



Environment Canada

Environnement Canada

Atmospheric Environment Service

Service de l'environnement atmosphérique

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

APRIL

AVRIL

19

89

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

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) MÈTRES (NMM)		STANDARD TIME USED: CENTRAL		HEURE NORMALE UTILISÉE:									
DATE	TEMPERATURE			DEGREE-DAYS			REL. HUMIDITY		THUNDERSTORM	PRECIPITATION			SHOW ON GROUND	WIND			BRIGHT SUNSHINE		
	MAXIMUM	MINIMUM	MEAN	HEATING	GROWING	COOLING	MAXIMUM	MINIMUM		RAINFALL	SNOWFALL	TOTAL PRECIP.		AVERAGE SPEED	PREVAILING	MAX 2 MIN MEAN		BRIGHT SUNSHINE	
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%	mm	cm	mm	km/h	DIRECTION	SPEED & DIRECTION	HOURS				
1	5.7	-3.8	1.0	17.0			97	71	0.4	1.8	3.2	10	S	S 39	2.6				
2	7.6	-2.1	2.8	15.2			87	68				04	W	W 17	9.9				
3	4.6	-2.6	1.0	17.0			88	71				02	NNE	NNE 31	11.2				
4	6.7	-4.7	1.0	17.0			85	49				TR	NNW	N 22*	10.5				
5	3.5	-3.7	-0.1	18.1			94	49		0.8	0.4	TR	NNW	N 22*	7.2				
6	2.7	-6.2	-1.8	19.8			89	51				TR	N	W 15*	8.9				
7	0.0	-8.3	-4.2	22.2			92	58		3.1	2.9	TR	N	N 39	6.5				
8	-4.4	-11.8	-8.1	26.1			81	55		0.8	0.6	TR	N	N 37	7.2				
9	-0.3	-11.8	-6.1	24.1			78	42				TR	N	N 28*	12.2				
10	3.4	-7.8	-2.2	20.2			97	57		0.4	0.4	TR	W	NNW 24	6.9				
11	0.9	-6.9	-3.0	21.0			84	55				TR	N	N 19*	10.6				
12	2.7	-6.6	-2.0	20.0			87	49				TR	S	S 28	12.0				
13	8.8	-0.2	4.3	13.7			88	61	TR.		TR.	TR	S	S 35	5.9				
14	7.0	-0.3	3.4	14.6			82	42				TR	NW	NNW 37	12.3				
15	11.2	-1.9	4.7	13.3			90	60				TR	S	S 44	2.1				
16	4.4	-8.5	-2.1	20.1			90	46		TR.	TR.	TR	N	NNE 43*	3.2				
17	4.4	-8.8	-2.2	20.2			72	34				TR	WSW	WSW 28*	13.2				
18	7.1	-2.3	2.4	15.6			77	32				TR	NW	NW 31	13.1				
19	13.0	-5.0	4.0	14.0			89	24				TR	NNW	WNW 17*	11.7				
20	14.0	0.8	7.4	10.6	2.4		81	43	TR.		TR.	TR	ESE	SE 20*	7.8				
21	19.3	0.1	9.7	8.3	4.7		78	39					SSE	SSE 31*	11.9				
22	22.9	8.5	15.7	2.3	10.7		69	41					SE	SE 39	8.9				
23	18.8	8.2	13.5	4.5	8.5		82	50	1	0.2	0.2		S	SE 41	9.1				
24	10.5	1.6	6.1	11.9	1.1		92	69	1	8.2	8.2		NNE	NNE 37*	1.0				
25	15.3	-2.1	6.6	11.4	1.6		87	45					NNE	NNE 26	13.4				
26	9.1	0.1	4.6	13.4			78	40					NNE	NE 33	8.2				
27	11.0	-1.6	4.7	13.3			83	43					NNE	NNE 31	13.4				
28	14.8	-4.8	5.0	13.0			85	32					NNE	NNE 35	12.7				
29	11.6	0.2	5.9	12.1	0.9		80	34	TR.		TR.		ENE	NNE 39	8.3				
30	10.4	2.2	6.3	11.7	1.3		72	34					NNE	NNE 13	1.1				
MEAN MOYENNE	8.2	-3.0	2.6	TOTAL 461.7	TOTAL 31.2	TOTAL 0.0	84	48	TOT 2	TOTAL 8.8	TOTAL 6.9	TOTAL 15.9		PREVAILING NNE	MAXIMALE S 44	TOTAL 263.0			
NORMAL NORMALE	8.9	-2.2	3.4	439.4	50.0	1.0			1	27.1	11.3	38.5		S		219.8			
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 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	TOTALS:		mm		cm					
TOTAL FOR MONTH TOTAL DU MOIS		461.7	389.3	439.4	TOTAL FOR MONTH TOTAL DU MOIS		31.2	71.8	50.0	02 OR MORE		10 OR MORE	20 OR MORE	50 OR MORE	02 OR MORE	10 OR MORE	20 OR MORE	100 OR MORE	500 OR MORE
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET		5663.7	5204.0	5633.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL		31.2	71.8	50.0	7	3	3	0	0	5	2	1	0	0

