

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

JANUARY / JANVIER

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: CENTRAL 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 HEURES		
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE RÉFÉRIERATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	MAX 2 MIN MEAN SPEED & DIRECTION VITESSE MOYENNE MAX. SUR 2 MIN & DIRECTION			
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%	mm	cm	mm	km/h		km/h	°				
1	-3.4	-7.8	-5.6	23.6			96	88	TR.		TR.	10	24.5	S	S 33	0.0			
2	1.0	-4.4	-1.7	19.7			99	83	TR.		TR.	09	33.9	S	S 48*	0.0			
3	1.4	-6.3	-2.5	20.5			94	77				08	33.0	S	S 59	1.7			
4	-0.3	-12.3	-6.3	24.3			94	78		TR.	TR.	07	26.3	S	S 56	3.0			
5	0.5	-7.0	-3.3	21.3			93	65				07	29.5	S	S 56	5.6			
6	-5.1	-12.2	-8.7	26.7			95	82	TR.	TR.	TR.	07	21.9	NNE	NNE33	0.0			
7	-2.4	-8.0	-5.2	23.2			96	82		0.8	0.8	07	22.2	E	E 33	0.0			
8	-5.5	-18.0	-11.8	29.8			93	78				07	17.3	W	NNW31*	6.3			
9	-10.4	-20.7	-15.6	33.6			93	71		TR.	TR.	07	11.9	S	S 20*	2.0			
10	-1.3	-13.1	-7.2	25.2			90	75				07	15.4	S	SSW35	3.3			
11	-0.3	-7.1	-3.7	21.7			94	74				07	18.3	S	S 30	7.0			
12	-4.0	-13.4	-8.7	26.7			91	72	TR.	TR.	TR.	06	23.5	NNW	NNW37*	1.4			
13	-12.1	-22.1	-17.1	35.1			93	73		0.4	0.4	06	7.3	NNW	NW 19	0.0			
14	-15.5	-28.7	-22.1	40.1			88	55		TR.	TR.	06	20.9	N	N 30	6.8			
15	-17.4	-31.2	-24.3	42.3			73	56				06	21.8	S	S 41*	2.9			
16	-9.6	-18.9	-14.3	32.3			92	71			1.6	06	19.8	NNW	NNW37*	0.8			
17	-19.0	-26.1	-22.6	40.6			81	56			0.8	07	26.1	NW	WNW35	7.5			
18	-19.7	-31.3	-25.5	43.5			70	55			0.6	07	19.0	S	SSE33*	7.1			
19	-16.1	-19.8	-18.0	36.0			75	64			0.6	08	13.6	SSE	SSE35	2.3			
20	0.2	-17.7	-8.8	26.8			94	67		TR.	TR.	08	15.6	S	S 35	7.6			
21	-3.5	-14.4	-9.0	27.0			97	77			TR.	08	17.5	S	S 37	2.4			
22	-2.3	-13.4	-7.9	25.9			95	77	TR.	6.8	6.6	08	29.4	S	NNW54	1.1			
23	-13.4	-20.8	-17.1	35.1			86	53				13	24.0	NNW	NNW44	3.5			
24	-15.7	-25.0	-20.4	38.4			76	53		0.4	0.4	13	7.2	S	NE 15	0.1			
25	-16.3	-22.1	-19.2	37.2			84	67		0.4	0.4	14	5.2	W	W 11	3.4			
26	-12.9	-21.3	-17.1	35.1			79	66			3.2	14	15.6	E	NNE26	0.0			
27	-10.5	-23.9	-17.2	35.2			87	66				16	24.1	S	S 48	5.4			
28	1.3	-10.6	-4.7	22.7			96	78				16	24.3	S	S 37*	2.7			
29	4.4	-7.1	-1.4	19.4			96	74	TR.	TR.	TR.	16	20.7	S	NW 41	2.0			
30	-2.1	-6.5	-4.3	22.3			98	90		0.2	0.2	14	12.2	NNE	NNE22*	4.8			
31	-0.8	-6.8	-3.8	21.8			97	79				14	20.6	SSE	SSE31	0.0			
MEAN MOYENNE	-6.8	-16.1	-11.5	913.1	TOTAL 0.0	TOTAL 0.0	90	71	TOT 0	TOTAL 0.2	TOTAL 15.0	TOTAL 14.0	20.1	PREVAILING DOMINANTE S	MAXIMALE S 59	TOTAL 90.7			
NORMAL NORMALE	-14.3	-24.2	-19.3	1154.7	0.0	0.0			0	0.2	23.7	21.3	18.6	S		121.2			
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 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			mm		cm							
										02 OR MORE - OU PLUS	10 OR MORE - OU PLUS	20 OR MORE - OU PLUS	100 OR MORE - OU PLUS	50.0 OR MORE - OU PLUS	02 OR MORE - OU PLUS	10 OR MORE - OU PLUS	20 OR MORE - OU PLUS	100 OR MORE - OU PLUS	50.0 OR MORE - OU PLUS
TOTAL FOR MONTH TOTAL DU MOIS	913.1	1142.8	1154.7	TOTAL FOR MONTH TOTAL DU MOIS	0.0	0.0	0.0												
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET	3315.2	3446.1	3434.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL	2024.4	1860.7	1783.2			10	3	2	0	0	9	3	2	0	0

