

DAILY WEATHER SUMMARY FOR APRIL, 1993    AT WINNIPEG, MANITOBA

1. Clear. Temperatures near normal. Winds light.
2. Clear. Temperatures near normal. Winds light.
3. Clear. Maximum temperature slightly above normal, minimum temperature near normal. Winds light.
4. Clear. Temperatures above normal. Winds light increasing to moderate by late morning, decreasing to light by late afternoon.
5. Clear. Maximum temperature well above normal, minimum temperature above normal. Winds light increasing to moderate by late morning, decreasing to light by early evening.
6. Clear becoming cloudy by early afternoon, clearing by late evening. Temperatures above normal. Winds light with few gusts to moderate in afternoon.
7. Clear increasing to overcast by early morning. Temperatures above normal. Winds light.
8. Mainly cloudy with afternoon showers. Maximum temperature slightly above normal, minimum temperature above normal. Winds light.
9. Variable cloud, clearing in early evening. Temperatures near normal. Winds light increasing to moderate by early morning and decreasing to light by late afternoon.
10. Clear with increasing cloud by early morning. Maximum temperature near normal, minimum temperature slightly below normal. Winds light.
11. Mainly cloudy. Temperatures near normal. Winds light.
12. Cloudy with showers from early afternoon to early evening. Maximum temperature near normal, minimum temperature above normal. Winds light increasing to moderate by late morning and decreasing to light by late afternoon.
13. Variable cloud. Temperatures slightly above normal. Winds light.
14. Variable cloud, clearing by late afternoon. Temperatures near normal. Winds light increasing to moderate by early morning and decreasing to light by late afternoon.
15. Mainly sunny. Maximum temperature slightly above normal, minimum temperature below normal. Winds light.
16. Mainly sunny. Maximum temperature slightly above normal, minimum temperature near normal. Winds light increasing to moderate by early morning and decreasing to light by early evening.
17. Sunny increasing to overcast overnight and clearing in early evening. Maximum temperature above normal, minimum temperature slightly below normal. Winds light increasing to moderate by early afternoon.
18. Variable cloud becoming clear by early evening. Maximum temperature near normal, minimum temperature slightly below normal. Winds light increasing to moderate with strong gusts by early morning and decreasing to light by early evening.
19. Mainly sunny. Maximum temperature near normal, minimum temperature well below normal. Winds light increasing to moderate with strong gusts by late morning and decreasing to light by early evening.
20. Mainly sunny. Maximum temperature near normal, minimum temperature below normal. winds light increasing to moderate by early afternoon and decreasing to light by early evening.
21. Variable cloud. Maximum temperature above normal, minimum temperature near normal. Winds light increasing overnight to moderate and decreasing to light by late afternoon.
22. Mainly sunny becoming cloudy by late afternoon. Maximum temperature well above normal, minimum temperature near normal. Winds light.
23. Becoming clear overnight and increasing to cloudy by late morning. Maximum temperature well above normal, minimum temperature above normal. Winds light.
24. Mainly cloudy becoming clear by early evening. Maximum temperature near normal, minimum temperature below normal. Winds light increasing to moderate with strong gusts overnight.
25. Clear. Maximum temperature below normal, minimum temperature well below normal. Winds decreasing to light overnight.
26. Becoming cloudy overnight. with early morning snow. Maximum temperature above normal, minimum temperature near normal. Winds increasing to moderate overnight with strong gusts by late morning .
27. Overcast with thundershowers overnight ending by early evening. Maximum temperature near normal, minimum temperature above normal. Winds decreasing to light overnight and increasing to moderate by late afternoon.
28. Overcast with drizzle and fog overnight ending by early morning and showers by late afternoon. Maximum temperatures slightly below normal, minimum temperature slightly above normal. Winds light.
29. Overcast with showers ending overnight and drizzle and fog in early morning, and showers by early afternoon ending by early evening. Maximum temperature below normal, minimum temperature near normal. Winds light.
30. Overcast with fog overnight becoming sunny by late afternoon. Temperatures near normal. Winds light.