UDC 551.506.1 ()

Note/Aviz

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 déc.)



DRY-BULB TEMPERATURES AT:
TEMPERATURES DU THERMOMETRE SEC A:

WINNIPEG INTERNATIONAL AIRPORT
AEROPORT INTERN. DE WINNIPEG

MONTH: APRIL
MOIS: AVRIL

1989
1989

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	-26	-21	-21	-21	-19	-12	-5	-2	6	6	11	10	26	31	30	34	43	25	46	38	28	25	25	14
2	11	12	8	4	0	-7	-21	-12	8	13	23	25	28	40	58	53	46	40	51	39	27	21	16	-7
3	-14	-9	-25	-18	-17	-22	-24	-20	-2	8	14	18	26	32	36	40	44	39	31	21	6	5	4	0
4	-6	-15	-17	-25	-41	-44	-47	-33	-20	-8	1	11	21	31	40	50	56	62	55	37	18	7	7	-2
5	-3	-7	-1	-8	-9	-10	-9	2	6	10	14	16	22	26	31	32	33	28	25	9	-8	-17	-20	-26
6	-36	-42	-48	-42	-50	-55	-50	-38	-25	-10	-8	-4	4	4	8	17	18	14	10	-3	-16	-24	-29	-34
7	-36	-37	-33	-30	-29	-25	-26	-29	-31	-28	-21	-23	-24	-20	-18	-6	-8	-19	-31	-48	-60	-68	-74	-78
8	-83	-88	-96	-102	-107	-114	-118	-108	-98	-93	-83	-66	-77	-74	-74	-63	-56	-49	-48	-55	-61	-70	-79	-85
9	-92	-100	-104	-107	-109	-112	-115	-108	-97	-81	-75	-54	-30	-30	-18	-11	-7	-5	-19	-33	-53	-53	-67	-62
10	-76	-73	-66	-66	-73	-65	-59	-47	-26	-2	12	12	15	15	28	26	7	7	2	-1	-12	-15	-18	-25
11	-31	-39	-46	-51	-59	-65	-69	-62	-58	-51	-41	-37	-31	-22	-16	-12	-3	-5	-7	-15	-21	-27	-43	-50
12	-53	-52	-56	-66	-62	-63	-65	-50	-32	-13	-7	4	6	22	20	15	20	9	2	-8	-14	-16	-13	-9
13	-2	1	3	5	4	8	6	16	26	44	55	56	60	73	84	75	86	70	73	51	42	24	26	16
14	3	15	9	4	0	0	-1	2	-3	-2	9	26	39	53	48	61	62	64	63	48	29	23	9	11
15	6	3	0	-5	-14	-15	-2	11	37	59	55	66	83	83	79	87	96	96	97	106	84	72	55	51
16	42	39	30	19	12	6	-6	15	15	10	1	-30	-45	-51	-48	-52	-45	-34	-44	-50	-60	-68	-72	-80
17	-85	-86	-84	-83	-81	-84	-83	-62	-43	-36	-20	-5	1	16	28	35	38	39	38	30	10	5	12	12
18	6	10	10	7	-2	-16	-23	-13	-7	-3	2	18	18	37	49	65	63	66	48	53	36	13	8	2
19	-6	-20	-8	-15	-22	-33	-50	-12	19	43	65	79	90	97	103	114	115	123	119	100	81	58	44	52
20	36	25	43	44	49	46	49	51	54	65	105	120	114	112	120	121	123	120	113	100	70	42	17	11
21	13	25	26	30	21	3	4	36	74	91	119	143	153	168	167	179	183	179	170	160	144	144	130	126
22	114	110	111	106	104	93	86	101	100	125	154	160	192	221	216	221	220	213	214	176	160	137	124	114
23	112	100	105	107	103	96	93	82	87	102	123	143	160	171	176	170	177	176	166	154	132	110	100	92
24	84	82	65	78	86	88	88	93	102	76	68	64	82	92	96	94	87	84	75	72	59	56	33	24
25	18	21	2	-6	-6	-16	-10	25	48	72	88	108	116	123	130	140	145	147	138	120	91	64	44	47
26	34	23	16	11	12	4	2	7	29	40	47	60	63	75	80	79	85	77	70	59	40	30	22	10
27	10	1	-3	-10	-16	-12	-11	9	25	40	51	62	78	77	94	94	96	105	102	86	66	46	34	23
28	15	-8	-20	-47	-30	-25	-25	13	46	71	100	118	126	132	133	124	113	105	98	87	60	46	50	36
29	33	25	18	16	4	4	2	20	38	61	68	47	75	82	90	104	94	100	89	75	67	64	60	56
30	47	37	29	31	28	25	23	28	41	60	79	82	94	89	91	93	95	94	90	86	74	66	64	56

