

MONTHLY METEOROLOGICAL SUMMARY

SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS: MARCH
 AT/A: WINNIPEG INT'L AIRPORT

19 93

LAT: 049° 054' N		LONG: 097° 017' W		ELEVATION ALTITUDE: 240		METRES (ASL) MÉTRES (NNM)		STANDARD TIME USED: CENTRAL		HEURE NORMALE UTILISÉE:							
DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRÉS-JOURS			REL. HUMIDITY HUMIDITÉ REL.		PRECIPITATION PRÉCIPITATIONS			WIND VENT		BRIGHT SUNSHINE INSOLATION EFFECTIVE HOURS HEURES			
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE REFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. TOTALE	SNOW ON GROUND NEIGE AU SOL		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION 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	cm	km/h		km/h	
1	4.9	-3.1	0.9	17.1			93	65					30	10.1	WSW	WSW 22	9.7
2	7.8	-8.0	-0.1	18.1			93	57					28	2.5	N	N 7	5.9
3	3.0	-2.4	0.3	17.7			100	75		TR	TR	TR	28	13.3	S	S 26	0.4
4	3.8	-5.0	-0.6	18.6			100	70					28	10.5	W	S 19	8.4
5	4.0	-6.6	-1.3	19.3			93	75					14	10.5	S	N 17	9.1
6	2.7	-3.8	-0.6	18.6			100	80		TR	TR	TR	14	14.0	N*	N 22	0.7
7	1.5	-3.2	-0.9	18.9			93	75		TR	TR	TR	12	21.8	N	NNW 28	0.4
8	-1.0	-4.0	-2.5	20.5			93	69		TR	TR	TR	12	11.7	NNW	NNW 22	2.3
9	0.6	-9.4	-4.4	22.4			93	79			3.6	3.2	10	19.5	S	NNW 30	0.0
10	-9.4	-19.2	-14.3	32.3			92	51			TR	TR	11	17.6	N	N 32	9.1
11	-6.5	-20.6	-13.6	31.6			86	55			1.8	1.0	11	14.4	S*	SSW 26	3.4
12	-11.8	-21.9	-16.9	34.9			77	50					12	17.3	NNW	N 26	10.1
13	-12.6	-24.9	-18.8	36.8			76	47			TR	TR	12	5.0	S	S 13	7.9
14	-5.2	-19.6	-12.4	30.4			79	45			TR	TR	12	14.8	S	S 28	8.3
15	-6.7	-12.8	-9.8	27.8			92	72			5.2	3.3	12	20.2	S	SSE 32	5.1
16	-15.5	-23.2	-19.4	37.4			78	49			TR	TR	17	22.9	N	NW 41	9.8
17	-11.6	-25.1	-18.4	36.4			71	51					17	22.8	SW	S 33	10.7
18	-3.7	-17.1	-10.4	28.4			93	65					16	41.7	S	S 50	6.8
19	-1.0	-9.6	-5.3	23.3			93	79			0.4	0.4	15	29.5	S*	S 48	1.0
20	-9.1	-19.2	-14.2	32.2			85	72			TR	TR	15	9.6	NW	NNW 26	9.6
21	-5.7	-20.8	-13.3	31.3			92	48					15	6.1	S	S 17	11.0
22	0.4	-12.5	-6.1	24.1			93	74					15	34.6	S	S 50	7.4
23	1.6	-4.5	-1.5	19.5			93	80					15	40.8	S	SSE 48	9.7
24	4.8	-0.1	2.4	15.6			93	80					13	36.5	S	S 44	10.1
25	2.2	0.6	1.4	16.6			100	93		TR		TR	10	29.6	S	S 41	0.0
26	3.4	0.6	2.0	16.0			100	93		TR		TR	4	8.8	N	E 19	0.0
27	3.5	0.9	2.2	15.8			100	93		TR		TR	3	11.9	ENE	NNE 24	0.0
28	2.8	0.7	1.8	16.2			100	87		1.8		1.8	2	24.6	NNE	NE 33	0.0
29	2.6	0.2	1.4	16.6			93	86					2	17.5	NNE	NNE 20	0.0
30	5.3	0.1	2.7	15.3			93	70			TR	TR	TR	25.2	NE	NE 37	0.4
31	2.6	-4.4	-0.9	18.9			80	40			TR	TR	TR	26.5	NE	NE 33	9.9
MEAN MOYENNE	-1.4	-9.6	-5.5	TOTAL 728.6	TOTAL 0.0	TOTAL 0.0	91	69	TOT 0	TOTAL 1.8	TOTAL 11.0	TOTAL 9.7		19.1	PREVAILING S	MAXIMALE S 50	TOTAL 167.2
NORMAL NORMALE	-1.8	-12.4	-7.0	778.5	1.8	0.0			0	5.9	19.2	23.1		18.0	S		177.7