WIND SUMMARY  
SUMMAIRE DES VENTS

WINNIPEG INT'L AIRPORT

APRIL 1993  
PAGE 6

HOUR ->	DIR.																								PEAK WIND SPEED	WIND 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			
D 17	NE	NNE	NNE	NNE	NE	NE	C	E	SE	SSE	SE	SE	SE	SSE	SSE	S	SSW	NE	E	NNE	N	N	N	SSE	43	13:57	
A 6	7	4	7	6	6	0	4	4	9	13	17	20	19	24	28	28	26	11	24	17	28	26	28	20			
Y 18	N	N	N	NNE	N	N	NNE	NNE	NNE	NE	NE	NE	NE	NE	NNE	NNE	NE	NE	NNE	NNE	N	NNE	NNE	NNE	48	13:45	
O 22	19	19	24	19	19	20	24	24	22	26	20	22	39	28	28	28	30	30	28	15	15	13	13				
F 19	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	NE	ENE	NE	NNE	N	NE	NE	NE	NE	NE	NNE	N	NNE	NNE	NNE	48	11:58	
M 17	7	9	7	7	7	7	9	13	11	17	15	19	28	24	26	24	26	28	19	11	11	11	13				
O 20	NNE	NNE	NNE	N	N	NNE	N	C	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	39	15:33	
N 19	11	7	7	7	9	7	7	0	13	11	13	9	13	15	24	22	24	28	22	13	13	9	11	15			
T 21	SW	WSW	SW	WSW	WSW	W	WSW	W	W	WNW	W	W	SSW	SSW	WSW	W	SW	SW	SW	SW	SSW	SSW	SSW	SSW	39	11:41	
H 13	13	15	15	22	22	19	19	19	20	20	26	20	20	24	26	19	19	15	19	6	7	7	15	15			
22	SSW	SSW	SSW	SSW	W	S	S	SSE	C	ESE	E	E	SW	E	E	NE	SSE	C	NE	NE	NE	ENE	E	E			
23	ESE	SE	SE	S	S	SSE	SSE	SSE	S	S	SSE	S	SSE	S	SSE	SE	SSE	S	SSE	SE	SE	SE	SE	SSE	43	11:45	
24	SSE	SSE	S	SSE	SSE	SSE	W	SSE	S	SSE	S	SSE	S	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	56	17:31	
25	SSE	SSE	S	SSE	SSE	SSE	W	NNE	N	N	N	NNE	N	NE	NNE	NE	ENE	SSE	C	C	E	E	E	ESE			
26	ESE	ESE	SE	SSE	SSE	SSE	SSE	SSE	S	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	63	11:07	
27	S	S	S	SSE	SSE	S	S	SSE	S	SSE	S	SSE	E	ENE	ESE	E	ENE	W	WNW	NNE	NE	ENE	NE	S	63	00:32	
28	E	NE	NE	NNE	NNE	N	NE	NNE	NNE	NE	W	C	S	C	ENE	ENE	ENE	E	E	NE	ENE	SSE	NW	C	37	19:53	
29	S	SSW	S	S	S	SSE	SW	S	SSE	ESE	SE	ENE	ENE	NNE	N	NNE	NE	NE	NE	NE	NE	NE	N	N			
30	NW	N	N	N	NNE	NNE	N	NNE	NNE	N	NNE	NNE	NE	NE	NE	NE	N	ENE	NNE	NNE	N	NNE	SSE	SSE	37	15:29	
EQUAL TO OR OVER		----->																								WINDSPEED IS	
NUMBER OF HOURS	----->																								IN KM/HR		
NUMBER OF DAYS	----->																										
MAX CONSECUTIVE HOURS	----->																										

