
WIND CHILL FOR MAY 1983
 YWG - WINNIPEG MANITOBA

EXPRESSED IN WATTS/SQ.M.

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1165	1233	1146	1234	1162	1087	1093	1180	1195	1174	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1063	1020	1051	1024	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1134	1123	1155	1108	0	0	1066	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1200	1192	1218	1138	1189	0	1233	1204	1174	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1299	1304	1334	1297	1316	1322	1236	1306	0	1259	1319	1239	1041	1017	1097	0	0	0	0	0	0	0
15	0	0	1055	1084	1096	1093	1182	1236	1192	0	0	0	1067	991	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY

	RANGE	RANGE	RANGE	RANGE
	1200-1599 W/SQ.M	1600-1999 W/SQ.M	2000-2299 W/SQ.M	> 2299 W/SQ.M.
NUMBER OF HOURS=	18	0	0	0
NUMBER OF DAYS=	4	0	0	0
LONGEST CONSECUTIVE HOURS				

INTERNATIONAL AIRPORT FOR THE MONTH OF MAY

ABSTRACT OF THE WIND AT WINNIPEG
ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER HOUR

STARTING	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 GUSTS	TIME (CST)
1	NE 9	NE 6	E 9	ESE 9	E 6	E 7	NNE 6	NE 6	E 4	E 6	ENE 9	E 9	E 6	NE 9	ENE 11	E 11	NNE 13	NE 19	NNE 19	NNE 17	NNE 13	NNE 13	ENE 15	ENE 13	NE 33	1652
2	ENE 13	NE 4	ENE 4	NE 4	NNW 7	C 0	NNW 6	C 0	C 0	SE 6	W 2	SE 6	ENE 6	SE 6	SSE 7	NNW 4	S 6	SSE 9	S 13	WSW 15	WSW 11	SSW 11	SSW 17	SW 7		
3	W 17	NW 13	WNW 15	WNW 11	W 13	W 7	WSW 9	WSW 6	WSW 9	SSW 13	SSW 30	NW 41	NW 48	WNW 44	NW 35	NW 44	WNW 37	NW 39	NW 43	NW 28	NW 30	N 22	NNW 31	N 20	NNW 65	1105
4	NNW 28	NW 19	N 13	N 11	WNW 13	WNW 13	NNW 9	NNW 6	NNW 6	NNE 11	NNE 7	SSW 6	SSW 7	SSE 6	W 7	NNE 13	SW 4	SSW 7	WNW 9	WSW 4	WSW 0	SSW 13	SSW 11	NNE 13		
5	E 9	E 13	SSE 11	S 15	S 13	N 7	N 6	N 9	NE 15	NE 19	NE 19	NE 19	NE 19	NE 19	NE 22	N 19	NE 20	NNE 22	NNE 22	NNE 28	NNE 17	NE 15	NNE 20	NNE 24	NNE 39	2324