UDC 551.506.1 ()

Note/avis

1. Climatological Day/Journée climatologique 00 01 C S.T. - 00 00 C S.T.

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 53.00

529.50

53.00

529.50

COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS À:		WINNIPEG INTERNATIONAL AIRPORT AÉROPORT INTERN. DE WINNIPEG				MONTH MOIS		JANUARY JANVIER		19 92					
Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	— ° Celsius — Millimètres/millimètres (mm) — 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								
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			NO. OF YEARS NO. D'ANNÉES		
						VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE				
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		4.4	29	2.4	18		7.8	23	1942			121			
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-31.3	18	-37.3	9					-44.4	15	1877	121		
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-11.5		-18.9		-19.3	-10.6		1944	-26.9		1875	121		
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		0.2		0.4		0.2	3.8		1944	0.0		1979**	121		
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		15.0		16.6		23.7	85.3		1916	2.8		1973**	121		
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		14.0		15.2		21.3	85.3		1916	2.5		1973**	121		
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		10		12		12	20		1954	3			121		
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		0.2	30	0.4	12		3.8	20	1944				121		
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		6.8	22	3.6	7		31.8	2	1907				121		
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		6.6	22	3.0*	22		31.8	2	1907				121		
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN															
5 MINUTES		0.2	30	M									40		
10 MINUTES		0.2	30	M									40		
15 MINUTES		0.2	30	M									40		
30 MINUTES		0.2	30	M									40		
60 MINUTES		0.2	30	M									40		
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES		0.2	30	M			3.8	20	1944				121		
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		20.1		15.1		18.6	22.9		1943**	12.6		1979	72		
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)		S59	3	SSW48	22		N 79	13	1942				54		
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S78	3	NNW61	19		SSE106	26	1982				46		
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		90.7		139.3		121.2	160.3		1959	63.5		1931	111		
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.56		98.91		98.96	99.72		1966	98.06		1990	54		
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.13	18	101.12	6		102.07	10	1949				54		
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.61	22	95.72	22					94.81	14	1947	54		
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES													TEN / DIX	YEARS DERNIÈRE ANNÉES	(10)
YEAR ANNÉE	MAXIMUM TEMP MAXIMALE	MINIMUM TEMP MINIMALE	MEAN 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 HEURES INSOLATION	HEATING DEGREE-DAYS DE CHAUFFE	GROWING DEGREE-DAYS DE CROISSANCE	COOLING DEGREE-DAYS DE RÉFRIGÉRATION			
1983	0.9	-30.2	-12.4	0.2	14.8	12.7	19.8	SSE 50	77.0	942.1					
1984	4.3	-33.1	-16.7	Tr.	16.2	12.2	16.0	SSE 43	125.6	1074.8					
1985	0.9	-37.0	-17.8	Tr.	14.2	11.1	17.4	NNW 61	121.8	1109.5					
1986	7.3	-33.7	-13.1	0.6	10.4	9.6	15.5	NW 70	99.7	964.0					
1987	5.7	-35.4	-11.8	Tr.	11.0	10.4	15.2	SSE 63	99.2	923.4					
1988	1.0	-33.0	-18.2	0.4	10.2	8.8	15.9	NNW 46	120.3	1123.7					
1989	2.2	-35.7	-15.8	Tr.	58.3	52.2	17.2	NNE 54	107.8	1047.6					
1990	5.1	-32.4	-11.6	0.8	26.0	24.4	16.2	NW 69	103.2	918.0					
1991	2.4	-37.3	-18.9	0.4	16.6	15.2	15.1	SSW 48	139.3	1142.8					
1992	4.4	-31.3	-11.5	0.2	15.0	14.0	20.1	S 59	90.7	913.1					

Note/avis 1. Climatological Day/Journee climatologique 00 01 C.S.T. - 00 00 S.T.
 2. Normal/Normale 1951-1980
 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 TEMPERATURES AT:
TEMPERATURES DU THERMOMETRE SEC A:

WINNIPEG INTERNATIONAL AIRPORT
AEROPORT INTERN. DE WINNIPEG

1992
1992

MONTH:
MOIS:

JANUARY
JANVIER

Page 3.

