

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS: MARCH / MARS 19 87

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) MÉTRES (NAM)		STANDARD TIME USED: CENTRAL									
DATE	TEMPERATURE			DEGREE-DAYS			REL. HUMIDITY		PRECIPITATIONS			SNOW ON GROUND	WIND			BRIGHT SUNSHINE	
	MAXIMUM	MINIMUM	MEAN	HEATING	GROWING	COOLING	MAXIMUM	MINIMUM	RAINFALL	SNOWFALL	TOTAL PRECIP.		AVERAGE SPEED	PREVAILING DIRECTION	MAX 2 MIN MEAN		BRIGHT SUNSHINE
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%	MM	CM	MM	MM/H	DIRECTION	SPEED & DIRECTION	HOURS		
1	-3.7	-15.2	-9.5	27.5			100	78			0.2	0.2	38	7.9	WNW	WNW17	4.0
2	-8.9	-19.3	-14.1	32.1			96	78			0.6	0.4	38	9.9	WNW	WNW17	8.0
3	-2.3	-21.4	-11.9	29.9			94	74			TR.	TR.	38	20.5	S	S 33	3.5
4	1.7	-5.4	-1.9	19.9			100	80					38	11.4	S	S 31	8.4
5	3.7	-6.6	-1.5	19.5			100	82					36	24.3	S	S 33*	4.1
6	4.7	0.7	2.7	15.3			100	85					29	11.9	S	S 20	7.5
7	2.2	-9.5	-3.7	21.7			97	76		TR.	0.6	0.6	27	23.7	N	N 33*	5.0
8	-9.4	-21.5	-15.5	33.5			84	50					27	30.9	N	N 43	9.5
9	-13.4	-26.0	-19.7	37.7			73	45					27	8.1	N	N 13*	10.0
10	-7.3	-19.5	-13.4	31.4			93	53			0.2	TR.	27	10.1	S	S 17*	6.8
11	-7.0	-17.7	-12.4	30.4			99	60			TR.	TR.	27	11.4	NW	NW 20	9.0
12	-8.5	-23.0	-15.8	33.8			82	59					27	8.8	NW	S 13	8.6
13	-1.0	-13.8	-7.4	25.4			95	66			0.6	0.4	26	11.4	NE	ENE19*	1.5
14	3.0	-16.4	-6.7	24.7			90	41					26	14.3	ESE	ESE22	10.1
15	1.5	-5.6	-2.1	20.1			81	56					25	18.1	SSE	SSE26*	3.2
16	0.9	-1.7	-0.4	18.4			100	72		TR.	3.8	3.3	26	15.8	SSE	SSE24	0.0
17	2.8	-0.9	1.0	17.0			100	62			0.2	2.4	28	15.3	ESE	E 28	0.0
18	7.0	1.1	4.1	13.9			80	46			1.2	1.2	27	19.5	SE	SE 33*	3.4
19	4.9	1.7	3.3	14.7			93	52		TR.	TR.	TR.	24	19.3	SE	SE 24	0.0
20	8.3	1.9	5.1	12.9	0.1		86	51					20	15.9	SE	ESE24	3.7
21	9.9	1.7	5.8	12.2	0.8		63	40		TR.		TR.	13	20.0	ESE	E 28	8.1
22	6.1	1.7	3.9	14.1			87	49		TR.		TR.	11	24.0	S	SSE35	0.5
23	5.3	-0.7	2.3	15.7			97	80					4	8.8	WNW	E 17	1.4
24	2.8	-1.6	0.6	17.4			100	85					3	16.4	N	N 24*	0.5
25	1.0	-1.0	0.0	18.0			94	82			TR.	TR.	2	22.9	N	N 31	0.0
26	3.9	-4.1	-0.1	18.1			99	60					2	11.2	S	S 22*	9.2
27	0.3	-13.7	-6.7	24.7			95	67			0.8	0.6	1	20.9	N	N 37*	1.4
28	-7.2	-14.9	-11.1	29.1			83	55					1	14.6	WNW	WNW24*	10.0
29	-7.5	-14.9	-11.2	29.2			95	59			TR.	TR.	1	11.5	NW	NW 20*	8.7
30	-0.6	-14.8	-7.7	25.7			90	59					TR	15.7	S	S 28*	9.6
31	1.2	-6.0	-2.4	20.4			100	86		TR.	3.4	4.0	TR	15.3	SSE	NNE31	0.0
MEAN MOYENNE	-0.2	-9.2	-4.7	704.4	0.9		92	64	TOT	1.4	12.6	13.3	15.8	PREVAILING DIRECTION DOMINANTE	N 43	TOTAL	155.7
NORMAL NORMALE	-2.8	-13.5	-8.2	811.3	1.6				0.1	3.3	21.1	22.7	19.3	S			176.2