6	NNE 30	NNE 19	NNE 15	NNE 13	NNE 11	NNE 13	NNE 13	NNE 15	NE 13	NE 13	NE 13	ENE 26	ENE 30	ENE 31	N 33	NNE 35	NNE 37	NNE 30	N 28	NNE 31	NNE 28	NNE 22	NNE 22	NNE 19	NNE 48	1150
7	N 22	N 19	N 15	NNE 11	NNE 9	NNE 6	NNE 6	NNE 13	NNE 13	NNE 13	NE 22	NE 22	NE 15	NE 15	ENE 19	ENE 19	NNE 22	NNE 22	N 17	NE 17	NE 11	ENE 11	ENE 11	E 9	NNE 35	0953
8	E 11	E 6	ESE 13	ESE 11	SSE 11	SSE 11	SSE 17	SSE 20	SSE 26	SSE 30	SSE 30	SSE 24	SSE 30	SSE 28	SSE 31	SSE 28	SSE 35	SSE 31	SE 41	SE 35	SE 28	SE 26	SE 31	SE 24	SE 54	1605
9	SSE 43	SSE 39	SSE 41	SSE 41	SSE 46	SSE 30	SE 28	SE 44	SE 41	SE 41	SSE 46	SSE 48	SSE 41	SSE 48	SE 44	SE 43	SE 41	SSE 35	SE 31	ESE 31	SE 33	SE 37	ESE 31	SE 33	SSE 78	1307
10	SE 33	SSE 37	SSE 37	SSE 33	SSE 28	SSE 28	SSE 30	SSE 37	SSE 41	SSE 41	SSE 31	SSE 39	SSE 33	SSE 33	SSE 30	SSE 33	SSE 31	SSE 28	SSE 22	SSE 24	SSE 20	SSE 20	SSW 19	SSW 13	SSE 59	0147
11	WSW 19	WSW 15	WSW 15	WSW 24	WSW 20	WSW 26	NW 15	NW 30	NW 30	NNW 24	NNW 20	NNW 22	NNW 24	NNW 24	NNW 24	NNW 30	NNW 30	NNW 31	NNW 31	NNW 33	NNW 31	NNW 30	N 28	N 31	N 44	1409
12	N 22	N 30	NNE 26	NNE 35	NNE 31	NNE 28	NNE 30	NNE 33	NE 33	NE 30	NE 37	NE 33	ENE 37	ENE 37	ENE 33	ENE 37	ENE 31	ENE 28	ENE 30	ENE 30	E 26	E 39	S 43	SSW 24	ENE 59	1313
13	SSW 19	SSW 20	S 20	S 20	S 28	S 28	S 30	S 28	S 31	S 33	S 33	S 33	SW 33	SW 28	SW 24	SSW 33	W 31	W 31	W 37	WNW 37	WNW 39	WNW 41	NW 37	NW 39	WNW 59	1713
14	NW 30	NW 28	NW 26	NW 19	NW 20	NW 9	NNW 19	NNW 26	NNW 22	NNW 11	NNW 11	NNW 19	NNW 11	NNW 20	NNW 24	NNW 22	NNW 11	NNW 17	NNW 17	NNW 19	NNW 17	NNW 17	NNW 15	NNW 13	NNW 46	1500
15	N 17	N 19	N 15	N 9	N 9	N 7	N 6	NNE 11	NNE 11	NNE 7	NNE 15	NNE 17	NNE 22	NNE 30	N 17	N 22	N 15	NNE 13	NNE 13	NNE 11	NE 9	NW 7	NNW 6	0	NNE 41	1334
16	C 0	SSW 6	SSW 2	SSW 2	SW 9	WSW 6	WSW 6	SW 9	SSW 13	SSW 7	SSW 13	WSW 9	SSW 15	SSW 9	SSW 13	SSW 7	SSW 13	SSW 13	WSW 19	WSW 11	WSW 9	SSW 7	SSW 17	SSW 19	WSW 31	1536

