

# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

MAY / MAI

19 90

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) METRES (NMM)		STANDARD TIME USED: CENTRAL									
DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRÉS-JOURS			REL HUMIDITY HUMIDITÉ REL		PRECIPITATIONS 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 RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)		TOTAL PRECIP. PRÉCIP. TOTALE	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	HOURS HEURES
1	6.5	-5.4	0.6	17.4			95	51			TR.	TR.	TR	15.3	W	WNW26	11.1
2	8.0	-3.5	2.3	15.7			88	31						16.3	NNE	NNE30	12.5
3	11.7	-3.4	4.2	13.8			76	23						8.8	SSE	ESE15	6.1
4	17.8	-4.1	6.9	11.1	1.9		81	21						10.3	NNE	NNW20	13.6
5	16.7	-3.4	6.7	11.3	1.7		88	21						0.1	5 NN	W N22	14.3
6	26.1	7.7	16.9	1.1	11.9		54	21		TR.		TR.		14.0	SSW	SSW22*	9.1
7	18.8	5.7	12.3	5.7	7.3		97	49		0.6		0.6		22.8	E	E 33*	1.1
8	10.3	1.9	6.1	11.9	1.1		100	52		TR.		TR.		20.2	WNW	NW 33	7.2
9	8.0	-4.2	1.9	16.1			87	46						23.8	NNE	NNE33*	9.8
10	16.1	-6.0	5.1	12.9	0.1		89	22						5.1	CALM	NNE15	13.7
11	13.8	-0.4	6.7	11.3	1.7		72	30		TR.		TR.		17.4	NW	NNE37	8.1
12	16.8	-3.3	6.8	11.2	1.8		64	17						10.1	SSW	SSW22	13.1
13	14.4	1.3	7.9	10.1	2.9		92	30		2.2		2.2		12.2	NE	NE 28*	6.4
14	17.0	-4.3	6.4	11.6	1.4		81	16						9.9	NNE	NNE19	13.3
15	18.0	2.1	10.1	7.9	5.1		94	26		0.4		0.4		20.8	SSE	ESE37	5.9
16	10.6	2.5	6.6	11.4	1.6		100	94		12.6		12.6		21.5	SE	NNW41*	0.0
17	5.0	-3.3	0.9	17.1			100	78		3.8	0.6	4.6		32.0	NNW	NNW46*	0.0
18	15.8	-4.1	5.9	12.1	0.9		96	31						8.1	NW	SSE19	13.1
19	20.8	4.2	12.5	5.5	7.5		73	24						17.9	SSE	SSE26*	9.2
20	20.7	4.4	12.6	5.4	7.6		67	24						11.3	S	SE 20*	10.1
21	19.9	10.1	15.0	3.0	10.0		93	41	1	9.3		9.3		19.7	SSE	SE 30	5.8
22	20.2	7.8	14.0	4.0	9.0		98	53						13.7	NW	S 24*	9.5
23	22.8	3.9	13.4	4.6	8.4		100	43						10.3	E	E 28	13.5
24	24.3	8.9	16.6	1.4	11.6		88	28						16.0	ESE	ESE30	15.0
25	24.5	10.4	17.5	0.5	12.5		69	25						18.8	ESE	ESE30*	14.8
26	26.1	4.5	15.3	2.7	10.3		80	23						11.0	E	E 22	14.1
27	27.8	9.0	18.4		13.4	0.4	77	23						13.8	NNW	NE 20*	12.1
28	20.6	6.8	13.7	4.3	8.7		82	28						15.5	ENE	NE 24	14.9
29	24.4	7.7	16.1	1.9	11.1		58	18						13.0	E	ESE22*	15.4
30	27.6	10.4	19.0		14.0	1.0	59	22						18.2	S	S 30	14.3
31	27.4	15.9	21.7		16.7	3.7	61	29						23.3	S	S 37	6.9
MEAN MOYENNE	18.0	2.6	10.3	TOTAL 243.0	TOTAL 180.2	TOTAL 5.1	83	34	TOT 1	TOTAL 28.9	TOTAL 0.6	TOTAL 29.7		15.6	PREVAILING DIRECTION DOMINANTE SSE	MAXIMALE NNW46	TOTAL 314.0
NORMAL NORMALE	18.0	4.5	11.3	219.3	203.8	10.1			8	63.2	2.5	65.7		20.2	S		265.6
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	50 OR MORE OU PLUS	92 OR MORE OU PLUS	110 OR MORE OU PLUS	130 OR MORE OU PLUS	150 OR MORE OU PLUS
TOTAL FOR MONTH TOTAL DU MOIS		243.0	152.7	219.3	TOTAL FOR MONTH TOTAL DU MOIS		180.2	281.2	203.8								
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET		5726.1	5816.4	5853.2	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL		255.3	312.4	253.8	6	4	4	1	0	1	0	0