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS						DAYS WITH TOTAL PRECIPITATION					DAYS WITH SNOWFALL						
BELOW 18°C	THIS YEAR	PREVIOUS YEAR	NORMAL	ABOVE 5°C	THIS YEAR	PREVIOUS YEAR	NORMAL	JOURS AVEC PRÉCIPITATIONS					JOURS AVEC CHÛTE DE NEIGE				
AU-DESSOUS DE 18°C	ANNÉE EN COURS	ANNÉE PRÉCÉDENTE	NORMALE	AU-DESSUS DE 5°C	ANNÉE EN COURS	ANNÉE PRÉCÉDENTE	NORMALE	TOTALES					TOTALES				
								0.2	1.0	2.0	10.0	50.0	0.2	1.0	2.0	10.0	50.0
								OR MORE	OR MORE	OR MORE	OR MORE	OR MORE	OR MORE	OR MORE	OR MORE	OR MORE	OR MORE
								OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS
TOTAL FOR MONTH	704.4	693.3	811.3	TOTAL FOR MONTH	0.9	7.0	1.6	9	4	3	0	0	9	3	3	0	0
ACCUMULATED SINCE JULY 1	4653.3	5325.7	5194.5	ACCUMULATED SINCE APRIL 1	1776.5	1605.5	1784.9										
DEPUIS LE 1er JUILLET				DEPUIS LE 1er AVRIL													

UDC 561.506.1 () Note/Avs 1. Climatological Day/Jourée 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
8. Price: single issue 2.65; annual (Jan. to Dec.) 26.25/Prix: numéro individuel 2.65; annuel 26.25 (janv. à déc.)