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS								DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS					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 9°C AU-DESSUS DE 9°C	THIS YEAR ANNÉE EN COURS	PREVIOUS YEAR ANNÉE PRÉCÉDENTE	NORMAL NORMALE	0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS	0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS
TOTAL FOR MONTH TOTAL DU MOIS	728.6	691.7	778.5	TOTAL FOR MONTH TOTAL DU MOIS	0.0	0.0	1.8	5	4	2	0	0	4	3	2	0	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET	5231.6	4822.0	5164.5	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL	1523.2	2024.4	1802.1	5	4	2	0	0	4	3	2	0	0

UDC 551.506 1 () Note/Aviz 1. Climatological Day/Journée climatologique 00 01 C S.T. - 23 00 C S.T.

2. Normal/Normale 1951-1990

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 \$3.00 \$29.50 \$3.00 \$29.50

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

COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS A		WINNIPEG INT'L AIRPORT				MONTH MOIS MARCH			93				
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			RECORD RECORD
						VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE		
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		7.8	2	7.0	28		23.3	27	1946			121	
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-25.1	17	-17.5	20					-38.9	3	1873	121
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-5.5		-4.3		-7.0	1.6		1878	-16.1		1899	121
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		1.8		8.6		5.9	67.8		1945	0.0		1956	121
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		11.0		15.8		19.2	76.2		1904	0.8		1946	121
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		9.7		19.0		23.1	76.2		1904	1.5		1939	121
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		5		9		9	17		1944	3		SVRL	121
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		1.8	28	5.0	6		32.0	9	1978				121
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		5.2	15	5.0	13		38.1	4	1935				121
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		3.3	15	5.7	7		38.1	4	1935				121
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		0.4	28	0.0	0		1.3	14	1990				40
10 MINUTES		0.8	28	0.0	0		1.7	14	1990				40
15 MINUTES		1.2	28	0.0	0		2.0	14	1990				40
30 MINUTES		1.4	28	0.0	0		2.7	30	1982				40
60 MINUTES		1.6	28	0.0	0		4.1	30	1982				40
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES		1.8	28	5.0	6		32.0	9	1878				121
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		19.1		15.3		18.0	25.6		1944	12.6		1924	72
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)		S 50	18	S 41	15		NW 81	13	1982				54
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		S 72	18	S 59	28		N113	4	1966				46
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		167.2		162.6		177.7	217.4		1970	103.0		1903	111
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		99.02		98.88		98.78	99.83		1947	98.09		1945	54
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.78	12	99.97	31		01.80	12	1951				54
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.57	7	97.26	1					95.01	12	1982	54
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES										YEARS DÉRIÈRE ANNÉES			
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 MOYENNE DES VENTS	MAXIMUM WIND SPEED MAXIMALE DES VENTS	SUNSHINE HEURES INSOLATION	HEATING DEGREES-DAYS DE CHAUFFE	GROWING DEGREES-DAYS DE CROISSANCE	COOLING DEGREES-DAYS DE REFRIGÉRATION	SNOWFAL SEPT. 1
1984	10.3	-27.4	-7.1	2.6	12.0	11.7	15.2	NNW 59	195.5	776.2	0.1	0.0	61.5
1985	9.2	-21.4	-2.8	4.0	2.8	6.8	18.9	C 46	206.9	643.9	0.0	0.0	89.0
1986	11.9	-26.7	-4.4	3.0	14.2	16.9	15.6	WNW 43	189.4	693.3	7.0	0.0	113.7
1987	9.9	-26.0	-4.7	1.4	12.6	13.3	15.8	N 43	155.7	704.4	0.9	0.0	120.2
1988	10.9	-17.8	-4.5	4.2	22.2	24.2	18.1	WNW 48	187.4	697.9	0.0	0.0	65.0
1989	4.8	-30.2	-10.2	5.9	16.5	20.0	15.3	S 50	172.7	873.0	0.0	0.0	146.7
1990	12.9	-23.7	-4.1	19.6	12.6	32.8	18.0	NNW 46	185.8	685.8	4.0	0.0	88.4
1991	13.7	-29.9	-5.4	1.2	27.8	27.6	15.5	NNE 41	197.7	724.2	1.6	0.0	97.1
1992	7.0	-17.5	-4.3	8.6	15.8	19.0	15.3	S 41	162.6	691.7	0.0	0.0	121.2
1993	7.8	-25.1	-5.5	1.8	11.0	9.7	19.1	S 50	167.2	728.6	0.0	0.0	111.0

