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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS APRIL / AVRIL

19 80

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

LAT: 49° 54N		LONG: 97° 14 W		ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÈTRES (NNM)				STANDARD TIME USED: CENTRAL HEURE NORMALE UTILISÉE:											
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE HEURES			
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%		mm	cm	mm		km/h		km/h				
1	4.9	-5.3	-0.2	18.2		88	52				Tr.	18.2	NNE	NNE 33	11.1				
2	4.9	-7.0	-1.1	19.1		90	51				Tr.	4.5	calm	N 13*	7.3				
3	6.7	-5.5	0.6	17.4		89	34				Tr.	8.4	calm	N 19*	11.9				
4	11.8	-1.2	5.3	12.7	0.3	81	50				Tr.	19.4	W	WSW 30*	11.7				
5	12.8	-3.1	4.9	13.1		94	33					14.1	SE	SE 28*	9.7				
6	17.7	3.5	10.6	7.4	5.6	91	51	1	Tr.	Tr.		22.0	SSE*	S 33	7.5				
7	5.8	0.5	3.2	14.8		97	63					35.8	NNE	NNE 46*	1.1				
8	4.8	-3.0	0.9	17.1		87	58					22.6	NNE	NNE 35	1.0				
9	5.7	-6.0	-0.2	18.2		89	35					17.1	N	NNE 33	11.7				
10	8.0	-6.3	0.9	17.1		85	30					20.7	N	NNE 41	12.3				
11	7.3	-2.5	2.4	15.6		70	27					30.7	N	NNE 50	7.8				
12	6.8	-5.5	0.7	17.3		86	39					25.7	N	NNE 43	12.6				
13	9.8	-6.0	1.9	16.1		90	36					5.9	S	S 19	12.7				
14	15.0	0.9	8.0	10.0	3.0	75	33					28.7	N, S	N 50	10.5				
15	7.9	-5.5	1.2	16.8		88	19					12.7	NE	N 22	11.4				
16	19.2	3.1	11.2	6.8	6.2	79	33		Tr.	Tr.		24.1	S	S 41	8.9				
17	22.0	1.4	11.7	6.3	6.7	78	20					10.0	calm	SSE 28	12.4				
18	29.9	7.5	18.7		13.7	54	6					30.3	S	SSW 65	9.1				
19	20.5	1.9	11.2	6.8	6.2	81	17					13.8	NW	NE 26	10.5				
20	32.2	12.0	22.1		17.1	38	13					23.1	S	S 35*	10.6				
21	34.3	9.3	21.8		16.8	63	10					19.4	S	SSE 35	12.9				
22	17.8	1.8	9.8	8.2	4.8	74	13					39.5	N	N 70	12.9				
23	13.9	-2.1	5.9	12.1	0.9	75	24					21.6	NNE	NNE 37	13.5				
24	16.3	-4.4	6.0	12.0	1.0	81	32					10.0	ENE	ENE 26	13.6				
25	20.1	-1.6	9.3	8.7	4.3	85	25					18.0	NNE*	NE 33	13.9				
26	22.0	-0.3	10.9	7.1	5.9	78	25					10.9	NE	NE 28	14.1				
27	24.1	2.5	13.3	4.7	8.3	70	12					8.4	NE	NE 24	14.0				
28	26.5	1.5	14.0	4.0	9.0	64	14					5.7	ENE	ENE 17	13.9				
29	26.6	4.9	15.8	2.2	10.8	61	16					8.6	calm	ESE 28	13.6				
30	27.7	5.0	16.4	1.6	11.4	72	17					5.1	ENE	ENE 17*	12.5				
31													calm						
MEAN MOYENNE	16.1	-0.3	7.9	TOTAL 311.4	TOTAL 132.0	78	30	TOTAL 1	TOTAL Tr.	TOTAL Tr.	TOTAL 0	17.8	PREVAILING DOMINANTE NNE	MAXIMUM N 70	TOTAL 326.7				
NORMAL NORMALE	8.6	-1.9	3.3	441.1	49.8	85	43	0.7	25.4	11.9	37.3	0	21.7	SOUTH 60	208.5				
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE: cm				
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	311.4	558.3	441.1	TOTAL FOR MONTH TOTAL DU MOIS			132.0	8.4	49.8										
ACCUMULATED SINCE JULY 1 DEPUIS LE 1 ^{er} JUILLET	5517.0	6289.8	5575.6	ACCUMULATED SINCE APRIL 1 DEPUIS LE 1 ^{er} AVRIL			132.0	8.4	49.8	0	0	0	0	0	0	0	0	0	0

UDC 551.506.1 (

April 6th - Tornado at Altona

Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December)

Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre)

6:35 p.m., property damage; funnel cloud at Emerson.