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	-39	-48	-69	-68	-78	-92	-99	-123	-112	-138	-150	-128	-121	-106	-101	-91	-101	-96	-124	-130	-120	-114	-111	-110
2	-109	-107	-102	-106	-119	-117	-105	-103	-102	-105	-116	-114	-109	-97	-97	-93	-97	-99	-121	-130	-151	-153	-155	-184
3	-193	-210	-165	-158	-167	-151	-142	-123	-106	-100	-89	-79	-68	-53	-40	-31	-35	-40	-41	-36	-32	-30	-25	-26
4	-24	-22	-20	-19	-19	-16	-21	-30	-29	-24	-8	2	-1	-3	5	8	13	10	2	-26	-29	-36	-54	-45
5	-54	-53	-66	-58	-47	-40	-36	-30	-20	-4	10	14	24	29	32	33	33	29	27	24	22	24	26	24
6	31	28	27	19	21	20	12	9	8	16	25	33	38	40	36	41	28	31	25	18	10	14	9	28
7	20	11	7	-3	-15	-11	-25	-36	-37	-44	-48	-55	-56	-54	-51	-54	-52	-56	-61	-70	-82	-90	-93	-93
8	-94	-96	-101	-110	-117	-134	-148	-160	-170	-173	-176	-177	-170	-168	-161	-155	-153	-157	-163	-176	-183	-203	-208	-205
9	-215	-233	-237	-239	-242	-243	-257	-259	-252	-222	-214	-199	-182	-165	-147	-144	-140	-140	-150	-163	-172	-180	-184	-186
10	-190	-179	-190	-186	-183	-175	-153	-158	-154	-143	-134	-130	-119	-109	-94	-77	-76	-75	-77	-79	-79	-78	-82	-76
11	-75	-79	-90	-100	-109	-146	-148	-152	-163	-143	-128	-110	-95	-86	-78	-77	-80	-90	-111	-137	-149	-147	-161	-165
12	-178	-190	-208	-218	-216	-221	-226	-206	-213	-213	-189	-172	-148	-130	-125	-120	-93	-93	-101	-109	-109	-112	-103	-106
13	-103	-96	-90	-89	-87	-85	-84	-79	-74	-71	-65	-50	-40	-32	-23	-18	-24	-25	-40	-56	-57	-70	-107	-128
14	-136	-132	-148	-161	-162	-156	-104	-106	-68	-55	-38	-21	-6	6	16	2	24	26	20	0	-15	-17	-14	-23
15	-28	-36	-42	-50	-52	-51	-48	-56	-45	-41	-30	-16	-8	-2	3	10	10	13	8	-12	-12	-11	0	3
16	-4	-7	-13	-16	-13	-10	-12	-12	-7	-7	-4	-3	-2	0	3	3	6	4	3	2	1	-2	-3	-3
17	-4	-2	-1	2	1	8	8	6	-2	0	2	5	6	11	12	-9	0	4	2	13	17	14	21	25
18	20	29	32	25	20	13	14	13	14	14	19	26	35	45	50	52	53	58	64	40	35	39	42	46
19	44	45	37	30	28	30	32	28	26	21	22	23	30	17	23	33	31	36	32	32	37	34	30	33
20	34	34	33	28	29	30	31	32	38	38	44	42	46	52	59	64	70	46	46	34	41	57	66	65
21	56	41	39	36	39	32	23	22	26	33	47	59	63	77	85	91	84	67	71	74	65	67	64	61
22	53	55	48	40	44	36	35	32	32	32	27	26	23	25	26	27	25	27	28	26	28	24	25	20
23	18	20	14	13	10	1	-2	-7	8	18	25	37	46	43	44	37	38	28	24	21	17	11	5	8
24	8	7	7	6	-4	-8	-9	-14	-3	-2	0	9	14	18	22	21	22	21	19	14	11	8	7	4
25	1	-4	-7	-10	-2	-1	-4	-3	0	0	2	3	4	5	6	8	7	6	5	2	1	-1	-1	-2
26	-2	-5	-7	-15	-28	-33	-33	-40	-16	4	10	20	27	32	27	32	25	26	18	7	2	-2	-15	-18
27	-15	-7	-1	-2	0	-2	-4	-35	-72	-98	-110	-118	-122	-124	-113	-108	-103	-108	-108	-115	-125	-129	-134	-137
28	-132	-137	-142	-144	-144	-146	-144	-146	-129	-121	-116	-106	-102	-91	-84	-86	-75	-81	-84	-93	-99	-104	-110	-117
29	-119	-123	-132	-135	-146	-136	-131	-129	-108	-104	-94	-93	-88	-92	-90	-87	-82	-88	-92	-98	-104	-115	-123	-127
30	-130	-132	-136	-143	-139	-133	-140	-128	-106	-92	-68	-50	-45	-38	-28	-16	-16	-17	-16	-25	-26	-27	-26	-25
31	-28	-35	-36	-31	-33	-31	-24	-18	-8	1	9	-2	2	10	4	2	-1	-3	-15	-19	-22	-29	-49	-60