Note/Avs 1. Climatological Day/Jourée climatologique 00 01 C.S.T. - 23 00 C.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 TEMPERATURE SUMMARY
 SOMMAIRE DES TEMPERATURES DU THERMOMETRE SEC

WINNIPEG INT'L AIRPORT

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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	-23	-23	-18	16	15	8	0	-24	-12	-2	15	25	29	33	39	44	48	45	37	17	10	-14	-17	-14	10
A	-28	-39	-37	-50	-59	-77	-78	-68	-71	-50	-45	-23	18	54	69	59	70	37	37	8	7	18	29	29	-8
T	24	23	18	10	3	7	6	0	5	3	-2	3	10	12	14	14	11	10	9	3	-6	-12	-15	-20	5
E	-18	-28	-35	-32	-40	-46	-41	-47	-45	-22	-8	3	22	35	31	33	31	30	18	4	-5	-11	-14	-24	-9
	-26	-32	-43	-50	-56	-59	-65	-64	-60	-49	-28	-11	6	11	13	15	16	8	-3	-15	-21	-31	-22	-30	-25
	-35	-36	-30	-25	-22	-22	-21	-20	-20	-22	-24	-26	-23	-18	-12	-3	6	20	18	14	4	1	15	18	-11
	19	-4	-4	4	3	0	3	11	13	14	13	7	2	6	6	7	4	4	0	-5	-13	-27	-27	-24	1
	-29	-37	-31	-34	-39	-39	-39	-41	-42	-39	-35	-31	-27	-24	-20	-19	-16	-13	-19	-26	-24	-29	-34	-24	-30
	-21	-21	-24	-25	-20	-23	-23	-14	-12	-10	-7	-1	3	4	4	-7	-12	-19	-31	-46	-58	-64	-66	-81	-24
	-94	-106	-118	-129	-139	-146	-152	-166	-156	-155	-153	-146	-138	-137	-127	-120	-113	-116	-130	-150	-158	-163	-169	-171	-140
	-186	-185	-189	-190	-182	-177	-191	-188	-175	-161	-141	-123	-113	-102	-91	-79	-70	-66	-77	-85	-90	-110	-94	-111	-132
	-122	-129	-145	-165	-182	-194	-211	-214	-210	-205	-188	-184	-179	-171	-161	-156	-156	-151	-155	-171	-180	-188	-189	-207	-176
	-201	-197	-217	-234	-233	-245	-245	-241	-226	-196	-167	-152	-138	-146	-144	-131	-128	-138	-151	-157	-166	-166	-163	-163	-181
	-162	-163	-156	-162	-163	-171	-181	-194	-179	-149	-110	-99	-77	-65	-57	-54	-55	-63	-71	-86	-94	-101	-97	-101	-117
	-104	-111	-108	-109	-116	-120	-124	-128	-127	-123	-111	-100	-90	-80	-70	-72	-78	-76	-76	-78	-79	-79	-76	-89	-97
	-98	-107	-125	-147	-146	-161	-166	-182	-192	-183	-171	-159	-163	-163	-165	-173	-176	-180	-192	-203	-202	-203	-221	-227	-171
	-227	-237	-222	-214	-246	-245	-235	-234	-216	-209	-185	-157	-144	-139	-133	-124	-121	-118	-123	-133	-138	-148	-145	-159	-177
	-162	-166	-166	-169	-167	-167	-166	-162	-157	-148	-134	-119	-112	-94	-79	-68	-62	-58	-58	-55	-49	-40	-42	-39	-110
	-37	-36	-33	-35	-36	-35	-36	-35	-29	-22	-17	-14	-24	-26	-24	-21	-32	-42	-51	-68	-74	-79	-83	-90	-41
	-96	-112	-133	-148	-164	-170	-171	-191	-174	-177	-151	-140	-132	-116	-110	-101	-96	-95	-98	-109	-124	-137	-141	-148	-135
	-158	-162	-170	-183	-191	-194	-207	-204	-188	-156	-143	-110	-89	-69	-66	-59	-58	-65	-67	-89	-93	-96	-113	-108	-127
	-106	-108	-108	-117	-114	-116	-113	-107	-92	-81	-66	-46	-32	-12	-2	1	3	3	3	2	-7	-13	-18	-23	-53
	-26	-23	-25	-29	-31	-34	-41	-44	-40	-30	-20	-10	1	8	14	14	14	15	15	9	5	4	1	2	-10
	3	5	5	5	5	3	1	0	6	16	26	28	31	33	37	44	47	45	41	33	29	24	22	22	21
	24	3	5	5	5	3	1	0	6	16	26	28	31	33	37	44	47	45	41	33	29	24	22	22	21
	25	21	12	10	10	8	7	7	7	7	8	9	11	12	15	16	19	18	19	16	16	18	16	15	13
	26	14	13	11	11	12	9	8	8	10	11	12	13	16	22	32	33	29	31	26	30	29	28	23	19
	27	25	23	20	17	11	16	18	18	20	23	27	31	30	32	31	29	24	21	11	16	22	16	15	21
	28	16	11	14	16	17	14	13	11	10	14	18	15	19	25	28	24	23	16	13	12	10	10	9	16
	29	8	6	5	5	4	4	3	3	5	7	13	16	19	22	20	16	18	17	16	15	14	13	14	12
	30	14	13	8	8	7	5	4	4	10	9	16	20	30	39	47	48	45	34	27	19	14	9	6	20
	31	1	-3	-8	-9	-15	-26	-34	-43	-42	-36	-31	-24	-15	0	11	19	19	18	12	2	-14	-14	-20	-11