UDC 551.506.1 ( )

Note/Avis

1. Climatological Day/Journee 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

\$2.75 \$27.30

\$2.75

\$27.30

8. Price: single issue \_\_\_\_\_; annual (Jan to Dec.) \_\_\_\_\_ /Prix: numéro individuel \_\_\_\_\_; annuel (janv à dec.) \_\_\_\_\_



DRY-BULB TEMPERATURES AT: WINNIPEG INTERNATIONAL AIRPORT  
 TEMPERATURES DU THERMOMETRE SEC A: AEROPORT INTERN. DE WINNIPEG

MONTH: MAY  
MOIS: MAI

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	-45	-40	-45	-39	-40	-52	-51	-36	-21	4	21	28	38	48	45	58	48	49	47	37	22	7	3	-14
2	-7	0	1	-1	-13	-27	-26	-6	4	14	30	40	48	59	60	63	71	70	63	53	11	-22	-27	-28
3	-20	-11	-29	-31	-28	-20	-12	20	36	39	69	90	98	99	112	104	97	93	94	98	53	25	12	-7
4	-12	-34	-25	-28	-32	-38	-14	30	78	104	124	136	146	160	164	170	171	170	166	147	126	84	83	53
5	33	15	9	-15	-19	-29	-1	41	67	95	113	126	133	144	158	154	163	158	156	147	124	102	93	102
6	91	86	90	96	90	80	78	95	149	179	204	213	224	231	245	251	255	253	245	225	215	214	180	198
7	188	155	146	137	131	127	120	120	113	114	125	153	152	153	159	130	99	102	100	88	85	77	69	66
8	58	56	55	52	39	32	32	28	44	58	66	80	88	89	89	88	84	73	49	39	30	28	26	22
9	19	16	15	12	9	8	5	8	10	18	40	45	46	62	67	69	77	73	66	55	40	21	-2	-25
10	-36	-32	-35	-46	-55	-43	-14	23	57	81	101	113	125	135	138	141	150	152	149	139	117	102	96	69
11	77	74	67	54	43	55	59	74	89	93	80	60	71	101	131	131	118	115	101	89	50	30	11	9
12	9	-5	10	-3	-28	-16	5	40	68	96	118	133	142	147	160	165	151	158	153	141	127	86	108	68
13	68	27	47	60	68	73	60	66	79	72	76	81	96	103	116	124	136	142	132	104	74	51	41	30
14	18	-28	-34	-32	-36	-36	-15	49	82	106	127	140	145	152	160	165	163	164	156	136	92	97	75	64
15	60	66	55	32	27	43	67	101	130	159	168	168	167	166	171	171	174	172	166	166	160	149	138	120
16	102	97	93	89	87	84	83	84	89	87	93	95	100	100	104	102	103	99	97	60	48	36	30	27
17	26	32	25	20	17	11	9	13	11	20	22	33	34	43	44	41	39	36	29	27	22	-6	-16	-24
18	-23	-25	-27	-36	-38	-34	-8	17	40	63	76	89	98	117	129	138	144	151	147	146	111	92	74	82
19	77	59	54	48	53	49	61	89	107	126	139	147	158	182	188	192	194	196	181	176	160	141	120	107
20	91	82	75	64	54	48	51	88	116	135	159	171	174	180	190	191	203	203	193	181	166	160	149	135
21	141	132	119	127	109	109	102	148	161	176	179	190	184	174	153	141	145	134	146	134	128	125	124	121
22	120	115	108	99	100	96	83	118	145	166	178	178	180	173	187	186	186	188	180	168	143	126	109	101
23	91	64	55	50	43	50	87	113	135	162	180	193	204	206	209	216	214	222	216	198	186	182	170	150
24	142	123	101	119	98	94	123	137	156	181	203	222	226	232	234	233	228	235	229	220	199	171	166	168
25	151	133	138	132	120	110	120	146	166	193	212	224	229	229	243	235	240	235	227	218	198	166	158	131
26	117	92	61	68	51	64	97	151	176	199	219	228	234	240	258	253	253	249	235	241	198	179	155	159
27	148	137	120	102	102	116	118	154	196	230	249	251	262	271	266	258	251	274	265	248	209	181	151	153
28	125	104	90	96	88	108	114	128	148	156	160	175	194	188	184	202	193	204	201	186	159	140	125	95
29	108	99	103	96	81	81	102	134	154	182	194	207	209	222	229	235	235	239	233	224	204	182	171	153
30	143	142	124	107	108	110	113	151	173	200	215	237	252	249	264	264	264	261	261	248	226	211	206	199
31	187	177	171	168	162	166	160	180	211	230	233	240	263	259	261	270	256	259	248	242	237	221	209	197