DEW POINT SUMMARY  
 SUMMAIRE DES TEMPERATURES DE ROSEE

WINNIPEG INT'L AIRPORT

APRIL 1993  
 PAGE 4

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	-121	-122	-118	-115	-110	-112	-120	-127	-126	-123	-124	-148	-135	-128	-129	-123	-122	-136	-82	-62	-57	-61	-70	-92	-111
A 2	-105	-102	-77	-74	-77	-81	-75	-81	-104	-110	-120	-124	-138	-135	-114	-104	-100	-105	-75	-80	-64	-62	-56	-96	-66
T 3	-58	-68	-64	-72	-74	-71	-75	-54	-44	-61	-57	-78	-74	-69	-61	-51	-53	-49	-36	-50	-58	-55	-60	-60	-60
E 4	-52	-44	-56	-61	-64	-57	-52	-47	-45	-37	-38	-29	-37	-28	-32	-33	-28	-24	-22	-19	-24	-40	-43	-40	-40
5	-42	-41	-41	-41	-42	-43	-43	-43	-41	-36	-36	-31	-38	-38	-34	-31	-28	-29	-25	-14	-10	-20	-25	-32	-34
6	-39	-47	-51	-51	-52	-49	-47	-43	-33	-21	-5	1	7	-21	-14	-12	-15	-12	-13	-5	2	4	0	-2	-22
7	-6	-10	-17	-20	-27	-23	-21	-12	10	10	20	20	24	25	25	22	22	26	16	19	19	24	23	22	8
8	21	21	14	13	9	10	6	1	20	19	19	25	32	26	17	19	21	21	15	7	9	8	-18	-17	13
9	-15	-35	-31	-39	-35	-38	-38	-34	-25	-16	-13	-12	-25	-11	-13	-16	-19	-1	-5	-8	-6	-12	-16	-24	-20
10	-40	-48	-43	-53	-63	-54	-73	-42	-29	-19	-18	-14	-10	-18	-20	-12	-4	0	-7	-5	-10	-31	-29	-27	-28
11	-26	-24	-25	-25	-24	-31	-30	-26	-23	-18	-21	-17	-17	-24	-37	-49	-46	-62	-69	-71	-61	-55	-45	-52	-37
12	-54	-63	-65	-48	-31	-12	-7	-1	5	7	9	2	-10	5	3	25	37	36	36	38	33	27	19	20	0
13	22	23	21	10	6	0	0	-1	3	3	-5	-11	25	29	-22	-15	-20	-15	-12	-15	-7	-8	-15	-1	-1
14	-5	-9	-9	-8	-8	-3	-3	1	13	5	-7	-35	-47	-63	-56	-57	-41	-29	-38	-40	-46	-49	-55	-27	-27
15	-57	-35	-60	-59	-62	-66	-69	-27	-17	-7	-1	-7	-17	-13	-16	-42	-17	-22	-3	-3	-10	2	-12	-22	-27
16	-27	-24	-25	-25	-35	-40	-42	-44	-35	-28	-22	-13	0	16	18	20	13	16	11	-36	-47	-57	-57	-53	-22
17	-63	-58	-61	-55	-56	-39	-42	-29	-33	-55	-54	-54	-51	-46	-33	2	-2	29	30	30	30	14	9	3	-11
18	-18	-19	-24	-12	-12	-15	-24	-14	-15	-13	-20	-28	-35	-41	-51	-62	-65	-66	-83	-99	-96	-88	-86	-84	-45
19	-90	-102	-105	-111	-111	-107	-121	-97	-110	-116	-111	-133	-128	-96	-89	-82	-77	-83	-86	-85	-82	-72	-68	-61	-97
20	-66	-72	-73	-77	-81	-96	-88	-67	-68	-69	-108	-98	-90	-104	-96	-91	-113	-111	-109	-102	-101	-98	-94	-69	-89
21	-85	-92	-88	-81	-75	-70	-69	-54	-33	-24	-27	-40	-40	-42	-45	-39	-63	-62	-68	-65	-56	-56	-56	-58	-58
22	-58	-63	-64	-69	-72	-68	-69	-59	-46	-38	-45	-37	-41	-50	-51	-55	-52	-60	-55	-48	-57	-62	-51	-53	-55
23	-51	-48	-44	-44	-40	-37	-35	-19	0	23	42	20	12	5	-14	-12	-18	-15	-17	-2	-10	-9	10	33	-11
24	37	38	35	30	26	18	14	-19	0	23	42	20	12	5	-14	-12	-18	-15	-17	-2	-10	-9	10	33	9
25	37	38	35	30	26	18	14	-104	-117	-124	-125	-125	-122	-118	-121	-124	-124	-137	-132	-134	-135	-141	-138	-141	-82
26	-139	-137	-134	-127	-127	-126	-117	-105	-100	-83	-81	-61	-47	-39	-9	1	10	15	25	24	24	23	43	39	-50
27	55	61	59	59	55	48	44	44	45	54	61	64	65	74	76	86	69	60	68	67	59	55	48	41	59
28	39	38	39	38	34	29	29	28	30	30	32	33	38	39	44	49	53	55	57	58	58	57	51	53	42
29	49	37	37	30	29	27	27	28	35	39	43	40	44	43	39	34	30	26	19	6	4	-2	-3	28	28
30	1	1	1	1	3	1	-10	6	9	16	21	26	11	11	6	-4	-30	-50	-23	-13	-37	-36	0	5	-4