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	-35	-40	-46	-49	-57	-69	-74	-80	-79	-75	-70	-68	-67	-57	-48	-39	-41	-47	-49	-47	-49	-56	-57	-61
2	-44	-33	-29	-25	-21	-21	-18	-21	-25	-26	-23	-22	-15	-4	4	7	8	7	8	8	9	8	8	9
3	7	7	6	0	2	0	-2	-4	-4	-9	-8	-1	6	5	10	10	10	7	-5	-14	-28	-33	-38	-45
4	-63	-78	-80	-99	-106	-118	-121	-121	-118	-105	-92	-76	-53	-39	-27	-31	-33	-36	-36	-21	-8	-7	-7	-4
5	-4	-4	-3	-1	4	3	-2	-6	-12	-16	-16	-15	-12	-14	-7	-8	-27	-39	-54	-61	-64	-57	-52	-48
6	-45	-47	-50	-52	-59	-59	-73	-79	-83	-93	-103	-104	-101	-106	-110	-111	-112	-117	-119	-115	-108	-95	-94	-85
7	-80	-75	-70	-64	-58	-60	-67	-68	-68	-61	-56	-45	-29	-25	-25	-25	-29	-29	-31	-34	-35	-36	-37	-46
8	-54	-59	-58	-63	-78	-88	-98	-120	-134	-155	-159	-151	-152	-146	-145	-130	-141	-145	-162	-157	-172	-162	-170	-163
9	-169	-183	-187	-194	-195	-199	-202	-198	-193	-191	-177	-166	-158	-140	-119	-106	-106	-123	-123	-128	-139	-126	-122	-124
10	-127	-129	-128	-113	-93	-90	-82	-77	-65	-58	-46	-37	-22	-21	-14	-17	-21	-25	-29	-35	-53	-43	-52	-59
11	-61	-62	-66	-60	-51	-48	-52	-64	-67	-66	-67	-59	-50	-36	-25	-9	-4	-17	-18	-24	-41	-35	-36	-36
12	-40	-43	-41	-44	-46	-48	-57	-69	-90	-101	-105	-107	-108	-113	-118	-122	-123	-131	-133	-132	-128	-124	-123	-123
13	-122	-134	-150	-168	-185	-174	-192	-199	-216	-216	-195	-180	-169	-157	-153	-148	-147	-150	-151	-150	-153	-153	-153	-153
14	-155	-159	-189	-212	-221	-240	-250	-258	-265	-272	-279	-285	-285	-282	-282	-278	-281	-283	-286	-283	-285	-282	-283	-283
15	-279	-280	-293	-290	-292	-294	-307	-303	-302	-302	-297	-274	-264	-257	-253	-246	-240	-228	-218	-208	-208	-199	-192	-182
16	-174	-170	-165	-152	-144	-141	-134	-131	-127	-123	-117	-119	-115	-103	-101	-105	-107	-106	-124	-148	-161	-168	-165	-180
17	-189	-207	-219	-224	-229	-234	-239	-242	-248	-252	-250	-245	-242	-238	-239	-238	-237	-241	-246	-251	-258	-256	-250	-255
18	-260	-263	-279	-279	-287	-290	-291	-306	-309	-308	-289	-272	-274	-263	-262	-254	-253	-258	-245	-235	-229	-225	-217	-210
19	-197	-186	-174	-169	-168	-165	-162	-162	-162	-163	-170	-170	-170	-169	-172	-174	-171	-174	-183	-188	-185	-188	-186	-189
20	-179	-172	-163	-153	-148	-147	-145	-139	-136	-133	-117	-76	-31	-15	-8	-5	-6	-18	-46	-61	-68	-82	-132	-131
21	-99	-124	-111	-128	-131	-128	-142	-126	-119	-116	-105	-93	-88	-76	-57	-58	-43	-36	-39	-39	-41	-47	-50	-57
22	-62	-65	-73	-75	-74	-78	-79	-81	-79	-74	-65	-52	-35	-26	-33	-62	-91	-82	-80	-82	-97	-109	-120	-125
23	-134	-137	-142	-143	-148	-160	-171	-186	-197	-206	-204	-200	-194	-180	-166	-162	-158	-158	-162	-166	-164	-175	-184	-193
24	-206	-212	-233	-232	-234	-233	-235	-235	-238	-238	-227	-204	-188	-180	-174	-163	-158	-161	-160	-165	-166	-166	-167	-169
25	-171	-172	-174	-173	-174	-175	-174	-192	-199	-201	-181	-177	-171	-175	-168	-164	-171	-192	-199	-196	-209	-213	-214	-206
26	-195	-172	-177	-177	-175	-174	-173	-168	-164	-162	-152	-150	-145	-140	-139	-135	-131	-134	-142	-143	-148	-172	-186	-196
27	-212	-214	-214	-218	-229	-232	-229	-228	-237	-232	-220	-193	-169	-162	-145	-139	-134	-131	-130	-130	-123	-115	-114	-107
28	-105	-99	-102	-96	-101	-96	-89	-87	-83	-81	-75	-59	-38	-18	-3	5	11	-6	-17	-37	-50	-47	-57	-68
29	-68	-68	-60	-52	-42	-38	-32	-33	-24	-19	-12	7	37	39	3	-9	-11	-18	-20	-25	-27	-35	-39	-63
30	-42	-45	-46	-43	-40	-37	-36	-32	-30	-31	-36	-37	-29	-36	-25	-22	-25	-23	-27	-35	-44	-52	-59	-63
31	-64	-65	-65	-65	-67	-63	-64	-63	-61	-57	-53	-47	-49	-50	-47	-42	-36	-35	-33	-29	-32	-26	-24	-11