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

MORRH: MARCH
MOIS: MARS

1987
1987

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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	-42	-52	-73	-70	-90	-104	-106	-129	-116	-148	-159	-138	-130	-127	-121	-119	-121	-107	-132	-134	-125	-119	-116	-116
2	-111	-113	-107	-112	-127	-124	-112	-111	-110	-114	-127	-131	-128	-127	-123	-119	-122	-129	-143	-146	-162	-180	-179	-213
3	-224	-237	-183	-180	-187	-167	-155	-137	-116	-116	-106	-100	-100	-90	-79	-70	-71	-67	-64	-58	-51	-47	-42	-38
4	-35	-32	-28	-27	-25	-22	-29	-39	-38	-35	-27	-25	-25	-19	-16	-13	-16	-12	-17	-32	-36	-36	-59	-45
5	-56	-53	-67	-58	-49	-44	-42	-37	-28	-17	-8	-5	0	5	6	6	6	8	8	7	9	8	6	6
6	7	9	13	15	18	20	12	9	8	14	15	12	15	17	15	12	10	8	10	7	3	3	1	9
7	6	1	-3	-11	-21	-22	-43	-54	-55	-73	-73	-77	-83	-85	-84	-81	-86	-77	-86	-94	-98	-105	-107	-114
8	-117	-121	-127	-133	-142	-167	-187	-198	-202	-252	-237	-235	-231	-221	-231	-216	-228	-235	-236	-247	-253	-261	-264	-263
9	-271	-284	-289	-290	-292	-293	-300	-300	-294	-268	-255	-243	-230	-207	-212	-226	-238	-233	-228	-228	-237	-243	-245	-240
10	-229	-227	-232	-232	-227	-222	-219	-216	-216	-213	-212	-193	-185	-167	-143	-127	-117	-104	-100	-99	-100	-95	-91	-86
11	-83	-86	-96	-102	-111	-152	-156	-159	-167	-147	-133	-126	-113	-108	-112	-119	-122	-131	-141	-161	-170	-175	-184	-224
12	-225	-230	-244	-255	-251	-259	-261	-242	-247	-250	-224	-212	-188	-177	-162	-156	-160	-142	-142	-146	-143	-138	-132	-130
13	-131	-130	-126	-123	-107	-99	-94	-90	-86	-85	-82	-70	-66	-64	-58	-57	-54	-53	-74	-97	-110	-121	-134	-148
14	-154	-147	-162	-176	-202	-198	-164	-167	-134	-122	-105	-99	-86	-73	-76	-50	-86	-91	-98	-93	-94	-98	-107	-114
15	-116	-110	-107	-105	-104	-99	-100	-98	-92	-84	-71	-65	-59	-56	-56	-51	-45	-42	-47	-42	-40	-43	-42	-51
16	-45	-50	-33	-19	-13	-10	-12	-12	-11	-14	-11	-11	-8	-6	-5	-4	-3	-3	-2	-3	-7	-7	-4	-5
17	-4	-2	-2	-1	0	-5	-12	-27	-39	-46	-55	-51	-58	-58	-57	-15	-4	-7	-2	-11	-14	-14	-25	-22
18	-18	-23	-30	-23	-21	-15	-20	-34	-43	-38	-46	-50	-42	-44	-49	-43	-39	-41	-45	-24	-21	-27	-35	-46
19	-54	-47	-42	-36	-37	-38	-39	-31	-20	-11	-13	-18	-24	6	0	-2	-3	-4	0	8	10	15	11	12
20	12	12	11	5	1	0	0	8	11	15	16	17	22	26	27	19	15	20	16	11	11	-11	-27	-32
21	-28	-27	-28	-35	-48	-54	-64	-66	-67	-57	-42	-35	-32	-36	-42	-35	-18	1	-26	-36	-39	-43	-49	-50
22	-41	-43	-37	-28	-30	-26	-24	-19	-17	-4	-8	-1	1	3	5	6	6	6	5	1	0	2	2	3
23	3	1	2	2	-1	-3	-7	-10	3	8	10	15	15	22	19	16	15	13	13	11	8	6	1	5
24	4	5	4	0	-7	-11	-12	-14	-3	-2	0	4	3	3	4	0	4	1	-1	-2	-2	-7	-12	-19
25	-19	-24	-23	-19	-11	-13	-14	-14	-13	-13	-12	-8	-9	-7	-5	-2	-5	-8	-11	-12	-11	-13	-13	-13
26	-13	-15	-22	-20	-34	-37	-41	-44	-27	-29	-41	-46	-41	-37	-46	-37	-43	-44	-38	-32	-38	-37	-37	-39
27	-35	-25	-20	-19	-19	-14	-15	-43	-92	-118	-135	-144	-135	-147	-144	-152	-153	-158	-158	-162	-162	-164	-161	-163
28	-173	-180	-177	-173	-173	-174	-175	-174	-160	-162	-153	-149	-153	-151	-132	-141	-148	-152	-142	-146	-142	-143	-138	-142
29	-142	-147	-151	-152	-155	-144	-139	-143	-138	-127	-122	-142	-150	-142	-143	-142	-146	-131	-137	-143	-142	-139	-141	-144
30	-147	-149	-153	-157	-157	-152	-157	-147	-127	-116	-119	-115	-105	-103	-85	-84	-69	-62	-60	-55	-59	-60	-59	-55
31	-56	-55	-52	-48	-45	-41	-35	-33	-22	-16	-10	-3	-1	9	4	2	-2	-6	-19	-24	-27	-36	-61	-73