Prevailing Wind Direction - 6th also

This April was not only the driest April on record but also the driest month ever recorded in Winnipeg since records began in 1872. The previous record for April was 2.0 MM set in 1949 while the previous driest months with only 0.8 MM were May, 1917 and November 1976. April 30th marked the 35th consecutive day with no measurable precipitation making this the longest dry spell ever during the spring season and the 3rd longest dry spell on record. Naturally there were no days in April with measurable precipitation, this too is a record not only for April but for any given month of the year. Sunshine, with 326.7 hours smashed the previous record of 305.5 hours set in 1900. This month's total is 79% of the total possible hours of sunshine. The maximum temperature of 34.3 on the 21st was the highest temperature ever recorded during April since 1872.

DAILY WEATHER SUMMARY FOR APRIL 1980

AT WINNIPEG, MANITOBA

1. Above normal temperatures. Mostly light winds. Sunny.
2. Above normal temperatures. Mostly sunny. Light winds.
3. Above normal temperatures. Sunny. Light winds.
4. Mild. Sunny. Mostly light winds but gusty west winds to 45 Km/h late morning and early afternoon.
5. Mild. Mostly sunny. Mostly light winds, but southeast gusts to 43 Km/h in the afternoon.
6. Warm. Mostly sunny. Showers 2:18 a.m. to 2:41 a.m., 5:04 p.m. to 5:18 p.m. Thunder 9:42 p.m. to 10:04 p.m. Moderate winds gusting to 43 Km/h. Marble size hail reported in St. Vital about 9:45 p.m. Funnel cloud near Emerson about 7:30 p.m. did not touch the ground. Tornado at Altona about 6:35 p.m., \$100,000 property damage, no injuries. 40.0 MM of rain fell in the north part of town, while 80.0 MM fell in the south part. 10 to 13 cm of hail on the ground it was the earliest ever for this part of the country for a tornado.
7. Above normal temperatures. Cloudy. Moderate NNE winds gusting to 61 Km. Heavy fog 2:46 a.m. to 3:30 a.m. Visibility severely restricted.
8. Near normal temperatures. Cloudy. Moderate NNE winds gusting to 44 Km/h.
9. Below normal temperatures. Sunny. Mostly light winds but NNE gusts to 46 Km/h.
10. Below normal temperatures. Sunny. Moderate north winds gusting to 48 Km/h.
11. Near normal temperatures. Cloudy, clearing late morning. Moderate north winds gusting to 63 Km/h in the afternoon.
12. Below normal temperatures. Sunny. Moderate north winds gusting to 65 Km/h in the afternoon. Red River free of ice.
13. Slightly below normal temperatures. Sunny. Light winds.
14. Mild. Sunny. Moderate south winds becoming moderate north winds gusting to 65 Km/h.
15. Below normal temperatures. Sunny. Mostly light winds.
16. Warm. Partly cloudy. Showers 5:19 p.m. to 5:31 p.m. Moderate south winds gusting to 59 Km/h changing to gusty northwest in the afternoon then light southwest winds.
17. Warm. Sunny. Mostly light winds.
18. Warm. Record high temperature for this day. Record low Relative Humidity of 42 years at 6%. Sunny becoming cloudy in the afternoon. Moderate southwest winds gusting to 70 Km/h. Assiniboine River free of ice.
19. Warm. Mostly sunny. Light winds.
20. Warm. Record breaking high maximum temperature, record breaking high minimum temperature. Mostly sunny. Moderate south winds gusting to 52 Km/h.
21. Warm highest maximum temperature ever in April. Sunny. Mostly light winds, but gusty south-southeast winds to 56 Km/h.
22. Above normal temperatures. Mostly sunny. Moderate winds gusting to 98 Km/h. Strong winds on Lake Manitoba and at Twin Lake beach drove "mountains" of ice to shore crushing one big cottage and damaging another. Residents never saw ice pushed in so far inland before.
23. Near normal temperatures. Sunny. Moderate NNE winds gusting to 52 Km/h.
24. Normal temperatures. Sunny. Mostly light winds but gusty east winds to 43 Km/h about noon.
25. Above normal temperatures. Sunny. Mostly light winds but gusty northeast winds to 54 Km/h in the afternoon.
26. Above normal temperatures. Sunny. Mostly light winds but gusty ENE winds to 50 Km/h in the afternoon.
27. Warm. Sunny. Mostly light winds.
28. Warm. Sunny. Light winds.
29. Warm. Sunny. Light winds except ESE gusts to 41 Km/h in the early afternoon.
30. Warm. Sunny. Smoke in the morning. Visibility slightly restricted. Light winds except for east gusts to 33 Km/h in the afternoon.