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 1'heure normale de la localité
 3. Unit/Unite = 0.1°C

WINNIPEG INTERNATIONAL AIRPORT
AEROPORT INTERN. DE WINNIPEG

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

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	-47	-40	-38	-37	-34	-27	-23	-16	-9	-2	1	6	21	23	15	16	16	10	7	-7	-11	-14	-13	-14
2	-19	-24	-25	-27	-28	-33	-43	-36	-23	-19	-14	-11	-10	-1	4	5	4	15	-1	-10	-10	-16	-20	-30
3	-33	-33	-43	-38	-39	-42	-44	-43	-30	-21	-12	-8	-5	-5	0	9	5	-6	-16	-29	-31	-35	-35	-39
4	-42	-45	-47	-52	-63	-66	-70	-58	-48	-40	-34	-25	-18	-18	-17	-22	-44	-38	-34	-30	-27	-32	-31	-28
5	-29	-31	-24	-21	-20	-24	-20	-12	-8	-18	-19	-22	-22	-27	-17	-25	-19	-25	-21	-43	-75	-86	-100	-118
6	-110	-105	-96	-99	-91	-96	-92	-86	-80	-84	-80	-82	-79	-84	-82	-67	-65	-58	-52	-41	-51	-52	-52	-52
7	-53	-54	-49	-45	-43	-41	-38	-42	-46	-43	-38	-44	-66	-85	-83	-78	-80	-90	-93	-116	-124	-134	-130	-132
8	-139	-148	-156	-160	-168	-167	-162	-157	-148	-132	-118	-102	-102	-130	-115	-124	-126	-127	-117	-132	-127	-126	-136	-138
9	-138	-139	-139	-142	-143	-144	-146	-144	-141	-141	-132	-128	-134	-122	-111	-113	-119	-113	-84	-96	-98	-106	-108	-113
10	-129	-127	-134	-135	-138	-121	-108	-98	-85	-53	-27	-32	-26	-19	-14	-20	-1	-15	-19	-19	-51	-58	-65	-70
11	-79	-79	-86	-87	-91	-98	-100	-101	-106	-104	-101	-90	-91	-85	-86	-80	-72	-83	-72	-74	-73	-87	-89	-76
12	-79	-77	-79	-84	-82	-84	-86	-69	-66	-78	-94	-82	-77	-69	-68	-77	-76	-82	-79	-72	-74	-75	-67	-62
13	-56	-50	-45	-33	-24	-19	-13	-3	1	-3	16	16	23	28	28	16	20	8	6	-19	-23	-14	-29	-27
14	-27	-27	-29	-31	-34	-44	-45	-45	-53	-49	-43	-33	-19	-10	-18	-24	-34	-60	-55	-33	-34	-41	-43	-22
15	-23	-23	-20	-22	-29	-31	-27	-15	-11	-13	-13	6	18	25	29	39	39	42	52	63	43	25	16	2
