

DAILY WEATHER SUMMARY FOR MAY, 1993 AT WINNIPEG, MANITOBA

1. Clear becoming cloudy to overcast by mid-morning. Maximum temperature below normal, minimum near normal. Winds light.
2. Variable cloudiness in the morning, mainly sunny in the afternoon. Temperatures near normal. Winds light.
3. Variable cloudiness becoming clear early evening. Maximum temperature well above normal, minimum above normal. Winds moderate, occasionally gusting to strong in the afternoon, decreasing to light early evening.
4. Mainly sunny becoming mainly cloudy near noon. Maximum temperature well above normal, minimum near normal. Winds light.
5. Mainly sunny. Maximum temperature well above normal, minimum temperature slightly above normal. Winds light, increasing to be light to moderate early evening.
6. Mainly sunny becoming cloudy early evening. Temperatures well above normal. Winds light increasing to moderate gusting strong mid-afternoon, decreasing to moderate late evening.
7. Cloudy to overcast with a few showers through the day, thunder and showers mid-evening. Temperatures well above normal. Winds increasing to moderate gusting to strong mid-morning, decreasing to light late evening.
8. Cloudy to overcast with showers. Maximum temperature above normal, minimum well above normal. Winds light to moderate.
9. Cloudy to overcast with showers. Showers ending mid-afternoon. Maximum temperature slightly above normal, minimum well above normal. Winds light to moderate, with a short period of moderate gusting strong mid-afternoon.
10. Sunny. Maximum temperature well above normal, minimum slightly above normal. Winds light.
11. Sunny. Maximum temperature well above normal, minimum above normal. Winds light with a period of moderate in the afternoon.
12. Sunny. Temperatures near normal. Winds light.
13. Mainly sunny. Maximum temperature well above normal, minimum above normal. Winds increasing to moderate occasionally gusting strong mid-morning, decreasing to light mid-evening.
14. Cloudy. Maximum temperature below normal, minimum slightly below normal.
15. Cloudy to overcast with showers early evening. Maximum temperature well below normal, minimum below normal. Winds moderate, decreasing to light late evening.
16. Cloudy. Temperatures below normal. Winds increasing to moderate and gusty by mid-morning.
17. Cloudy to overcast with showers in the afternoon. Maximum temperature well below normal, minimum below normal. Winds light increasing to moderate mid-afternoon, decreasing to light mid-evening.
18. Cloudy to overcast. Maximum temperature well below normal, minimum below normal. Winds light occasionally moderate in the afternoon.
19. Cloudy to overcast with scattered showers. Maximum temperature below normal, minimum near normal. Winds light.
20. Showers overnight, cloudy becoming sunny near noon. Temperatures slightly below normal. Winds light, increasing to moderate and gusty mid-morning, decreasing to light early evening.
21. Variable cloudiness. Maximum temperature near normal, minimum well below normal. Winds light becoming moderate mid-evening.
22. Mixture of sun and cloud with thunder and showers mid-afternoon. Maximum temperature well above normal, minimum above normal. Winds moderate, decreasing to light to moderate early afternoon.
23. Overcast, periods of drizzle mid-morning to mid-afternoon. Maximum temperature below normal, minimum slightly above normal. Winds increasing to moderate and gusty early morning.
24. Mainly cloudy, clearing by late afternoon. Maximum temperature slightly above normal, minimum near normal. Winds moderate decreasing to light early evening.
25. Variable cloudiness with morning showers. Maximum temperature below normal, minimum slightly below normal. Winds light becoming moderate mid-morning, decreasing to light early evening.
26. Clear becoming overcast by late afternoon. Maximum temperature below normal, minimum temperature well below normal. Winds light becoming moderate by mid-evening.
27. Cloudy to overcast, with light rain mid-morning, to early afternoon. Maximum temperature well below normal, minimum near normal. Winds light, with a period of moderate mid-morning to mid-afternoon.
28. Sunny. Maximum temperature near normal, minimum below normal. Winds light.
29. Overcast with scattered showers. Maximum temperature below normal, minimum near normal. Winds light.
30. Mainly sunny, becoming overcast late evening. Temperatures below normal. Winds increasing to moderate occasionally gusting to strong by late morning, decreasing to light mid-evening.
31. Sunny with some cloud in the afternoon. Maximum temperature below normal, minimum well below normal. Winds light increasing to moderate mid-morning, decreasing to light early evening.