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

WINDS (km/h) AT:
DES VENTS (km/h) A:

WINNIPEG INTERNATIONAL AIRPORT
AEROPORT INTERN. DE WINNIPEG

MONTH: JANUARY
MOIS: JANVIER 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	Peak Gust Rafale Max	Hour/Date Heure/Date
1	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	1544
2	S	S	S	SSE	S	SSE	SSE	S	S	SSE	SSE	S	S	S	SSE	S	S	S	S	S	S	S	S	S	S	1912
3	S	S	S	S	S	S	S	S	S	S	S	SW	W	WNW	NW	WNW	W	WSW	WSW	WSW	WSW	WSW	W	W	S	0225
4	WSW	WSW	WSW	S	SSE	S	S	S	S	S	S	S	S	SSE	S	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	2250
5	S	S	S	S	S	S	S	S	S	S	SSW	S	SSW	SW	SW	SW	WSW	W	W	W	W	W	W	W	S	0055
6	WNW	WNW	NW	NW	NW	NNW	NW	NNW	N	N	NNE	NNE	NNE	NNE	N	NNE	NNE	NE	NE	NE	NE	NE	ENE	E	WNW	0120
7	E	E	E	E	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSE	SSE	SSE	S	S	SSW	SSW	SSW	SSW	WNW	E	0632
8	WNW	WNW	NNW	NNW	NNW	N	N	NNW	NNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	W	W	NNW	0530
9	S	SSW	SSW	S	SSE	S	S	S	S	S	S	S	S	S	S	S	W	W	WSW	WSW	WSW	WSW	SSW	S	S	
10	S	SSW	S	S	S	S	S	S	SSW	SSW	SSW	WSW	W	W	WNW	WNW	NW	WNW	W	WNW	NE	ENE	ESE	ESE	S	0827
11	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	S	S	S	S	S	S	S	S	SSW	SW	SW	SSW	SW	W	W	WNW	S	0930
12	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	N	N	N	N	NNW	NW	NW	NW	NNW	NNW	0603
13	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNW	C	N	NNW	NNW	C	C	C	C	C	NNW	NNW	NNW	
14	N	NNW	NNE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	WNW	W	W	WNW	W	N	0829
15	WNW	W	W	WNW	WNW	WNW	NW	W	SSW	WSW	WSW	WSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	2050
16	S	S	S	S	S	S	S	S	S	C	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	N	N	NNW	WNW	NW	NNW	2340
17	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	NW	NW	WNW	WNW	W	WNW	WNW	WNW	NNW	0025
18	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	S	SSW	S	S	S	S	S	S	SSE	SSE	S	2358
19	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	N	NNE	NNE	N	N	N	N	N	NNE	NE	ENE	ENE	ENE	C	S	SSE	SSE	0030
20	SSE	S	S	S	S	S	S	S	S	SSW	SW	WSW	W	W	WNW	W	WSW	W	W	C	NNW	N	N	NNW	S	0630
21	E	E	S	SE	S	SSE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	2029
22	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	WNW	WNW	WNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	2020
23	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	0105
24	W	WNW	WNW	WNW	W	W	C	C	S	S	SSE	SSE	S	S	SE	ESE	SSE	E	NE	NE	NE	NE	NNE	NNE	NNE	
25	NNE	N	C	N	NNW	NW	W	C	W	W	C	WNW	WNW	NW	W	WNW	WNW	W	W	W	WNW	WSW	N	C		
26	ENE	E	E	E	E	E	E	E	E	E	ENE	NE	NE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	1344
27	NW	NW	WNW	W	W	W	C	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	1939
28	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SSW	SSE	S	S	SSW	S	S	0108
29	SSE	SSW	S	SSE	S	S	S	S	S	S	S	S	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	1944
30	W	WSW	SE	SSE	SSE	S	S	S	S	SSW	SW	W	W	WNW	WNW	NW	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	
31	NE	ENE	ENE	ENE	E	E	ESE	SE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	2331