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

MONTH: MAY  
 MOIS: MAI

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	-60	-52	-54	-50	-48	-64	-66	-62	-57	-53	-42	-50	-37	-31	-30	-19	-32	-47	-43	-37	-27	-30	-33	-37
2	-27	-26	-27	-28	-34	-44	-42	-37	-58	-72	-94	-101	-88	-79	-80	-83	-86	-76	-33	-48	-39	-53	-72	-74
3	-74	-84	-87	-95	-94	-97	-68	-102	-95	-89	-79	-92	-98	-95	-74	-73	-36	-29	-32	3	-15	-24	-47	-43
4	-52	-63	-67	-65	-63	-69	-47	-19	-61	-90	-71	-67	-61	-57	-57	-58	-57	-43	-35	8	-15	-29	-8	4
5	4	-3	-13	-34	-38	-46	-23	-8	1	12	-18	-30	-38	-45	-52	-51	-56	-56	-66	-66	-85	-71	-81	-86
6	-80	-68	-50	-38	-35	-26	-16	7	32	39	45	39	42	46	56	50	17	17	20	32	19	12	33	28
7	71	47	42	34	32	34	41	49	66	68	68	74	71	74	77	68	79	69	63	67	53	47	51	52
8	56	56	55	52	39	32	32	28	32	32	29	27	21	20	11	12	-8	-9	2	10	16	3	3	1
9	-2	-7	-8	-14	-14	-19	-17	-24	-24	-28	-26	-32	-31	-40	-38	-40	-33	-37	-35	-37	-43	-52	-55	-61
10	-64	-62	-59	-66	-74	-60	-42	-24	-26	-30	-45	-36	-32	-40	-63	-57	-58	-58	-64	-56	-59	-52	-56	-62
11	-60	-60	-57	-52	-46	-29	-16	1	0	35	14	-15	-23	-18	-12	-10	-30	-33	-50	-77	-61	-83	-74	-97
12	-103	-98	-101	-94	-88	-79	-74	-69	-54	-40	-29	-45	-46	-48	-56	-50	-87	-83	-78	-84	-76	-49	-66	-54
13	-41	-35	-24	-33	-44	-45	-31	9	49	57	56	57	52	45	35	36	20	-15	-39	-53	-54	-59	-67	-64
14	-61	-63	-66	-68	-63	-62	-46	-50	-55	-59	-46	-49	-44	-59	-73	-90	-95	-99	-107	-84	-77	-73	-69	-73
15	-68	-77	-68	-55	-44	-24	5	43	42	24	20	-10	-33	5	28	44	44	51	55	52	57	61	65	81
16	91	90	88	87	84	84	83	83	87	86	91	93	95	93	98	101	100	99	97	59	43	32	25	24
17	23	32	24	17	9	8	5	7	4	12	13	18	15	19	13	10	3	1	-5	-3	-5	-15	-22	-28
18	-29	-32	-35	-42	-45	-42	-20	-5	4	-19	-7	-6	-13	0	-2	-12	-16	-21	-20	-15	-9	-14	-5	-10
19	-14	-15	-13	-8	-4	4	13	20	36	30	18	9	-5	3	-14	-10	3	-15	-29	-30	-25	-11	2	6
20	3	1	7	-3	-3	-7	1	21	42	49	27	13	13	-5	3	-3	0	-8	-12	-5	-14	-12	-2	8
21	3	5	4	-4	10	25	34	59	69	79	78	72	59	69	95	116	120	114	110	106	108	110	112	109
22	100	95	92	89	89	88	82	101	109	110	102	93	98	81	91	105	104	102	98	99	96	92	95	90
23	86	63	55	50	43	50	87	98	101	101	100	106	105	88	85	84	87	91	92	85	89	84	78	74
24	76	74	70	79	72	75	84	88	94	100	95	91	80	78	70	63	54	46	38	28	22	33	35	34
25	37	40	45	49	52	55	60	66	76	74	67	55	48	37	43	26	37	26	31	25	21	27	24	26
26	27	36	21	26	20	24	56	67	68	68	61	55	47	39	41	35	30	26	38	20	45	42	47	77
27	74	72	67	64	61	67	68	79	74	78	81	57	48	45	43	36	74	56	57	35	38	23	27	30
28	36	38	39	56	61	71	75	79	81	79	76	78	81	74	72	67	59	33	20	-3	-6	-13	15	14
29	3	-1	-5	-8	-5	3	15	30	31	11	-4	-9	-19	-16	-23	-19	-15	-10	-9	-1	6	12	7	2
30	3	16	14	18	25	30	26	47	57	65	59	64	60	44	40	40	32	31	37	27	11	9	5	25
31	34	40	49	54	59	69	75	93	110	112	102	101	72	91	84	92	91	92	89	91	103	104	107	110