16	15	20	12	1	-7	-9	-19	-4	-23	-29	-63	-98	-99	-98	-110	-123	-125	-123	-133	-148	-156	-147	-157	-124
17	-130	-127	-122	-122	-127	-128	-128	-116	-124	-132	-126	-118	-119	-106	-105	-110	-106	-105	-92	-82	-64	-67	-66	-64
18	-63	-58	-54	-51	-64	-66	-68	-84	-96	-114	-111	-118	-107	-99	-84	-79	-86	-84	-86	-100	-97	-26	-29	-36
19	-41	-53	-50	-50	-52	-61	-67	-30	-26	-33	-45	-67	-68	-51	-50	-47	-55	-72	-70	-57	-63	-61	-36	-32
20	-34	-29	-29	-36	-38	-42	-43	-48	-34	-15	3	-2	25	19	23	21	21	21	15	11	-5	-16	-18	-20
21	-20	-12	-14	-23	-27	-36	-32	-12	-12	-11	5	22	28	39	46	47	45	41	43	54	57	48	41	34
22	33	31	30	29	32	33	32	35	38	46	54	59	71	86	88	86	84	78	71	46	36	23	19	13
23	7	2	4	9	8	15	17	31	31	33	35	60	74	84	92	92	97	100	98	92	91	81	71	47
24	39	37	41	47	39	39	37	47	42	52	49	49	68	73	59	48	37	43	38	29	25	26	13	8
25	6	2	-18	-27	-30	-35	-31	-14	0	7	21	12	10	21	31	36	38	28	32	39	16	-3	-6	-17
26	-16	-22	-21	-25	-29	-34	-35	-29	-26	-26	-34	-20	-20	-17	-21	-26	-29	-38	-54	-48	-35	-30	-37	-37
27	-42	-42	-41	-43	-44	-42	-35	-25	-21	-22	-27	-27	-24	-18	-8	-13	-14	-25	-35	-34	-38	-34	-33	-33
28	-39	-43	-56	-66	-55	-50	-49	-34	-24	-27	-37	-35	-29	-27	-23	-27	-44	-46	-55	-44	-27	-27	-16	-16
29	-16	-15	-17	-22	-26	-27	-28	-23	-18	-12	-5	13	9	-10	-23	-36	-55	-50	-53	-53	-55	-54	-49	-43
30	-38	-33	-30	-28	-28	-26	-19	-19	-21	-29	-43	-48	-49	-52	-57	-53	-56	-52	-51	-46	-40	-45	-45	-41

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

April continued the colder than normal weather that has persisted since February.

The mean temperature was 2.6, almost a degree colder than the norm of 3.4 and the coldest April since 1979. The mean maximum was 8.2 (normal 8.9) and the mean minimum was -3.0 (normal -2.2). Extremes for the month were 22.9 on the 22nd and -11.8 on the 8th and 9th of the month.

