



Environment Canada

Environnement Canada

Atmospheric Environment Service

Service de l'environnement atmosphérique

# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

APRIL / AVRIL

87

MONTH/MOIS

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 (NMM)		STANDARD TIME USED: CENTRAL											
DATE	TEMPERATURE TEMPERATURE			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 RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. 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	HOURS HEURES	
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%		mm	cm	mm	cm	km/h		km/h			
1	-1.7	-10.0	-5.9	23.9			92	50			TR.	TR.	2	20.0	N	N 30	11.6		
2	2.3	-12.6	-5.2	23.2			85	48					1	7.3	SSW	WNW15	10.6		
3	5.0	-6.6	-0.8	18.8			91	61					TR	18.0	S	SSW28*	11.0		
4	11.1	0.6	5.9	12.1	0.9		90	66					TR	23.8	S	S 33	10.8		
5	13.5	2.4	8.0	10.0	3.0		91	57					TR	23.6	S	S 33*	11.8		
6	17.5	0.2	8.9	9.1	3.9		99	36					0	8.8	S	S 15	11.7		
7	20.8	3.6	12.2	5.8	7.2		96	39					0	13.8	S	SSW20*	12.2		
8	22.2	5.3	13.8	4.2	8.8		91	41					0	11.5	S	SSW17	11.7		
9	17.1	5.4	11.3	6.7	6.3		87	56		TR.		TR.	0	18.8	S	S 35	9.7		
10	8.0	-1.4	3.3	14.7			100	59					0	11.8	S	NW 19	3.5		
11	7.9	-1.9	3.0	15.0			100	80					0	13.1	N	NNE19	2.5		
12	14.7	-0.7	7.0	11.0	2.0		100	45					0	10.6	SW	SW 20*	5.1		
13	13.8	0.5	7.2	10.8	2.2		84	30					0	8.8	NNW	W 15*	7.3		
14	17.2	1.5	9.4	8.6	4.4		80	26					0	17.0	S	S 33	11.8		
15	22.0	6.2	14.1	3.9	9.1		78	28		TR.		TR.	0	18.5	S	S 31	10.0		
16	18.5	7.0	12.8	5.2	7.8		81	32		0.2		0.2	0	21.5	WNW	W 37*	6.7		
17	23.1	7.4	15.3	2.7	10.3		70	32					0	16.4	S	S 24*	8.5		
18	30.5	7.8	19.2	14.2	1.2		85	32		TR.		TR.	0	16.1	S	ESE33	10.3		
19	26.6	8.2	17.4	0.6	12.4		88	45	1	0.2		0.2	0	28.1	S	SSE43	6.0		
20	10.0	-1.3	4.4	13.6			94	52		TR.		TR.	0	31.7	NW	NW 44	4.7		
21	15.5	-3.8	5.9	12.1	0.9		99	25					0	15.7	S	S 28*	13.0		
22	25.7	4.0	14.9	3.1	9.9		73	25					0	23.6	S	NNW35	13.0		
23	14.9	-2.0	6.5	11.5	1.5		89	23					0	10.7	N	N 22	12.9		
24	17.0	2.6	9.8	8.2	4.8		55	21					0	15.0	S	E 24	2.8		
25	18.7	3.1	10.9	7.1	5.9		82	38		TR.		TR.	0	17.4	NW	NW 24*	13.2		
26	21.0	2.5	11.8	6.2	6.8		91	23		TR.		TR.	0	20.9	NW	NW 46*	10.9		
27	16.3	2.4	9.4	8.6	4.4		87	27					0	14.4	NNW	NNW22*	11.5		
28	29.2	7.4	18.3	13.3	0.3		52	16					0	25.5	S	NNW44	13.2		
29	13.2	3.2	8.2	9.8	3.2		56	23					0	21.0	N	NNE30*	12.5		
30	12.7	4.9	8.8	9.2	3.8		86	36		0.4		0.4	0	19.7	ESE	S 28	1.8		
MEAN MOYENNE	16.1	1.5	8.8	TOTAL 275.7	TOTAL 147.0	TOTAL 1.5	85	39	TOT 1	TOTAL 0.8	TOTAL TR.	TOTAL 0.8		17.4	PREVAILING DIRECTION DOMINANTE S	MAXIMALE NW 46	TOTAL 282.3		
NORMAL NORMALE	8.9	-2.2	3.4	439.4	50.0	1.0			0.7	27.1	11.3	38.5		20.9	S		219.8		
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	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		275.7	403.8	439.4	TOTAL FOR MONTH TOTAL DU MOIS		147.0	40.3	50.0	3	0	0	0	0	0	0	0	0	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET		4929.0	5729.5	5633.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL		147.0	40.3	50.0										

UDC 551.506.1

Note/Aviz

- Climatological Day/Journée climatologique 00\_01 C S.T. - 00\_00 C S.T.
- Normal/Normale 1951-1980
- TR = Trace
- M = Missing/Manquant
- No entry/Pas de valeur = No occurrence/Pas d'événement
- \* 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).
- C = Calm/Calme
- Price: single issue \$2.65; annual (Jan. to Dec.) \$26.25; Prix: numéro individuel \$2.65; annuel (janv. à déc.) \$26.25