MEAN -32 -34 -34 -35 -36 -36 -38 -35 -30 -26 -25 -23 -28 -27 -29 -25 -28 -27 -25 -23 -25 -25 -26 -26 -26 -29

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

Temperature/Temperature Precipitation/Precipitation Record/Record de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS						RECORD RECORD
	VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			
						VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE	19.9	23	20.3	28		34.3	21	1980				121
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE	-10.0	25	-12.0	12					-27.8	3	1932	121
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	4.3		2.5		3.8	9.4		1915	-2.8		1893	121
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	24.2		25.8		26.4	138.2		1896	0.0		1907	121
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	TR		11.8		9.4	44.5		1872	0.0		1980	121
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	24.2		35.8		35.9	143.3		1896	TR		1980	121
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	4		10		8	17		1924	0		1980	121
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	13.6	27	16.0	19		36.6	30	1896				121
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	0.0	24	4.8	21		33.0	12	1872				121
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	13.6	27	16.0	19		44.1	30	1986				121
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:												
5 MINUTES	1.6	27	0.0	0		3.4	27	1984				40
10 MINUTES	2.2	27	0.0	0		5.6	14	1976				40
15 MINUTES	3.0	28	0.0	0		6.6	14	1976				40
30 MINUTES	3.8	28	0.0	0		7.5	24	1989				40
60 MINUTES	4.2	27	0.0	0		13.0	19	1961				40
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES	13.6	27	16.0	19		43.7	13	1911				121
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	14.0		19.6		20.0	26.2		1943	13.8		1972	72
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)	S 43	26	NNE 56	19		NW 81	13	1964				54
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	S 63	26	NNE 78	19		N106	3	1963				46
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES D'INSOLATION	231.7		142.6		232.4	326.7		1980	118.6		1924	111
MEAN STATION PRESSURE (hPa) PRESSION MOYENNE À LA STATION (hPa)	98.73		98.77		98.64	99.08		1944	98.10		1955	54
GREATEST STATION PRESSURE (hPa) PRESSION MAXIMALE À LA STATION (hPa)	100.00	1	100.76	12		100.96	12	1950				54
LEAST STATION PRESSURE (hPa) PRESSION MINIMALE À LA STATION (hPa)	97.15	23	96.53	30					95.24	16	1963	54

CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST YEARS  
DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES DERNIÈRES ANNÉES

YEAR ANNÉE	MAXIMUM TEMP MAXIMALE	MINIMUM TEMP MINIMALE	MEAN TEMP TEMP MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP TOTALE	MEAN WIND SPEED VITESSE MOYENNE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	SUNSHINE HEURES D'INSOLATION	HEATING DEGREES-DAYS DE CHAUFFE	CROPPING DEGREES-DAYS DE CROISSANCE	COOLING DEGREES-DAYS DE REFRIGERATION	RAINFALL APRIL 1
1984	23.5	-5.7	7.2	42.9	4.8	46.9	18.1	NNE 56	233.2	323.9	92.5	0.0	42.9
1985	31.6	-7.5	6.3	7.4	8.8	16.2	15.3	NNW 52	258.5	352.1	89.0	0.0	7.4
1986	21.4	-9.6	4.5	86.3	10.5	96.8	19.1	S 48	185.8	403.8	40.3	0.0	86.3
1987	30.5	-12.6	8.8	0.8	TR	0.8	17.4	NW 46	282.3	275.7	147.0	1.5	0.8
1988	26.0	-13.2	5.1	0.4	0.4	0.8	18.9	NW 52	298.2	389.3	71.8	1.7	0.4
1989	22.9	-11.8	2.6	8.8	6.9	15.9	17.7	S 44	263.0	461.7	31.2	0.0	8.8
1990	31.1	-12.7	2.8	14.0	8.0	19.8	20.0	WNW 43	223.7	461.1	75.1	5.2	14.0
1991	25.7	-7.9	7.2	47.0	23.4	79.3	18.2	SE 61	225.1	323.6	99.3	0.0	47.0
1992	20.3	-12.0	2.5	25.8	11.8	35.8	19.6	NNE 56	142.6	464.8	37.8	0.0	25.8
1993	19.9	-10.0	4.3	24.2	TR	24.2	14.0	S 43	231.7	411.4	29.5	0.0	24.2

Note/Aviz 1. Climatological Day/Journée climatologique 0001 C.S.T. - 2300 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