-87	-85	-84	-83	-80	-77	-72	-62	-51	-45	-40	-34	-33	-32	-29	-32	-74	
30	-30	-33	-37	-42	-72	-86	-107	-118	-131	-134	-135	-144	-149	-143	-150	-140	-133	-134	-132	-127	-127	-129	-130	-133	-112	
31	-141	-142	-150	-153	-155	-152	-158	-171	-176	-180	-188	-193	-218	-205	-203	-194	-203	-220	-224	-273	-269	-276	-311	-294	-202	

MEAN -130 -132 -134 -133 -135 -134 -133 -132 -132 -132 -129 -124 -119 -114 -112 -112 -114 -121 -125 -127 -132 -132 -136 -138 -128
 MOYENNE

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

WIND SUMMARY
SUMMAIRE DES VENTS

WINNIPEG INT'L AIRPORT

DECEMBER 1994
PAGE 5

HOUR ->	DIR.																								PEAK WIND SPEED	TIME	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
D 1	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NW	46	23:00
A 2	NNW	NNW	W	WSW	NNW	NNW	NNW	C	C	C	NE	NNE	NE	ENE	ENE	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	39	16:34
O 3	NE	NE	NE	NNE	N	ENE	E	W	W	NE	C	W	W	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	32	01:00
M 4	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	37	06:00
N 5	NNW	NNW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	41	03:00
T 6	W	W	W	NNW	NNW	NNW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	37	05:00
H 7	NE	E	NNE	NNW	C	E	NE	S	SE	SSE	S	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSW	48	13:00
8	SSE	S	S	S	S	S	SSW	SSW	S	SSW	SSW	S	SSW	SSW	S	SSW	SSW	S	S	S	S	S	S	S	SSW	32	22:00
9	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	37	06:00
10	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	41	03:00
11	S	SSW	ESE	SSE	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	48	13:00
12	C	C	C	C	W	NNW	NNW	NNW	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	41	03:00
13	C	C	W	WSW	SSE	S	S	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	37	05:00
14	S	S	S	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	C	SSE	S	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	32	22:00
15	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	37	05:00
16	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	37	05:00

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	85	86	87	87	88	87	84	80	76	69	67	68	66	68	69	71	73	80	79	80	81	84	83	81	78
A 2	85	91	91	90	92	92	92	92	90	84	85	85	79	77	80	80	81	85	80	80	79	82	82	83	85
T 3	87	88	88	90	90	92	93	93	92	84	87	85	89	89	87	87	89	88	86	85	80	79	84	87	88
E 4	87	85	87	86	87	88	87	86	86	82	78	79	78	78	63	61	64	67	66	65	67	67	66	67	76
5	65	66	68	69	69	68	70	71	72	74	74	73	72	69	69	66	69	74	75	77	74	78	77	75	71
6	71	77	78	79	80	79	80	76	75	75	75	76	77	80	77	74	73	76	78	79	76	78	76	74	77
7	76	76	76	75	75	75	73	74	78	81	82	82	86	86	87	87	85	81	82	82	82	83	90	90	84
8	91	89	89	90	89	89	87	86	87	84	81	76	74	72	75	75	84	84	85	85	86	87	87	88	84
9	88	91	90	91	89	90	91	91	92	94	78	84	91	86	87	86	85	85	85	83	83	81	82	83	87
10	82	80	80	76	74	68	70	69	67	67	67	66	62	59	59	63	66	66	69	75	71	69	71	70	69
11	72	70	70	71	73	73	73	70	69	69	68	65	64	69	65	63	65	69	67	72	73	74	73	75	70
12	79	81	76	76	77	77	80	85	82	79	78	74	71	72	72	71	74	74	74	74	74	74	74	74	76
13	75	70	70	72	73	73	74	74	76	77	79	80	76	67	66	65	69	72	69	68	72	72	74	75	73
14	79	81	80	81	79	80	79	80	80	81	82	88	88	91	94	91	89	87	84	84	79	81	78	80	83
15	82	83	84	86	85	85	85	85	85	86	87	92	92	92	93	92	92	93	93	95	94	92	94	91	89
16	92	92	92	94	93	91	92	92	91	91	87	85	81	78	81	79	81	88	88	92	87	89	85	90	88
17	90	88	87	87	87	89	89	93	89	89	90	88	89	88	86	87	88	88	94	95	93	95	89	91	90
18	92	69	74	83	55	91	96	96	94	94	94	92	92	87	87	87	88	89	91	89	88	88	89	89	87
19	89	89	90	91	91	91	91	90	89	89	88	87	86	83	83	86	85	86	90	89	90	91	93	93	89
20	92	91	92	91	91	90	91	91	89	89	89	88	86	81	78	78	82	83	80	76	75	75	76	74	84
21	76	76	77	78	81	80	83	84	88	79	79	78	74	73	78	81	82	82	84	84	82	86	88	88	81
22	93	92	90	90	90	89	94	90	88	87	80	77	69	68	75	78	78	81	81	80	81	80	77	80	83
23	82	83	83	83	83	83	83	84	84	84	81	78	78	78	79	79	81	85	85	87	88	89	92	90	83
24	92	90	90	89	90	90	91	91	91	90	85	84	80	77	74	76	82	82	80	84	84	84	85	86	86
25	91	91	91	93	93	93	91	94	93	95	92	88	87	82	82	77	82	86	88	89	94	96	97	97	90
26	96	95	95	93	92	95	94	94	96	96	96	97	97	97	97	96	94	93	91	91	91	92	91	91	94
27	93	92	92	92	93	94	93	94	94	94	94	92	92	88	87	83	83	81	78	80	80	78	79	84	88
28	82	78	79	82	84	83	80	85	85	87	83	83	83	82	83	83	82	84	85	85	84	81	79	80	83
29	79	77	79	78	78	77	76	78	90	89	86	82	79	78	74	80	87	87	75	95	92	92	92	85	83
30	95	95	94	95	92	88	85	84	82	84	86	83	81	81	78	79	82	83	85	88	86	86	86	86	86
31	83	85	85	86	86	88	86	83	84	84	84	83	64	70	70	73	74	72	73	70	72	72	66	68	78
Mean	84	84	84	85	84	85	85	85	85	85	83	82	80	79	79	79	80	82	81	82	82	83	83	83	83
Moyenne	84	84	84	85	84	85	85	85	85	85	83	82	80	79	79	79	80	82	81	82	82	83	83	83	83