Note/Avis: 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/Unite = 1.0 km/h
 4. C = Calm/Calme
 5. M = Missing/Manquant

HOURLY DEW POINT TEMPERATURE AT: WINNIPEG INTERNATIONAL AIRPORT
 TEMPERATURE DE ROSEE HORAIRE A: AEROPORT INTERN. DE WINNIPEG

MONTH: JANUARY
 MOIS: JANVIER

1992
 1992

Page 5.

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	-44	-46	-53	-60	-65	-75	-82	-89	-88	-84	-78	-77	-76	-70	-62	-52	-54	-59	-57	-56	-57	-62	-65	-67
2	-50	-38	-35	-32	-28	-27	-25	-25	-28	-29	-27	-26	-18	-14	-12	-12	-10	-10	-12	-13	-12	-12	-14	-16
3	-16	-16	-14	-13	-11	-11	-12	-14	-16	-23	-31	-31	-25	-29	-24	-23	-18	-15	-29	-39	-55	-63	-70	-74
4	-85	-95	-95	-107	-115	-129	-132	-130	-129	-117	-103	-91	-79	-71	-56	-51	-46	-53	-45	-29	-20	-21	-26	-20
5	-19	-19	-15	-12	-9	-10	-15	-20	-26	-31	-38	-50	-51	-59	-62	-57	-62	-76	-82	-90	-88	-83	-79	-78
6	-77	-73	-67	-72	-78	-78	-93	-99	-100	-108	-126	-126	-123	-119	-126	-130	-127	-128	-132	-127	-119	-104	-103	-93
7	-87	-83	-77	-70	-64	-67	-75	-77	-78	-72	-68	-59	-53	-52	-46	-43	-43	-41	-40	-42	-44	-45	-47	-67
8	-76	-75	-75	-86	-100	-108	-119	-143	-153	-175	-174	-168	-172	-170	-170	-160	-169	-168	-181	-178	-187	-181	-175	-175
9	-177	-194	-198	-203	-205	-231	-240	-230	-223	-221	-206	-193	-186	-169	-150	-133	-133	-144	-138	-141	-152	-146	-133	-135
10	-139	-146	-146	-132	-113	-111	-103	-99	-87	-83	-73	-68	-57	-57	-52	-54	-54	-55	-55	-57	-69	-62	-79	-84
11	-79	-77	-76	-70	-64	-61	-65	-74	-75	-76	-82	-81	-77	-69	-60	-51	-43	-49	-50	-54	-66	-59	-57	-56
12	-59	-56	-57	-59	-62	-66	-75	-91	-116	-136	-139	-141	-146	-152	-154	-162	-163	-165	-162	-159	-153	-150	-145	-145
13	-145	-155	-169	-183	-200	-185	-202	-210	-229	-228	-206	-193	-183	-177	-173	-172	-173	-171	-172	-174	-174	-172	-172	-172
14	-173	-177	-204	-233	-239	-311	-300	-304	-314	-322	-330	-337	-339	-339	-342	-341	-343	-343	-344	-338	-337	-342	-343	-338