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/Unité = 0.1°C

CLIMATOLOGICAL SUMMARY FOR MARCH 1987

AT WINNIPEG, MANITOBA

March was 3.5°C warmer than normal. The precipitation total of 13.3 centimetres is slightly less than 60% of the March normal.

The warmest temperature of 9.9°C was recorded on the 21st while the coldest temperature was -26.0°C on the 9th.

Sunshine hours and the average wind speed were below normal.

DAILY WEATHER SUMMARY FOR MARCH 1987

AT WINNIPEG, MANITOBA

1. Cloudy with light snow, periods of sunshine in the afternoon. Temperatures above normal. Winds light.
2. Cloudy becoming sunny in the late morning. Temperatures below normal. Winds light.
3. Cloudy. Temperatures above normal. Winds light becoming moderate with strong gusts.
4. Cloudy becoming sunny by noon. Temperatures above normal. Winds light.
5. Sunny with some cloudy periods near mid-day. Temperatures above normal. Winds light becoming moderate with strong gusts.
6. Cloudy with sunny periods. Temperatures above normal. Winds light.
7. Sunny becoming cloudy by noon. Temperatures above normal. Winds light becoming moderate in the evening.
8. Sunny. Temperatures below normal. Winds moderate with a few strong gusts becoming light in the evening.
9. Sunny. Temperatures below normal. Winds light.
10. Cloudy with some sunny periods near mid-day, light snow in the evening. Temperatures below normal. Winds light.
11. Mainly sunny. Temperatures below normal. Winds light.
12. Sunny becoming cloudy in the evening. Temperatures below normal. Winds light.
13. Cloudy. Clearing in the evening. Temperatures above normal. Winds light.
14. Sunny. Temperatures above normal. Winds light.
15. Cloudy. Temperatures above normal. Winds light.
16. Cloudy with snow showers. Temperatures above normal. Winds light becoming moderate.
17. Cloudy. Temperatures above normal. Winds light.
18. Cloudy. Temperatures above normal. Winds light becoming moderate.
19. Cloudy. Temperatures above normal. Winds light.
20. Mainly cloudy. Temperatures above normal. Winds light.
21. Sunny, becoming cloudy in the evening. Temperatures above normal. Winds light becoming moderate near mid-day.
22. Cloudy. Temperatures above normal. Winds moderate with strong gusts.
23. Cloudy. Temperatures above normal. Winds light.
24. Cloudy. Temperatures above normal. Winds light.
25. Cloudy. Temperatures above normal. Winds moderate.
26. Sunny. Temperatures above normal. Winds light.
27. Cloudy becoming sunny in the afternoon. Temperatures below normal. Winds light becoming moderate with strong gusts near mid-morning.
28. Sunny. Temperatures below normal. Winds light occasionally moderate.
29. Sunny with some cloudy periods in the afternoon. Temperatures below normal. Winds light.
30. Sunny becoming cloudy. Temperatures below normal. Winds light.
31. Cloudy with light snow. Temperatures below normal. Winds light occasionally moderate.