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY

LOCAL STANDARD TIME

ALL TEMPERATURES IN DEGREES CELSIUS

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.	-2.0	-1.6	-1.0	-3	-1.3	-4.6	-2.4	2.9	6.2	9.3	10.5	12.5	13.5	13.5	14.7	15.3	15.2	14.0	13.7	11.7	9.2	6.0	6.6	4.7
2.	4.2	4.3	3.5	.2	-7	-6	.1	4.1	9.0	11.7	13.3	15.2	16.0	17.0	17.6	18.6	18.8	18.1	17.5	17.2	15.6	14.6	15.2	12.8
3.	6.8	6.6	4.2	2.2	1.3	.3	.8	3.2	6.6	8.7	10.1	7.7	9.8	8.1	7.5	7.0	6.5	6.7	5.6	4.1	.6	-1.4	-9	-1.5
4.	-1.8	-2.7	-3.2	-4.7	-6.3	-6.8	-6.1	-3.3	-6	7	2.6	3.8	4.2	6.0	7.5	9.5	9.5	10.2	10.2	9.3	7.7	6.0	5.5	5.8
5.	4.8	4.4	4.6	5.4	4.9	2.3	3.1	3.0	7.2	9.5	10.7	10.5	11.2	11.8	12.7	12.5	11.8	11.8	10.7	8.5	7.1	5.8	3.6	2.3
6.	.8	.2	1.2	-2.4	-2.2	-2.0	-1.1	2.5	4.9	7.6	9.2	10.6	11.5	11.8	12.0	11.4	10.5	10.2	9.4	8.0	5.6	3.5	2.0	2.0
7.	-5	-1.5	-2.5	-2.8	-3.4	-5.0	-2.5	.7	4.1	5.8	7.3	8.5	9.5	9.8	11.0	10.9	11.2	10.9	10.2	9.3	6.6	3.8	2.3	2.9
8.	2.3	1.4	1.0	0.0	.9	.1	2.5	5.5	8.6	12.4	14.1	14.9	16.1	17.8	17.1	18.4	18.8	19.0	18.6	17.7	16.5	15.5	14.0	13.2
9.	14.5	13.8	13.2	12.7	12.2	10.4	10.1	10.4	11.0	14.0	15.4	16.9	18.0	18.0	17.7	17.5	17.8	18.0	16.8	16.0	15.0	15.6	14.6	14.7
10	14.6	14.4	14.0	13.2	12.7	12.7	10.6	10.7	11.3	14.7	16.6	14.2	16.6	14.2	12.1	12.8	13.6	13.0	13.0	11.0	10.4	9.4	9.4	9.6
11	8.6	7.0	5.8	3.6	2.0	1.3	.5	.2	7	2.2	2.0	3.5	5.0	6.5	6.3	6.4	4.3	2.6	1.0	0.0	0.0	-4	-6	-5
12	-6	-1	0.0	-2	-1	-1	0.0	.2	4	1.0	2.0	3.2	4.2	5.0	5.5	5.4	5.6	6.2	6.8	7.7	8.8	7.9	5.8	3.9
13	4.1	2.5	1.4	.8	.5	.6	.9	1.3	2.3	2.8	3.3	4.0	4.3	5.6	4.4	3.4	3.7	2.6	2.5	1.4	.2	-1.1	-1.8	-2.3
14	-3.1	-4.1	-4.8	-5.0	-6.3	-6.3	-5.7	-4.7	-3.6	-2.9	-2.1	-7	.7	1.3	2.2	2.8	2.8	2.3	2.2	1.0	-2	-1.1	-2.4	-3.4
15	-4.2	-5.0	-5.5	-8.2	-8.0	-8.0	-6.3	-3.8	-1.2	.4	1.2	2.4	4.3	4.3	4.3	4.1	5.1	4.5	4.9	4.4	3.2	-6	-2.4	-2.5
16	-3.7	-2.7	-3.7	-4.9	-4.8	-5.3	-3.1	1.7	4.3	5.7	6.7	8.0	8.4	9.4	11.5	11.1	11.8	12.8	12.0	11.2	8.8	8.2	6.3	5.5