MEAN -59 -63 -66 -69 -73 -77 -80 -82 -82 -77 -68 -58 -49 -40 -33 -28 -25 -24 -26 -31 -41 -46 -51 -52 -55 -53
 MOYENNE

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

DEM POINT SUMMARY
 SUMMAIRE DES TEMPERATURES DE ROSEE

WINNIPEG INT'L AIRPORT

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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	1	-39	-38	-38	-15	-15	-19	-26	-41	-33	-28	-18	-16	-12	-11	-8	-9	-8	-11	-16	-15	-25	-33	-26	-21	
A	2	-38	-54	-48	-61	-67	-87	-88	-80	-80	-60	-61	-41	-21	-7	-6	-11	-5	-3	-14	-10	-5	-13	-15	-36	
T	3	-17	-18	-23	-23	-27	-26	-27	-29	-25	-23	-22	-19	-12	-15	-12	-10	-9	-5	-6	-8	-13	-19	-24	-28	
E	4	-25	-33	-44	-44	-51	-62	-59	-62	-58	-36	-28	-24	-15	-9	-13	-14	-9	-5	-9	-17	-22	-30	-36	-43	
	5	-45	-48	-56	-63	-67	-71	-77	-74	-72	-61	-47	-41	-27	-15	-16	-12	-10	-12	-24	-32	-41	-48	-37	-43	
	6	-47	-44	-36	-32	-28	-28	-27	-27	-27	-28	-30	-32	-30	-26	-18	-11	-3	7	3	-1	-11	-16	-5	-3	
	7	-6	-18	-19	-14	-16	-17	-14	-4	-4	-3	-1	-5	-16	-28	-20	-21	-23	-25	-26	-42	-50	-47	-43	-20	
	8	-46	-52	-44	-51	-57	-56	-56	-58	-58	-59	-56	-53	-57	-58	-62	-61	-56	-56	-52	-54	-53	-53	-59	-48	
	9	-44	-44	-45	-44	-38	-39	-38	-29	-24	-23	-22	-19	-16	-13	-9	-15	-21	-33	-59	-80	-79	-85	-91	-109	
	10	-121	-133	-142	-151	-160	-165	-170	-183	-178	-179	-180	-178	-191	-190	-184	-194	-191	-189	-192	-207	-212	-216	-212	-180	
	11	-226	-217	-219	-225	-221	-226	-239	-241	-230	-213	-205	-190	-174	-140	-114	-98	-86	-88	-112	-117	-117	-133	-124	-147	
	12	-158	-171	-187	-204	-241	-254	-266	-267	-262	-259	-249	-248	-225	-212	-210	-202	-203	-229	-232	-239	-245	-251	-250	-260	
	13	-256	-249	-252	-276	-287	-285	-285	-269	-240	-229	-222	-222	-201	-203	-206	-217	-222	-234	-226	-219	-222	-218	-213	-239	
	14	-214	-205	-198	-199	-196	-204	-214	-230	-214	-188	-158	-150	-139	-132	-128	-145	-138	-143	-143	-150	-148	-149	-143	-142	
	15	-131	-144	-148	-154	-155	-157	-158	-161	-161	-157	-148	-139	-132	-120	-111	-112	-103	-91	-88	-90	-91	-90	-89	-108	
	16	-119	-140	-169	-186	-185	-197	-204	-214	-227	-245	-235	-226	-212	-231	-234	-243	-243	-252	-268	-280	-278	-281	-286	-288	
	17	-290	-288	-282	-277	-297	-294	-284	-287	-271	-267	-248	-225	-212	-210	-202	-202	-188	-188	-193	-193	-196	-196	-200	-237	
	18	-203	-208	-213	-217	-219	-217	-215	-211	-204	-194	-180	-158	-143	-121	-102	-89	-79	-75	-74	-71	-68	-60	-63	-59	
	19	-56	-56	-55	-56	-55	-48	-47	-45	-42	-42	-33	-38	-44	-46	-43	-40	-55	-63	-73	-89	-99	-104	-107	-113	