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

DAILY WEATHER SUMMARY FOR DECEMBER, 1994 AT WINNIPEG, MANITOBA

1. Variable cloudiness. Temperatures well above normal. Winds moderate.
2. Mainly cloudy with evening flurries. Temperatures well above normal. Winds light.
3. Overcast with snow beginning mid evening. Maximum temperature well above normal, minimum slightly above normal. Winds light increasing to moderate early evening.
4. Overcast with snow ending mid afternoon, then clearing. Maximum temperature below normal, minimum well below normal. Winds moderate decreasing to light early afternoon.
5. Variable cloudiness with mid morning flurries. Temperatures well below normal. Winds light.
6. Mainly sunny with ice crystals. Maximum temperature well below normal, minimum below normal. Winds light.
7. Mainly cloudy with early morning visibilities reduced to zero in ice crystals and ice fog. Maximum temperature slightly below normal, minimum well below normal. Winds light.
8. Mainly sunny with early morning flurries. Maximum temperature near normal, minimum above normal. Winds light to moderate.
9. Mainly cloudy with snow beginning mid morning. Temperatures slightly below normal. Winds light.
10. Mainly sunny with snow ending early morning. Maximum temperature below normal, minimum well below normal. Winds moderate decreasing to light by noon.
11. Variable cloudiness. Maximum temperature slightly below normal, minimum well below normal. Winds light increasing to moderate in afternoon, then decreasing to light early evening.
12. Mainly sunny with mid morning flurries. Temperatures below normal. Winds light.
13. Mainly sunny. Temperatures below normal. Winds light.
14. Variable cloudiness. Maximum temperature slightly above normal, minimum near normal. Winds light to moderate.
15. Mainly cloudy with snow beginning mid morning, then ending late evening. Maximum temperature above normal, minimum well above normal. Winds light.
16. Mainly sunny with snow overnight. Temperatures slightly above normal. Winds moderate overnight decreasing to light mid morning.
17. Mainly cloudy with periods of snow and ice crystals. Maximum temperature near normal, minimum slightly below normal. Winds light.
18. Mainly cloudy with ice crystals ending overnight. Maximum temperature slightly above normal, minimum near normal. Winds light increasing to moderate gusting strong by noon.
19. Variable cloudiness. Maximum temperature above normal, minimum well above normal. Winds light.
20. Mainly sunny. Temperatures well above normal. Winds light increasing to moderate by noon.
21. Variable cloudiness. Temperatures well above normal. Winds moderate decreasing to light early evening.
22. Mainly sunny. Temperatures well above normal. Winds light increasing to moderate early evening.
23. Mainly sunny. Temperatures well above normal. Winds moderate decreasing to light mid evening.
24. Mainly sunny. Temperatures well above normal. Winds light.
25. Mainly sunny. Temperatures well above normal. Winds light.
26. Variable cloudiness with morning ice crystals and fog reducing visibilities to zero. Maximum temperature slightly above normal, minimum above normal. Winds light.
27. Overcast with freezing rain, ice pellets, and snow in morning. Temperatures well above normal. Winds light increasing to moderate mid morning, then decreasing to light late evening.
28. Mainly cloudy with morning flurries. Maximum temperature above normal, minimum well above normal. Winds light to moderate.
29. Overcast with snow beginning mid morning. Temperatures well above normal. Winds moderate.
30. Overcast with snow. Temperatures well above normal. Winds light to moderate.
31. Overcast with snow ending early evening then clearing by mid evening. Maximum temperature near normal, minimum below normal. Winds moderate decreasing to light by noon.