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

**CLIMATOLOGICAL SUMMARY FOR MAY 1990****AT WINNIPEG, MANITOBA**

Total precipitation was less than half the normal, and for the 5th consecutive year in a row, May total precipitation did not exceed 50% of the expected 65.7 mm.

The average maximum temperature was exactly equal to the long term normal, however the minimum averaged nearly 2 degrees lower than normal, resulting in an average monthly value of one degree less than normal.

There was plenty of sunshine at 314.0 hours compared to the usual 265.6 and winds were over 5 km/h lighter than normal, averaging 15.0 km/h.

**DAILY WEATHER SUMMARY FOR MAY 1990****AT WINNIPEG, MANITOBA**

1. Mostly cloudy. Temperatures below normal. Light winds.
2. Sunny. Temperatures below normal. Moderate winds late morning decreasing to light early afternoon.
3. Mostly cloudy. Temperatures near normal. Light winds.
4. Sunny. Temperatures near normal. Light winds.
5. Sunny. Temperatures near normal. Light winds.
6. Mostly cloudy. Temperatures well above normal. Winds light.
7. Cloudy with afternoon showers. Temperatures above normal. Light winds increasing to moderate gusty mid-morning decreasing to light early evening.
8. Cloudy with morning drizzle. Temperatures near normal. Light winds increasing to moderate gusty near noon.
9. Cloudy becoming mostly sunny late afternoon. Temperatures below normal. Moderate gusty winds decreasing to light late evening.
10. Mostly sunny. Minimum temperature below normal. Light winds.
11. Cloudy periods with showers. Temperatures below normal. Light winds increasing to moderate with occasional gusts late morning decreasing to light in the evening.
12. Sunny becoming mostly cloudy by evening. Minimum temperatures below normal. Light winds.
13. Cloudy with rain and showers becoming sunny early evening. Temperatures slightly below normal. Light winds occasional moderate gusts early evening.
14. Sunny. Minimum temperature below normal. Light winds.
15. Becoming cloudy early afternoon. Temperatures normal. Light winds increasing to moderate gusty late morning decreasing to light near midnight.
16. Cloudy with rain. Temperatures below normal. Light winds increasing to moderate with strong gusts early evening.
17. Cloudy with rain becoming clear late evening. Temperatures well below normal. Moderate to strong winds with strong gusts decreasing to light late evening.
18. Sunny with evening cloudy periods. Temperatures near normal. Light winds.
19. Mostly cloudy with morning sunny periods. Temperatures normal. Light winds with occasional afternoon moderate gusts.
20. Partly cloudy. Temperatures near normal. Light winds.
21. Mostly cloudy with showers and thundershowers. Temperatures normal. Light winds increasing to moderate gusty near noon.
22. Becoming mostly sunny early evening. Temperatures near normal. Moderate winds decreasing to light early morning.
23. Sunny with afternoon cloudy periods. Temperatures near normal. Light winds with early evening moderate gusts.
24. Sunny with afternoon cloudy periods. Temperatures slightly above normal. Light winds increasing to moderate gusty near noon decreasing to light by evening.
25. Sunny. Temperatures slightly above normal. Light winds increasing to moderate gusty near noon decreasing to light by evening.
26. Sunny. Temperatures near normal. Light winds with occasional moderate gusts in the afternoon.
27. Sunny with afternoon cloudy periods. Temperatures near normal. Light winds.
28. Sunny. Temperatures normal. Light winds.
29. Sunny. Temperatures near normal. Light winds.
30. Sunny. Temperatures above normal. Winds light with a few moderate periods late afternoon.
31. Mostly cloudy. Temperatures above normal. Light winds increasing to moderate with strong gusts late morning.