15	-338	-334	-347	-346	-345	-347	-356	-354	-344	-347	-345	-330	-325	-322	-314	-302	-296	-283	-268	-252	-250	-240	-231	-221
16	-212	-206	-201	-189	-180	-174	-162	-154	-147	-137	-132	-133	-130	-120	-120	-126	-133	-133	-148	-173	-186	-189	-190	-203
17	-214	-230	-244	-300	-289	-287	-296	-297	-299	-306	-304	-299	-297	-294	-292	-293	-294	-300	-303	-306	-314	-313	-310	-315
18	-319	-321	-334	-331	-338	-341	-341	-349	-355	-350	-332	-320	-329	-321	-322	-315	-310	-310	-296	-282	-278	-273	-260	-251
19	-235	-222	-212	-204	-204	-199	-197	-197	-195	-198	-206	-207	-208	-212	-215	-221	-222	-222	-230	-235	-234	-233	-231	-232
20	-224	-215	-203	-191	-184	-180	-177	-170	-164	-161	-146	-108	-75	-63	-55	-52	-54	-64	-77	-72	-90	-93	-153	-143
21	-108	-140	-117	-136	-140	-141	-154	-138	-130	-125	-114	-100	-99	-99	-88	-85	-67	-59	-58	-57	-61	-65	-65	-70
22	-75	-75	-82	-85	-83	-87	-89	-92	-90	-88	-83	-77	-68	-60	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63
23	-155	-159	-164	-165	-169	-182	-193	-208	-220	-261	-255	-248	-241	-230	-222	-230	-232	-229	-222	-226	-224	-231	-239	-243
24	-251	-253	-272	-278	-273	-268	-273	-278	-277	-281	-263	-239	-227	-231	-224	-218	-223	-234	-214	-206	-206	-206	-203	-204
25	-206	-208	-208	-208	-208	-210	-208	-223	-233	-235	-204	-207	-204	-207	-201	-204	-214	-227	-234	-232	-244	-253	-254	-245
26	-233	-207	-218	-220	-216	-215	-211	-205	-200	-196	-187	-186	-181	-172	-173	-166	-162	-164	-171	-171	-179	-205	-222	-235
27	-253	-253	-252	-256	-271	-273	-269	-268	-279	-274	-257	-230	-211	-206	-189	-180	-172	-165	-160	-155	-147	-134	-131	-126
28	-124	-118	-120	-115	-119	-115	-108	-104	-101	-98	-92	-81	-65	-50	-35	-27	-22	-29	-37	-51	-62	-61	-66	-77
29	-78	-80	-73	-69	-60	-57	-51	-51	-42	-36	-30	-19	-2	-1	-14	-18	-29	-31	-36	-37	-39	-40	-45	-46
30	-47	-51	-53	-48	-45	-42	-41	-36	-34	-35	-39	-41	-32	-40	-30	-29	-39	-35	-39	-47	-51	-60	-72	-77
31	-78	-80	-79	-77	-76	-70	-72	-71	-68	-66	-63	-57	-61	-73	-68	-62	-57	-57	-57	-56	-59	-54	-43	-18