DEGREE DAYS SUMMARY FOR: WINNIPEG INT'L AIRPORT ON MAY 1993

DAY	MEAN TEMP	ABOVE + 24	ABOVE + 18	ABOVE + 5	ABOVE ZERO	BELOW ZERO	BELOW + 18
1	4.5				4.5		13.5
2	6.8			1.8	6.8		11.2
3	15.0			10.0	15.0		3.0
4	12.6			7.6	12.6		5.4
5	15.1			10.1	15.1		2.9
6	20.5		2.5	15.5	20.5		3.9
7	19.1		1.1	14.1	19.1		
8	18.0			13.0	18.0		
9	14.1			9.1	14.1		
10	15.3			10.3	15.3		
11	19.4		1.4	14.4	19.4		5.9
12	12.1			7.1	12.1		1.1
13	16.9			11.9	16.9		11.7
14	6.3			1.3	6.3		13.2
15	4.8				4.8		
16	5.4			0.4	5.4		12.6
17	5.5			0.5	5.5		12.5
18	4.2				4.2		13.8
19	4.4			3.4	4.4		9.6
20	9.8			4.8	9.8		8.2
21	8.1		1.2	3.1	8.1		9.9
22	19.2			14.2	19.2		6.1
23	11.9			6.9	11.9		7.3
24	10.7			5.7	10.7		9.7
25	8.3			3.3	8.3		
26	6.0			1.0	6.0		12.0
27	9.7			4.7	9.7		8.3
28	9.8			4.8	9.8		8.2
29	11.0			6.0	11.0		7.0
30	9.4			4.4	9.4		8.6
31	8.7			3.7	8.7		9.3
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TOTAL		0.0	6.2	193.1	346.6	0.0	217.6

DEU POINT SUMMARY
 SUMMAIRE DES TEMPERATURES DE ROSEE

WINNIPEG INT'L AIRPORT

MAY 1993
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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	3	-5	-4	-8	-9	-10	-9	-9	-10	-10	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	5	
A	2	3	-3	-9	-19	-15	-6	-6	3	10	11	11	7	8	7	9	14	16	13	12	12	8	8	9	13	
T	3	22	21	18	13	6	3	4	4	12	12	18	22	24	28	26	27	27	27	25	24	21	20	16	16	
E	4	26	23	16	12	-5	-6	5	5	23	41	56	59	42	6	-1	24	24	33	33	44	36	56	49	28	
	5	39	46	48	49	45	38	44	37	52	39	17	46	32	53	53	69	67	58	51	51	38	40	34	45	
	6	31	30	34	36	36	37	41	52	76	85	77	66	51	51	54	40	20	40	66	64	36	33	45	49	
	7	57	71	66	76	89	85	83	84	112	113	125	121	126	121	110	122	122	111	121	129	127	140	145	107	
	8	144	138	137	137	140	137	135	132	140	146	159	154	142	115	143	146	150	149	153	153	151	157	151	145	
	9	152	151	151	152	150	151	149	153	156	135	125	110	104	96	86	86	79	83	88	88	85	86	88	120	
	10	85	79	72	68	57	47	52	53	73	78	55	70	51	33	39	48	50	53	59	59	79	74	78	61	
	11	81	74	68	51	44	47	48	53	70	94	83	71	65	50	55	97	83	61	46	51	33	45	37	62	
	12	28	25	9	0	3	1	12	8	10	19	23	33	36	48	42	43	51	29	38	46	44	66	46	28	
	13	50	44	34	26	27	31	36	51	79	86	100	98	96	97	100	108	84	44	57	31	15	8	9	58	
	14	3	6	18	24	24	37	39	40	37	27	24	15	2	-6	-11	-20	-22	11	3	-6	-11	-14	-20	10	
	15	-25	-28	-35	-53	-51	-55	-54	-44	-62	-54	-52	-25	-36	-41	-38	-45	-29	-27	-19	-4	-8	-5	-1	-36	
	16	-14	-21	-23	-24	-23	-20	-6	0	-30	-24	-14	-10	-13	-25	-19	-19	-18	-19	-6	-7	-7	5	5	-14	
	17	-4	-15	5	9	17	22	26	23	11	3	12	3	14	18	28	33	24	26	16	23	17	13	3	13	
	18	4	-8	-16	-23	-31	-31	-14	8	10	10	16	11	20	18	5	2	8	16	0	4	4	9	9	0	
	19	-3	-12	-11	0	13	15	20	16	14	16	11	11	10	21	22	45	38	41	41	47	49	42	26	21	
	20	44	39	38	38	38	38	48	56	26	29	-14	-34	-33	-26	-45	-9	-15	-33	-37	-49	-50	-46	-45	0	
	21	-46	-43	-54	-51	-60	-55	-37	-30	-27	-15	-20	-17	6	-4	4	-21	-20	-10	-13	-20	-18	-16	-11	-25	
	22	-10	-2	3	0	5	16	30	42	65	71	85	91	106	114	110	147	120	121	112	92	127	110	104	72	
	23	98	101	91	98	98	95	92	89	79	79	80	84	76	76	74	77	75	69	67	52	46	32	18	76	
	24	11	16	15	15	12	11	10	18	9	1	7	6	11	10	11	15	18	-14	-47	-35	3	-5	7	5	
	25	9	-6	-20	-30	-24	-18	-8	18	16	54	39	40	35	25	-7	-26	-26	-8	-4	-4	-9	3	3	2	
	26	-11	-26	-17	-21	-28	-30	-20	-26	-30	-33	-22	-23	-8	-18	-19	-16	-6	-21	0	-8	-14	-21	-20	-19	
	27	-18	-18	-22	-21	-15	-14	-7	-3	4	3	2	35	25	29	20	23	16	16	10	11	12	15	14	6	
	28	13	1	-7	-10	-17	-18	-10	-5	-11	-18	-2	-24	-11	-6	0	-12	1	-1	11	10	3	-2	-4	-5	
	29	-3	2	3	3	2	13	27	40	47	53	51	58	68	72	82	77	74	82	100	99	99	78	73	52	
	30	55	0	-16	-12	-13	-2	9	10	-13	-9	-32	-12	-9	6	4	-14	-9	0	-5	-6	-5	-9	-14	-5	
	31	-14	-13	-12	-16	-12	-16	5	9	9	-18	-15	-19	-21	-12	4	-3	-1	-5	-7	-9	-10	-8	-12	-9	
MEAN	26	22	19	17	16	18	24	31	34	33	35	34	34	33	34	32	35	33	31	32	30	30	30	27	29	
MOYENNE																										