Precipitation was less than half of the normal. Rainfall was 6.9 mm (normal 11.3 mm) and snowfall 8.9 cm (normal 27.1 cm).

Sunshine was above the normal at 263.0 hours (normal 219.8) and winds were averaged 17.7 km/h compared to the norm of 20.9 for the windiest April since 1967.

DAILY WEATHER SUMMARY FOR APRIL 1989AT WINNIPEG, MANITOBA

1. Cloudy to overcast with intermittent snow and rain showers clearing in the afternoon. Temperatures slightly above normal. Moderate occasionally gusting to strong, reduced to light by mid-morning.
2. Sunny with a few cloudy periods in the early evening. Temperatures above normal. Winds light.
3. Cloudy early in the morning sunny through the day. Temperatures slightly above normal. Winds light becoming moderate by noon.
4. Sunny. Temperatures slightly above normal. Winds light.
5. Clear becoming cloudy by early morning and clearing again in the late afternoon. Temperatures near normal. Winds light.
6. Variable cloud in the morning clearing in the afternoon. Temperatures below normal. Winds light.
7. Overcast with snow in the morning, clearing in the early afternoon. Temperatures much below normal. Winds light becoming moderate by noon and gusting to strong in the evening.
8. Clear becoming overcast by mid-morning with light snow and clearing again by late afternoon. Temperatures well below normal. Winds moderate except for a period of light in the morning.
9. Sunny. Temperatures well below normal. Winds moderate becoming light by evening.
10. Sunny with patchy afternoon clouds. Temperatures below normal. Winds light with occasional moderate gusts.
11. Sunny. Temperatures well below normal. Winds light.
12. Sunny. Temperatures well below normal. Winds light in the morning becoming moderate by late afternoon.
13. Cloudy with a few showers in the morning. Near normal temperatures. Moderate winds with gusts to strong becoming light by evening.
14. Sunny. Normal temperatures. Winds light becoming strong by early morning and light again by evening.
15. Sunny with afternoon cloudy periods. Temperatures slightly above normal. Winds strong becoming gale force in late afternoon and light by early evening.
16. Sunny with afternoon cloudy periods. Temperatures well below normal. Winds moderate with strong gusts in the afternoon becoming light by evening.
17. Sunny. Few clouds in the afternoon. Temperatures below normal. Winds light becoming moderate occasionally gusting strong by mid-morning, reducing to moderate in the evening.
18. Sunny. Temperatures slightly below normal. Winds light becoming moderate in the morning, reduced to light by late afternoon.
19. Sunny. Temperatures near normal. Winds light.
20. Cloudy to overcast with rainshowers in the morning, becoming sunny by late in the morning. Temperatures slightly above normal.
21. Sunny with a few clouds in the afternoon. Temperatures above normal. Winds light becoming moderate by mid-morning.
22. Sunny with a few cloudy periods in the morning. Sunny in the afternoon. Temperatures well above normal. Winds moderate, becoming moderate gusting strong in the afternoon.
23. Cloudy to overcast with a thunderstorm in the morning. Sunny in the afternoon. Temperatures well above normal. Winds moderate occasionally gusting strong reducing to light in the evening.
24. Cloudy to overcast with a moderate thunderstorm in the morning, clearing in the evening. Winds light becoming moderate occasionally gusting strong by noon, reducing to light in the evening. Temperatures near normal.
25. Sunny. Temperatures near normal. Winds light, a few periods of moderate.
26. Sunny with a few clouds. Temperatures slightly below normal. Winds light becoming moderate in the morning.
27. Sunny. Temperatures slightly below normal. Winds moderate occasionally gusting strong.
28. Sunny. Temperatures near normal. Winds light becoming moderate occasionally gusting strong in the morning.
29. Cloudy with a few sunny periods and rainshowers near noon. Temperatures slightly below normal. Winds moderate occasionally gusting strong with a short period of light winds near noon. Winds becoming light in the evening.
30. Cloudy to overcast. Temperatures slightly below normal. Winds light.