	20	-118	-135	-154	-167	-182	-191	-187	-206	-191	-209	-181	-173	-164	-146	-143	-140	-137	-139	-140	-146	-152	-160	-159	-174	
	21	-193	-194	-208	-217	-220	-229	-248	-242	-221	-186	-177	-138	-123	-131	-125	-124	-147	-148	-156	-142	-137	-132	-134	-121	
	22	-118	-122	-120	-129	-127	-128	-123	-128	-106	-93	-84	-61	-45	-36	-36	-31	-32	-32	-32	-34	-38	-41	-48	-51	
	23	-51	-51	-55	-58	-62	-63	-63	-68	-66	-59	-49	-36	-25	-18	-15	-14	-12	-9	-7	-10	-9	-10	-13	-10	
	24	-10	-11	-12	-12	-13	-15	-18	-19	-15	-8	-3	-3	1	4	9	15	19	20	21	19	18	14	13	14	
	25	11	6	6	7	7	6	5	6	5	5	7	8	8	10	12	12	14	14	13	15	12	12	12	12	
	26	13	12	11	11	12	9	5	7	7	9	10	11	13	14	18	16	19	24	27	23	28	19	18	18	
	27	19	18	19	17	11	16	17	15	18	21	24	24	22	26	30	25	22	18	8	8	14	15	8	9	
	28	9	6	10	12	11	10	7	5	3	6	9	6	10	11	12	6	7	4	3	1	0	-2	-2	-3	
	29	-3	-4	-5	-5	-6	-7	-7	-8	-7	-5	-2	1	4	4	6	6	1	0	0	0	-2	-1	-1	-1	
	30	0	-3	-5	-5	-8	-9	-10	-11	-9	-11	-4	-4	1	4	4	3	-1	-10	-16	-20	-25	-27	-26	-7	
	31	-26	-31	-36	-41	-59	-71	-80	-94	-103	-101	-104	-95	-98	-89	-85	-87	-96	-95	-101	-101	-60	-108	-119	-121	-83
MEAN		-82	-86	-89	-93	-97	-101	-103	-106	-101	-95	-87	-81	-75	-70	-66	-65	-65	-65	-69	-74	-74	-79	-80	-82	-83
MOYENNE																										

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

D A Y	H O U R	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				
17		SM	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	SM	WSW	WSW	S	44	23:14
18		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	S	72	16:23
19		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	S	67	01:08
20		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	S	69	15:03
21		M	C	C	C	N	C	C	N	C	C	C	N	C	C	N	C	C	N	C	C	N	C	C	N	C	S	70	19:17
22		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	S	61	15:30
23		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	S	50	13:38
24		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	S	41	02:31
25		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	S	46	21:39
26		S	SSW	SW	WSW	W	WNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	SE	41	02:31
27		E	E	ENE	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	41	02:31
28		NNE	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	41	02:31
29		NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	46	21:39
30		NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	46	21:39
31		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	46	21:39