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	-38	-59	-63	-73	-77	-89	-97	-91	-84	-80	-65	-48	-45	-37	-26	-22	-21	-29	-58	-80	-89	-80	-98
2	-99	-109	-119	-117	-112	-120	-121	-98	-63	-41	-16	-2	5	10	7	13	16	16	16	-6	-18	-29	-26	-32
3	-33	-36	-50	-40	-38	-51	-42	-32	-13	1	14	26	32	38	39	39	42	43	42	31	32	36	33	32
4	29	18	14	13	10	8	10	10	20	38	55	63	71	79	90	98	108	106	101	85	83	80	74	64
5	58	57	46	42	29	26	26	34	52	64	74	93	106	118	124	130	132	127	122	103	90	82	80	54
6	47	39	30	36	20	21	20	34	66	91	104	128	145	158	162	165	164	162	154	132	117	107	91	80
7	71	62	45	48	45	45	43	51	86	115	134	151	171	187	194	202	199	197	187	164	132	124	119	114
8	109	95	75	68	70	66	59	70	84	109	138	159	177	200	202	210	216	213	197	166	135	126	122	108
9	103	96	94	97	90	74	67	83	105	128	134	140	150	160	158	164	154	136	122	101	90	87	78	60
10	54	44	24	20	25	20	18	26	41	51	50	50	56	56	58	62	68	70	65	30	14	7	0	-10
11	-14	-15	-19	-10	-10	-9	-10	-7	-4	-2	3	5	11	26	33	40	50	66	75	70	51	37	32	10
12	9	0	5	23	14	2	7	27	42	62	79	109	129	126	126	126	125	123	126	113	90	81	75	74
13	47	35	42	42	41	6	10	21	49	60	79	94	99	116	114	131	128	131	133	115	91	67	50	52
14	46	39	38	18	19	19	15	46	83	101	122	143	151	157	157	161	165	158	150	129	109	112	101	98
15	102	97	80	87	80	72	68	73	86	125	147	166	170	193	205	217	214	210	200	136	154	138	138	110
16	118	110	114	114	107	96	102	97	98	104	119	133	147	167	171	184	169	163	150	136	109	98	85	78
17	74	91	99	96	92	100	94	109	144	163	179	192	200	210	224	214	214	218	201	173	141	140	134	132
18	118	116	102	82	86	89	96	88	118	155	197	235	269	275	280	284	298	291	281	180	163	210	220	218
19	199	202	193	184	179	175	173	179	199	214	230	222	231	236	237	263	252	247	241	226	213	176	112	85
20	84	60	50	46	45	45	39	38	41	34	46	62	70	84	81	71	66	80	86	66	50	35	-2	-4
21	-10	-18	-26	-22	-28	-36	-31	10	36	64	86	94	112	130	136	149	145	144	140	128	114	99	90	90
22	82	77	60	70	64	59	55	75	102	132	168	191	211	228	240	251	250	222	173	125	111	91	66	62
23	57	21	15	6	10	-20	-10	26	59	87	103	114	120	128	130	140	140	140	135	129	106	89	68	52
24	53	44	38	34	30	40	50	64	84	102	128	144	158	160	152	152	149	146	143	132	129	125	114	105
25	97	92	92	94	92	83	70	80	102	122	136	153	162	168	175	180	168	170	155	136	99	78	58	57
26	31	43	55	33	39	44	44	75	90	128	188	195	180	180	184	187	182	174	164	141	106	91	83	68
27	59	50	46	55	47	33	25	55	76	92	106	121	126	140	141	147	162	150	144	130	118	107	104	97
28	88	88	85	88	90	99	94	104	131	180	205	239	268	280	285	277	264	210	203	156	137	116	76	88
29	74	64	69	59	46	32	33	50	63	74	91	111	113	130	119	119	119	120	110	104	92	90	87	85
30	84	84	85	80	60	57	53	50	61	59	61	68	78	108	124	120	121	118	111	103	100	97	95	94

Note/Avis: 1. Climatological Day/Journée climatologique 0001 C.S.T. - 0000 C.S.T.  
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 3. Unit/Unite = 0.1°C

HOURLY DEW POINT TEMPERATURE AT:  
TEMPERATURE DE ROSEK HORAIRE A:

WINNIPEG INTERNATIONAL AIRPORT  
AEROPORT INTERN. DE WINNIPEG

1987  
1987

MONTH:  
MOIS:

APRIL  
AVRIL

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	-56	-50	-76	-89	-101	-105	-118	-128	-127	-123	-127	-113	-105	-113	-110	-102	-98	-110	-111	-122	-124	-123	-127	-129
2	-132	-139	-143	-147	-144	-143	-143	-125	-112	-101	-92	-33	-80	-34	-79	-74	-64	-56	-64	-65	-51	-55	-60	-64
3	-59	-56	-63	-59	-57	-64	-57	-51	-41	-40	-43	-43	-33	-22	-14	-10	-1	4	2	4	11	15	11	11
4	8	4	1	-2	-3	-3	-5	-3	1	6	15	18	15	23	31	41	51	49	48	41	43	39	31	19
5	15	11	8	6	4	4	3	4	5	8	7	20	30	38	44	49	52	54	56	58	58	50	46	37
6	32	28	21	25	15	18	18	21	29	31	32	35	31	35	44	16	30	17	33	37	47	45	57	50
7	46	39	36	41	39	36	31	32	47	47	61	68	85	85	87	58	56	74	75	87	87	90	89	81
8	75	69	59	55	46	39	34	34	41	55	57	83	100	108	110	80	100	100	117	129	113	111	98	91
9	65	59	57	56	54	47	43	41	44	55	57	64	75	73	88	80	85	68	60	49	56	59	48	39
10	33	31	19	15	20	15	12	17	23	19	11	2	9	11	11	11	2	-2	20	18	9	2	-3	-11
11	-14	-19	-23	-15	-14	-11	-12	-8	-4	-2	3	3	6	10	14	21	27	36	43	42	39	31	25	10
12	9	0	5	14	13	1	6	23	31	39	48	48	55	51	44	44	31	27	11	26	26	11	5	-3
13	-2	4	0	-8	-16	-19	-14	-4	-19	-21	-21	-16	-32	-51	-35	-27	-10	-12	-24	-27	-12	-12	-10	-9
14	-9	-13	-16	-18	-16	-18	-19	-4	-13	2	-12	-10	-27	-18	-25	-22	-26	-35	-30	-19	-7	-12	-4	-7
15	-11	-17	-11	-17	-15	-13	-9	-6	-1	6	21	29	39	53	49	56	42	17	18	32	48	67	73	71
16	62	61	58	54	63	63	67	58	52	48	51	53	53	49	16	23	2	3	14	14	23	12	15	7
17	5	-6	5	26	31	33	41	47	54	54	61	65	56	54	43	49	45	50	58	50	39	38	34	35
18	31	29	30	35	42	68	68	63	56	61	74	67	87	102	117	134	130	118	121	107	106	121	113	107
19	86	78	81	86	93	100	102	102	105	111	114	116	149	126	127	135	135	134	137	136	138	132	73	66
20	68	51	38	30	23	21	10	11	0	3	0	-8	-6	-6	6	16	32	-2	15	-11	-22	-27	-33	-29
21	-30	-32	-36	-34	-34	-38	-37	-8	-2	4	-11	-27	-48	-43	-51	-51	-49	-49	-44	-41	-39	-36	-40	-37
22	-35	-31	-32	-38	-34	-33	-29	-24	-20	-10	3	16	21	30	38	39	34	52	48	32	23	17	15	16
23	-6	-23	-28	-33	-33	-36	-28	-22	-21	-55	-84	-77	-67	-67	-64	-64	-58	-63	-72	-66	-61	-66	-68	-63
24	-66	-68	-66	-66	-53	-52	-51	-51	-58	-62	-44	-58	-58	-61	-59	-67	-69	-76	-75	-62	-73	-70	-43	-43
25	-37	-27	-13	-10	-9	-9	-2	6	14	31	46	48	45	53	53	48	44	26	21	26	25	15	13	14
26	4	24	31	23	23	20	17	22	44	50	87	89	45	42	31	-3	-37	-28	-23	-37	-32	-30	-24	-24
27	-19	-18	-7	11	12	10	7	23	25	9	-12	-11	-12	-2	-30	-13	2	-22	-42	-48	-39	-28	-28	-23
28	-25	-27	-30	-31	-27	-24	-19	-9	9	37	40	41	30	4	15	19	6	25	19	-26	-45	-34	-23	-21
29	-18	-17	-24	-32	-51	-51	-64	-66	-72	-58	-63	-46	-54	-62	-86	-83	-79	-79	-60	-50	-52	-66	-58	-50
30	-50	-52	-58	-47	-5	11	16	29	29	25	31	26	31	38	33	28	31	30	31	31	38	37	37	34

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 3. Unit/Unite = 0.1°C

**CLIMATOLOGICAL SUMMARY FOR APRIL 1987****AT WINNIPEG, MANITOBA**

April was a very warm and very dry month. The mean temperature of 8.8°C shares with April 1900 as the third warmest April on record - the warmest April's were 1915 (9.4°C) and 1952 (8.9°C). April's precipitation of 0.8 millimetres ranks as the second driest on record - the driest being April 1980 when only a trace of precipitation was recorded.

The warmest temperature for the month was 30.5 on the 18th and the coldest was -12.6°C recorded on the 2nd.

Abundant sunshine of 282.3 hours is the 5th sunniest April on record. The mean wind speed was below normal.

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**DAILY WEATHER SUMMARY FOR APRIL 1987****AT WINNIPEG, MANITOBA**

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