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL

ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

1980 INTERNATIONAL AIRPORT FOR THE MONTH OF APRIL

STARTING 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	PEAK HOUR	GUSTS
1	NE 13	NE 13	NE 11	NE 13	NE 17	NE 17	NE 6	NNE 22	NNE 24	NNE 24	NNE 24	NNE 24	NNE 28	NNE 30	NNE 33	NNE 26	NNE 26	N 24	N 20	N 15	NW 9	NW 15	NW 13	NW 9	NNE 41	14 CST
2	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 0	C 2	C 4	C 7	C 11	C 11	C 13	C 11	C 7	C 0	C 7	C 7	C 7	C 6		
3	NW 2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 9	NW 13	NW 13	NW 19	NW 17	NW 17	NW 17	NW 17	NW 19	NW 13	NW 9	NW 11	NW 6	NW 2	NW 7		
4	WSW 11	WSW 11	WSW 13	WSW 13	WSW 15	WSW 17	WSW 17	WSW 19	WSW 24	WSW 24	WSW 30	WSW 30	WSW 30	WSW 26	WSW 26	WSW 26	WSW 22	WSW 20	WSW 17	WSW 13	WSW 13	WSW 17	WSW 19	WSW 15	WSW 48	10 CST
5	W 15	W 15	W 9	W 2	W 2	W 0	W 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	S 2	SE 43	14 CST
6	SE 19	SE 13	SE 17	SE 22	SE 22	SE 17	SE 15	SE 24	SE 30	SE 30	SE 22	SE 24	SE 24	SE 28	SE 24	SE 28	SE 30	SE 19	SE 20	SE 24	SE 19	SE 24	SE 26	SE 20	SE 43	09 CST
7	NNE 26	NNE 22	NNE 35	NNE 31	NNE 37	NNE 43	NNE 39	NNE 43	NNE 41	NNE 43	NNE 44	NNE 44	NNE 41	NNE 46	NNE 43	NNE 39	NNE 46	NNE 37	NNE 31	NNE 28	NNE 24	NNE 24	NNE 26	NNE 28	NNE 61	12 CST
8	NNE 22	NNE 24	NNE 22	NNE 24	NNE 26	NNE 22	NNE 24	NNE 24	NNE 28	NNE 31	NNE 35	NNE 30	NNE 31	NNE 26	NNE 26	NNE 28	NNE 31	NNE 26	NNE 19	NNE 11	NNE 13	NNE 9	NNE 7	NNE 7	NNE 44	11 CST
9	N 7	N 9	N 2	N 6	N 7	N 11	N 11	N 17	N 20	N 28	N 26	N 33	N 28	N 26	N 26	N 20	N 28	N 28	N 17	N 17	N 17	N 9	N 7	N 7	NNE 46	15 CST
10	N 11	N 7	N 6	N 6	N 11	N 7	N 11	N 13	N 22	N 24	N 28	N 33	N 24	N 22	N 24	N 28	N 35	N 41	N 33	N 28	N 22	N 22	N 20	N 19	N 48	16 CST
11	NNW 19	NNW 19	NNW 20	NNW 17	NNW 24	NNW 22	NNW 24	NNW 33	NNW 35	NNW 39	NNW 33	NNW 28	NNW 35	NNW 50	NNW 48	NNW 43	NNW 41	NNW 37	NNW 28	NNW 24	NNW 24	NNW 28	NNW 24	NNW 24	N 63	13 CST
12	NNW 19	NNW 20	NNW 22	NNW 13	NNW 15	NNW 17	NNW 19	NNW 28	NNW 31	NNW 28	NNW 35	NNW 33	NNW 37	NNW 32	NNW 39	NNW 35	NNW 35	NNW 43	NNW 33	NNW 22	NNW 15	NNW 17	NNW 17	NNW 6	N 65	14 CST
13	NNW 13	NNW 6	NNW 0	NNW 2	NNW 4	NNW 2	NNW 2	NNW 2	NNW 0	NNW 2	NNW 0	NNW 2	NNW 2	NNW 2	NNW 2	NNW 6	NNW 2	NNW 9	NNW 11	NNW 9	NNW 9	NNW 13	NNW 15	NNW 19	NNE 65	14 CST
14	S 20	S 22	S 20	S 20	S 19	S 24	S 22	S 24	S 30	S 26	S 28	S 19	S 20	S 43	S 46	S 50	S 33	S 26	S 44	S 28	S 41	S 35	S 24	S 24		
15	N 22	N 15	N 19	N 19	N 15	N 15	N 15	N 19	N 20	N 15	N 17	N 15	N 11	N 9	N 15	N 11	N 7	N 6	N 6	N 2	N 7	N 11	N 2	N 7		
16	SE 11	SE 17	SE 17	SE 20	SE 26	SE 33	SE 35	SE 37	SE 41	SE 37	SE 37	SE 31	SE 28	SE 24	SE 24	SE 28	SE 37	SE 31	SE 31	SE 31	SE 11	SE 7	SE 2	SE 9	S 59	09 CST