EQUAL TO OR OVER	----->	10	15	20	25	30	35	40	45	50	55	60	65	70	WINDSPEED IS
NUMBER OF HOURS	----->	54.3	45.7	32.8	22.3	15.9	8.4	5.3	1.6	3	0	0	0	0	IN KM/HR
NUMBER OF DAYS	----->	30	29	25	20	14	8	7	4	2	0	0	0	0	
MAX CONSECUTIVE HOURS	----->	105	97	94	84	59	24	14	6	1	0	0	0	0	

DAILY WEATHER SUMMARY FOR MARCH, 1993 AT WINNIPEG, MANITOBA

1. Cloudy overnight becoming mainly sunny early morning. Temperatures well above normal. Winds light.
2. Variable cloudiness with fog reducing visibility to less than 1 km overnight. Temperatures well above normal. Winds light.
3. Mainly cloudy with snowshowers late afternoon. Temperatures well above normal. Winds light increasing to moderate mid-morning then decreasing to light late afternoon.
4. Mainly sunny. Temperatures well above normal. Winds light.
5. Mainly sunny. Temperatures well above normal. Winds light.
6. Mainly cloudy with fog reducing visibility to less than 1 km until early afternoon. Temperatures well above normal. Winds light.
7. Mainly cloudy with snowshowers late afternoon. Temperatures well above normal. Winds light to moderate.
8. Mainly cloudy with light snow overnight. Maximum temperature above normal, minimum well above normal. Winds light.
9. Overcast with snow. Maximum temperature above normal, minimum well above normal. Winds light increasing to moderate early evening.
10. Mainly sunny. Maximum temperature below normal, minimum slightly below normal. Winds light to moderate.
11. Clear becoming overcast with snowshowers early afternoon. Maximum temperature slightly below normal, minimum below normal. Winds light increasing to moderate late morning then decreasing to light late afternoon.
12. Mainly cloudy becoming mainly sunny early morning. Maximum temperature well below normal, minimum below normal. Winds light.
13. Mainly sunny becoming mainly cloudy with snow overnight. Temperatures well below normal. Winds light.
14. Variable cloudiness with snow ending early morning. Maximum temperature near normal, minimum below normal. Winds light increasing to moderate overnight.
15. Mainly cloudy with snow beginning mid-afternoon. Maximum temperature slightly below normal, minimum near normal. Winds light to moderate.
16. Variable cloudiness with snow ending overnight. Snowshowers early afternoon. Temperatures well below normal. Winds light to moderate.
17. Mainly sunny. Temperatures well below normal. Winds light increasing to moderate early afternoon.
18. Variable cloudiness with afternoon blowing snow. Maximum temperature near normal, minimum below normal. Winds moderate increasing to strong gusting gale early afternoon.
19. Overcast with snow. Temperatures near normal. Winds strong decreasing to light early morning.
20. Overcast with snow ending overnight. Becoming mainly sunny early morning. Temperatures well below normal. Winds light.
21. Mainly sunny. Maximum temperature below normal, minimum well below normal. Winds light.
22. Variable cloudiness. Temperatures near normal. Winds moderate increasing to strong gusting gale mid-evening, the decreasing to moderate.
23. Mainly sunny. Maximum temperature near normal, minimum above normal. Winds moderate increasing to strong gusting gale early evening.
24. Mainly sunny. Maximum temperature above normal, minimum well above normal. Winds moderate increasing to strong early afternoon, then decreasing to moderate early evening.
25. Overcast with fog and drizzle reducing visibility to less than 1 km. Maximum temperature near normal, minimum well above normal. Winds moderate gusting strong decreasing to light overnight.
26. Overcast with drizzle and fog reducing visibility to less than 1 km until early morning. Maximum temperature slightly above normal, minimum well above normal. Winds light.
27. Overcast with drizzle and fog reducing visibility to less than 1 km. Drizzle ending early afternoon, rainshowers early evening. Maximum temperature slightly above normal, minimum well above normal. Winds light.
28. Overcast with rainshowers ending late morning. Maximum temperature near normal, minimum well above normal. Winds light to moderate.
29. Overcast. Maximum temperature near normal, minimum well above normal. Winds light.
30. Overcast with snow beginning late evening. Maximum temperature slightly above normal, minimum well above normal. Winds light increasing to moderate mid-morning.
31. Overcast with snow ending overnight, becoming mainly sunny by mid-morning. Maximum temperature near normal, minimum slightly above normal. Winds moderate gusting strong decreasing to light early evening.