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

COMPARATIVE RECORDS AT RELEVÉS COMPARATIFS À		WINNIPEG INT'L AIRPORT				MONTH MOIS MAY			1983					
Temperature/Température Precipitation/Precipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	- Celsius - Millimètres/millimètres (mm) - Centimètres/décimètres (cm) - Kilomètres/h / kilomètres/h (km/h) - Kilohectares (hPa)	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS							
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	RECORD RECORD	
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		29.2	6	34.2	19		37.8	30	1934				121	
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-3.3	21	-2.9	3					-11.7	3	1907	121	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		11.2		12.5		11.6	17.8		1977	4.4		1907	21	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		34.8		19.8		57.8	177.7		1977	0.8		1917	121	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		0.0		0.0		2.0	32.5		1931	0.0		1987	121	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		34.8		19.8		59.8	177.7		1977	0.8		1917	121	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		8		11		10	17		1979	1		1917	121	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		14.4	8	11.2	10		67.6	11	1911				121	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		0.0	0	0.0	0		21.1	1	1967				121	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		14.4	8	11.2	10		71.7	11	1911				121	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES		2.1	7	1.3	21		10.6	25	1978				40	
10 MINUTES		3.6	7	1.3	10		17.6	25	1978				40	
15 MINUTES		5.1	7	1.9	10		21.6	25	1978				40	
30 MINUTES		8.6	7	2.7	10		25.1	20	1974				40	
60 MINUTES		10.7	7	4.2	10		28.7	20	1974				40	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		18.4	8	11.2	10		67.6	11	1911				121	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		16.9		20.6		19.0	26.1		1959	14.6		1976	72	
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)	WNW 46	9	S 52	18			NW 80	10	1959				54	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	SE 67	7	S 78	20			NW109	10	1959				46	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		251.3		295.5		276.8	357.4		1917	126.6		1927	111	
MEAN STATION PRESSURE (hPa) PRESSION MOYENNE À LA STATION (hPa)		98.59		98.61		98.48	98.92		1961	98.17		1965	54	
GREATEST STATION PRESSURE (hPa) PRESSION MAXIMALE À LA STATION (hPa)		99.58	1	100.62	23		100.62	23	1992				54	
LEAST STATION PRESSURE (hPa) PRESSION MINIMALE À LA STATION (hPa)		96.72	22	96.46	1					95.49	5	1950	54	
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES													YEARS DERNIÈRES ANNÉES	
YEAR ANNÉE	MAXIMUM TEMP MAXIMALE	MINIMUM TEMP MINIMALE	MEAN 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 INSOLATION	HEATING DEGRES-JOURS DE CHAUFFE	CROWING DEGRES-JOURS DE CROISSANCE	COOLING DEGRES-JOURS DE REFRIGERATION	RAINFALL APRIL 1	
1984	33.8	-6.0	10.1	29.8	TR	29.8	18.1	WSW 52	293.4	260.2	167.9	0.0	72.7	
1985	29.1	-1.3	13.1	64.0	0.0	64.0	15.0	C 41	280.2	153.5	252.2	0.0	71.4	
1986	34.0	-2.9	14.0	25.2	TR	25.2	14.7	ENE 52	313.8	154.5	284.0	0.0	111.5	
1987	34.1	-3.5	14.8	31.6	0.0	31.6	17.6	NNE 46	276.6	123.1	303.4	22.7	32.4	
1988	35.2	-4.2	14.6	29.9	0.0	29.9	19.4	S 59	288.5	146.5	299.4	41.8	30.3	
1989	30.5	-10.1	13.7	26.0	TR	26.0	16.4	NW 56	301.1	152.7	281.2	21.1	34.8	
1990	27.8	-6.0	10.3	28.9	0.6	29.7	15.6	NNW 46	314.0	243.0	180.2	5.1	42.9	
1991	30.5	-3.1	14.5	63.7	4.8	68.7	17.7	SSE 43	240.3	141.3	314.3	34.5	110.7	
1992	34.2	-2.9	12.5	19.8	0.0	19.8	20.6	S 52	295.5	194.5	237.6	23.7	45.6	
1993	29.2	-3.3	11.2	34.8	0.0	34.8	16.9	WNW 46	251.3	217.6	193.1	6.2	59.0	

Notes/Avs: 1 Climatological Day/Jourée climatologique 0001 C.S.T. - 2300 C.S.T.
 2 Normal/Normale 1961-1990
 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