17	WSW W	W	WNW	WNW	W	WNW	C	C	C	C	C	SE	C	SSW	W	E	E	SE	SE	SE	SE	SSE	37	23 CST
18	SSE SSE S	S	S	SSW	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	W	W	WNW	WNW	WNW	WNW	WNW	SW	70	13 CST
19	NW NW	WNW	NW	NW	NW	NW	N	E	ESE	W	WNW	W	W	WSW	C	SE	SE	SE	SE	SE	SE	SSE	31	23 CST
20	S S	S	S	S	S	SSW	SSW	SSW	S	SSW	SSW	SE	S	S	S	S	S	S	S	S	S	S	52	22 CST
21	S S	SSW	S	SSE	S	SE	SE	SE	SE	SSE	SE	SE	S	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	56	12 CST
22	W NW	WNW	NW	NW	NW	NW	NW	N	NNE	N	NNE	N	N	NNE	N	NNE	NE	N	N	N	N	NNW	98	05 CST
23	W W	W	WNW	WNW	NW	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NE	NE	NE	NNE	52	15 CST
24	N NNE	ENE	C	C	NNE	C	NE	E	ESE	ENE	ENE	E	ENE	E	NE	ENE	NE	NNE	NNE	NNE	NNE	E	43	12 CST
25	NNE NNE	NE	N	NNE	NE	NE	NE	NE	NNE	NE	NE	NE	NE	NNE	NE	NNE	NE	NE	NNE	NE	NNE	NE	4	17 CST
26	NE ENE	NE	NE	NNE	C	WSW	N	NE	ENE	ENE	E	ENE	NE	ENE	NE	NE	NE	NE	NE	NE	NE	ENE	54	16 CST
27	NE NE	NE	NNE	C	C	ENE	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE	NE	NE	NE	NE	NE	N	39	09 CST
28	NE NNE	NNE	ENE	W	NW	NNW	NE	NE	NE	NE	E	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	50	14 CST
29	C C	C	C	C	C	SSE	E	SSE	ESE	ESE	SE	E	SE	ESE	ESE	SE	SE	SSE	NE	S	C	ESE	41	13 CST
30	NE NE	C	SSE	C	C	C	C	E	ENE	ENE	E	ENE	ESE	SSE	ENE	S	NNW	N	ENE	NE	E	S	33	13 CST

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