Note/Avis: 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/Unite = 0.1°C

HOURLY RELATIVE HUMIDITY AT: HUMIDITE HORAIRE A:		WINNIPEG INTERNATIONAL AIRPORT AEROPORT INTERN. DE WINNIPEG												MONTH: JANUARY MOIS: JANVIER		1992 1992		PAGE 6.						
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	94	96	95	92	95	96	95	93	95	93	93	95	92	88	91	92	90	89	95	91	95	95	93	94
2	96	99	97	96	94	94	96	96	98	98	99	96	99	94	88	87	86	90	86	83	86	86	83	83
3	87	87	87	91	92	93	93	94	92	90	86	81	80	77	78	78	81	87	84	84	83	81	80	81
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5	89	89	91	93	91	90	91	89	88	89	84	77	74	71	65	70	77	76	82	80	83	82	82	80
6	79	82	88	86	87	87	86	87	89	91	85	85	82	90	87	87	87	89	89	91	92	94	94	94
7	95	94	95	96	96	95	92	96	93	92	90	89	83	82	86	88	91	91	93	95	93	93	91	85
8	86	90	90	85	85	86	85	83	88	86	90	86	83	81	81	78	79	83	85	82	86	86	91	92
9	93	93	89	93	92	77	71	77	78	75	75	78	80	79	80	80	80	85	89	91	91	85	89	92
10	89	88	88	86	86	86	85	83	85	83	81	79	76	76	77	75	77	80	83	85	90	87	80	83
11	88	88	92	92	91	93	89	94	92	92	87	85	82	77	77	74	75	78	79	80	82	83	85	85
12	86	91	88	89	87	89	86	86	81	74	76	76	75	74	76	73	72	78	77	78	78	79	82	85
13	83	84	86	89	88	93	88	93	87	87	93	89	89	82	86	73	79	83	83	83	83	86	86	86
14	86	86	88	81	87	50	63	69	59	58	66	65	65	56	56	56	56	55	55	65	65	56	55	65
15	56	56	63	53	64	63	62	62	63	63	63	57	59	53	62	56	57	60	62	70	70	72	69	70
16	73	74	74	71	73	76	81	81	85	92	86	89	89	87	85	85	79	79	82	83	79	84	81	83
17	82	80	81	50	58	62	61	57	63	63	63	64	57	57	57	65	59	57	56	63	60	60	60	57
18	58	59	60	59	63	62	62	63	62	65	67	63	60	59	57	55	59	63	64	66	65	66	68	70
19	70	73	72	75	75	75	73	73	75	75	74	73	73	68	67	67	65	66	69	68	64	68	69	68
20	70	67	73	74	74	76	76	78	78	81	77	77	72	69	72	70	70	72	79	92	86	90	81	91
21	94	85	96	95	91	91	90	91	92	92	93	97	94	83	77	83	85	83	88	88	86	85	89	88
22	90	92	95	93	93	95	93	90	90	91	87	80	79	77	81	81	84	82	90	93	91	90	89	89
23	84	81	84	83	86	82	85	83	83	60	65	66	67	65	60	53	53	53	57	60	60	62	64	67
24	65	70	73	66	73	73	73	66	72	72	74	76	73	65	66	64	57	53	61	73	73	73	73	76
25	72	72	75	75	75	75	75	73	77	72	84	75	76	75	76	73	67	73	72	72	76	69	69	71
26	72	72	71	66	71	71	75	76	73	73	75	75	72	77	77	77	78	77	77	77	79	76	74	72
27	70	75	75	74	66	66	73	71	68	66	72	72	72	69	69	73	74	75	78	81	82	86	87	85
28	86	87	85	86	85	86	86	87	89	87	88	85	82	79	80	80	78	84	86	89	91	89	93	96
29	93	93	90	87	86	88	85	89	88	89	86	83	76	74	88	89	86	86	89	89	90	90	93	96
30	94	96	94	98	96	95	97	95	97	97	97	97	99	97	96	94	90	94	90	91	96	93	92	92
31	91	89	89	92	92	96	94	94	95	94	93	93	92	84	83	84	85	85	85	81	79	80	88	94

Note/Avis: 1. Climatological Day/Journee climatologique 0001 C.S.F. - 0000 C.S.F.

2. Hours are C.S.F./Les heures sont a l'heure normale de la localite

3. Unit/Unite = percent/pour cent

CLIMATOLOGICAL SUMMARY FOR JANUARY 1992

AT WINNIPEG

Somehow, it seems appropriate that during a month when the MP for Regina-Wescana announced \$85 million for research into global warming, the mean temperature at Winnipeg ranks as one of the warmest on record. In fact the mean temperature of -11.5 displaces the January 1990 mean temperature of -11.6 as the third warmest since record keeping began in 1872.

Three temperature records were broken late in the month. They were a high maximum of 4.4 on the 29th, and high minima of -6.5 and -6.8 on the 30th and 31st respectively. The heating degree total of 913.1 was well below the normal of 1154.7. In terms of dollars and cents, this means that your heating bill should be about 80% of normal.

The precipitation total of 14.0 mm was about 66% of normal. Freezing precipitation fell on 6 days but only added up to 0.2 mm. Dense fog occurred twice during the month, while cloudy skies kept sunshine to a mere 90.7 hours, 75% of normal.

DAILY WEATHER SUMMARY FOR JANUARY, 1992 AT WINNIPEG, MANITOBA

1. Overcast with light freezing drizzle overnight. Temperatures well above normal. Winds moderate.
2. Overcast with light freezing drizzle overnight. Temperatures well above normal. Winds moderate with strong gusts becoming strong with gusts to gale force by late evening.
3. Mainly cloudy clearing by late afternoon. Temperatures well above normal. Winds strong with gusts to gale decreasing to light by late afternoon.
4. Clear becoming overcast with a brief light flurry by late afternoon. Temperatures well above normal. Winds light increasing to moderate by late morning and to strong with gusts to gale by early evening.
5. Overcast becoming variable cloudiness by early morning and overcast again by early evening. Temperatures well above normal. Winds strong with gusts to gale decreasing to light by early afternoon.
6. Overcast with snow overnight and again by early afternoon accompanied by light freezing drizzle in the late evening. Temperatures well above average. Winds moderate decreasing to light by early evening.
7. Overcast with snow ending overnight and again by early afternoon ending by late evening. Temperatures well above normal. Winds light increasing overnight to moderate and decreasing to light by early afternoon.
8. Overcast clearing by early morning. Maximum temperatures well above normal and minimum temperatures above normal. Winds light increasing to moderate overnight and decreasing to light by early morning.
9. Clear becoming mainly sunny by early morning and cloudy by late morning and decreasing to sunny by late afternoon. Temperatures slightly above normal. Winds light.
10. Becoming cloudy overnight clearing late evening. Temperatures well above normal. Winds increasing to moderate overnight and decreasing to light by late morning.
11. Sunny becoming overcast by late evening. Temperatures well above normal. Winds light increasing to moderate by early morning and decreasing to light by late afternoon.
12. Overcast becoming mainly cloudy by early afternoon. A mixture of light freezing drizzle and snow overnight with light snow by late evening. Temperatures well above normal. Winds increasing to moderate overnight with strong gusts in the morning decreasing to light by early afternoon.
13. Clearing and snow ending overnight becoming overcast by early afternoon with snow by early evening. Temperatures slightly above normal. Winds light.
14. Clearing and snow ending overnight. Maximum temperatures near normal and minimum temperatures below normal. Winds light increasing to moderate by early morning and decreasing to light by late afternoon.
15. Clear increasing to overcast by early afternoon. Maximum temperatures near normal and minimum temperatures below normal. Winds light increasing to moderate with strong gusts by early afternoon.
15. Overcast with snow by early morning clearing and snow ending by late evening. Temperatures above normal. Winds decreasing to light overnight and increasing to moderate with strong gusts by early afternoon.
17. Mainly sunny. Maximum temperatures slightly below normal and minimum temperatures near normal. Winds moderate decreasing to light by late afternoon.
18. Clear becoming overcast with light snow by early evening. Temperatures below normal. Winds light increasing to moderate by early afternoon with strong gusts by late evening.
19. Overcast with snow ending and clearing by early afternoon and becoming cloudy by late evening. Maximum temperatures near normal and minimum temperatures above normal. Winds moderate with strong gusts decreasing to light by early morning.
20. Cloudy with snow overnight clearing by early morning. Temperatures well above normal. Winds increasing to moderate overnight and decreasing to light by late morning.
21. Mainly sunny with fog overnight becoming cloudy by late evening. Temperatures well above normal. Winds light increasing to moderate by early afternoon.
22. Variable cloud with snow and freezing drizzle overnight becoming overcast with snow by late afternoon and visibility reduced under 1 KM in snow and blowing snow in early evening. Temperatures well above normal. Winds moderate increasing to strong with gusts to gale in early evening and decreasing to moderate by late evening.
23. Clearing and snow ending overnight with variable cloud becoming clear by late evening. Maximum temperature near normal and minimum temperature slightly above. Winds moderate decreasing to light by early afternoon.
24. Clear becoming overcast by early afternoon and snow by late afternoon. Temperatures near normal. Winds light.
25. Overcast with snow ending overnight becoming sunny by early morning and increasing cloud by early afternoon. Temperatures near normal. Winds light.
26. Overcast with snow overnight becoming clear and snow ending by late evening. Maximum temperatures near normal and minimum temperatures slightly above normal. Winds light increasing to moderate by late afternoon and decreasing to light by early evening.
27. Sunny. Maximum temperatures slightly above normal and minimum temperatures near normal. Winds light increasing to moderate by late morning with strong gusts by early afternoon.
28. Sunny becoming cloudy by early morning and clearing by late afternoon. Temperatures well above normal. Winds moderate decreasing to light by early afternoon.
29. Becoming overcast overnight with showers and freezing rain in early morning and snow in early afternoon. Temperatures well above normal. Winds light increasing to moderate with strong gusts by early afternoon decreasing to light by late evening.
30. Overcast with freezing drizzle and fog overnight ending in early morning and clearing in late morning becoming overcast by late afternoon with freezing drizzle in early evening. Temperatures well above normal. Winds light.
31. Overcast. Temperatures well above normal. Winds light increasing to moderate by late morning.