17	4.6	3.8	3.2	2.3	3.1	3.1	3.8	7.0	10.5	12.8	16.3	18.8	20.2	20.2	19.8	15.0	19.6	18.7	17.9	16.2	12.3	8.8	7.8	7.5
18	7.0	6.2	6.7	6.8	5.2	5.5	8.0	9.0	12.4	15.4	18.1	20.5	20.2	18.6	23.5	23.1	21.7	20.1	19.8	16.7	16.2	13.7	13.1	11.4
19	10.1	11.3	9.4	8.8	8.4	8.3	8.2	7.5	7.2	7.0	6.5	6.5	6.0	8.0	8.4	9.2	8.7	9.3	7.4	6.7	5.9	1.9	1.6	0.0
20	-1.7	-1.4	-2.4	-2.2	-3.6	-3.5	-4	2.9	5.5	7.6	9.1	10.8	13.9	14.5	16.0	17.0	18.0	18.2	18.0	17.0	16.4	15.4	14.6	13.5
21	13.0	12.4	11.7	10.7	10.4	9.9	10.2	11.2	12.3	13.5	14.0	17.0	20.5	20.5	22.2	20.3	20.8	19.5	19.2	14.3	10.3	8.4	7.7	6.9
22	6.4	5.8	5.8	5.2	3.4	2.1	3.2	5.3	7.8	10.0	11.9	12.8	14.8	17.5	17.5	18.2	18.9	18.5	17.8	17.9	15.1	11.0	9.8	8.8
23	9.0	8.6	8.0	7.4	7.6	7.0	7.5	9.5	11.4	13.4	15.2	17.2	18.8	19.7	18.7	19.0	18.7	18.5	18.9	18.2	16.0	7.0	4.4	4.2
24	3.3	2.8	2.5	2.2	.7	.4	1.1	3.0	4.9	6.2	6.8	7.2	7.5	9.2	10.1	11.5	11.7	11.9	11.6	10.9	9.2	5.7	4.4	2.8
25	1.0	2.1	3.6	2.0	.4	1.1	2.6	5.2	9.0	11.3	13.3	14.5	15.0	16.1	16.9	17.1	17.5	17.7	17.8	16.3	15.4	13.5	12.0	10.2
26	8.3	9.2	9.2	9.7	8.7	7.8	9.8	11.9	15.2	15.8	16.3	18.0	21.0	22.7	22.2	21.8	21.5	20.8	19.3	19.0	18.5	18.3	17.0	16.2
27	15.8	14.8	13.0	12.7	10.4	9.8	12.8	14.0	15.5	18.0	20.0	21.0	21.6	22.7	23.7	25.1	24.8	24.4	23.6	22.2	19.5	17.4	15.0	13.4
28	13.2	13.1	11.6	11.0	10.2	8.5	9.5	11.3	13.6	14.5	16.5	17.5	17.0	16.4	11.2	10.2	7.7	8.8	8.5	8.3	7.8	7.0	5.3	5.7
29	6.4	7.0	7.0	7.3	6.1	6.2	6.2	7.2	8.7	11.3	12.7	13.0	13.5	13.3	14.3	14.2	14.8	14.5	14.0	13.2	12.6	11.3	9.3	8.8
30	8.2	8.0	9.0	9.0	8.8	8.9	9.3	9.3	9.8	10.6	11.8	11.7	11.7	13.5	14.9	15.8	16.5	16.7	16.1	15.7	14.3	12.7	10.5	9.6
31	8.3	6.9	2.9	2.1	2.2	2.8	5.7	8.0	11.0	12.8	14.4	15.0	16.5	16.1	16.7	17.3	18.2	17.2	17.1	15.8	14.1	8.6	9.2	8.3
MEAN	5.1	4.8	4.2	3.4	2.7	2.2	3.2	5.2	7.3	9.0	10.3	11.5	12.6	13.2	13.5	13.6	13.7	13.5	13.0	11.9	10.3	8.2	7.1	6.3

MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	6.9	11.0	4.6	2.6	7.6	5.3	4.4	11.1	14.8	12.7	2.8	3.3	2.0	-1.6	15	4.8

MEAN DAILY TEMPERATURES BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	11.4	14.1	7.2	8.9	14.0	11.1	12.7	6.2	10.5	15.8	18.0	11.0	10.5	11.7	11.1

CLIMATOLOGICAL SUMMARY FOR MAY, 1983AT WINNIPEG, MANITOBA

The month was cool and dry. Only 29.1 mm of rain fell with half of that amount falling on the 27th. The mean temperature was 3 degrees below normal. The coldest night was the 15th with a low of -8.6 C. Sunshine was above normal with 299.1 hours. The wind was just slightly below averaging 19.8 Km/h.

DAILY WEATHER SUMMARY FOR MAY, 1983AT WINNIPEG, MANITOBA

1. Below normal temperature. Mostly sunny. Mostly light winds but NE gust to 33 Km/h in afternoon.
2. Above normal temperature. Mostly sunny. Rain shower 9:40 PM to 10:10 PM. Light winds.
3. Below normal temp. Partly cloudy. Moderate winds with WNW gust to 65 Km/h in late morning.
4. Cool. Mostly sunny. Rain 10:34 PM to 11:06 PM. Showers 11:36 PM to 11:50 PM. Light winds.
5. Slightly below normal temp. Mostly sunny. Rain 01:50 AM to 02:05 AM. Mostly light winds but NNE gust to 39 KM/h late evening.
6. Below normal temp. Sunny. Moderate winds with NNE gust to 48 KM/h in late morning.
7. Cool. Mostly sunny. Mostly light winds but NNE gust to 35 Km/h in morning.
8. Near normal temp. Mostly sunny. Moderate winds with SE gust to 54 Km/h late afternoon.
9. Mild. Partly cloudy. Showers 02:46 AM to 3:02 AM, 6:02 AM to 7:24 AM, 2:27 PM to 3:12 PM. Strong winds with SSE gust to 78 Km/h in afternoon. Blowing dust. Thunderstorm at Swan River.
10. Above normal temp. Mostly cloudy. Showers 6:41 AM to 9:38 AM. 1:04 PM to 6:11 PM. Moderate winds with SSE gust to 59 KM/h in early morning.
11. Cool. Partly cloudy. Rain 10:25 PM to 11:55 PM. Freezing rain 11:55 PM continued. Moderate winds with N gust to 44 Km/h in afternoon.
12. Still cool. Cloudy. Ice pellets 00:12 AM to 00:51 AM. Freezing rain to 3:17 AM. Freezing drizzle 5:10 AM to 8:23 AM. Rain 01:13 AM to 5:10 AM, 2:25 PM to 8:15 PM. Drizzle 8:23 AM to 8:35 AM. Moderate winds with ENE gust to 59 KM/h in afternoon. Light fog late afternoon and evening. Visibility restricted.
13. Very cool. Mostly cloudy. Snow 10:52 AM to 11:15 AM. Showers 11:40 AM to 4:15 PM. Snow grains 12:23 PM to 12:35 PM. Moderate winds with WNW gust to 59 Km/h in late afternoon.
14. Very cool. Partly cloudy. Mostly light winds but NNW gust to 46 Km/h in afternoon.
15. Still very cool. Mostly sunny. Mostly light winds but NNE gust to 41 Km/h in afternoon. Record low minimum temperature.
16. Still cool. Sunny. Mostly light winds but WSW gust to 31 Km/h in afternoon.
17. Above normal temperature. Partly cloudy. Thunder 2:26 PM to 3:25 PM. Showers 2:09 PM to 3:25 PM. Hail reported in city. Moderate winds with WSW gust to 48 Km/h in afternoon.
18. Above normal temperature. Partly cloudy. Thunder 12:13 PM to 12:32 PM. Showers 12:46 PM to 10:47 PM. Mostly light winds but S gust to 57 Km/h in afternoon.
19. Cool again. Partly cloudy. Rain 5:55 AM to 10:37 AM. Light fog in morning. Moderate winds with N gust to 48 Km/h in morning. Power outages at Sprague.
20. Below normal temp. Mostly sunny. Light winds but S gust to 37 Km/h in afternoon. Smoke over city in morning.
21. Above normal temperature. Partly cloudy. Showers 5:28 AM to 7:10 AM. 9:22 AM to 10:12 AM. Moderate winds with NNW gust to 48 Km/h in evening. Peregrine falcons sighted.
22. Slightly below normal temperature. Mostly sunny. Moderate winds with NNE gust to 41 Km/h in evening.
23. Slightly below normal temperature. Partly cloudy. Showers 2:25 AM to 2:52 AM, 5:57 AM to 6:02 AM. 8:08 PM to 11:02 PM. Mostly light winds but N gust to 56 Km/h in evening. Light fog in evening.
24. Cool. Mostly sunny. Ice pellets 01:47 AM to 2:32 AM. Rain showers 01:38 AM to 01:47, 02:06 AM to 02:34. Snow flurries 02:02 AM to 02:06 AM. Mostly light winds but NNE gust to 46 Km/h late morning.
25. Still cool. Mostly sunny. Light winds but E gust to 31 Km/h in evening.
26. Above normal temp. Partly cloudy. Moderate winds with S gust to 59 Km/h in afternoon.
27. Above normal temperatures. Mostly sunny. Thunder 9:56 PM to 11:01 PM. Showers 9:43 PM to 11:14 PM. Mostly light winds but NE gust to 37 Km/h in evening.
28. Below normal temperature. Partly cloudy. Thunder 2:15 AM to 2:22 AM. Showers 2:06 AM to 3:37 AM. 1:50 PM to 4:23 PM. Moderate winds with WNW gust to 65 Km/h in afternoon.
29. Below normal temperature. Partly cloudy. Moderate winds with N gust to 44 KM/h in afternoon.
30. Below normal temperature. Partly cloudy. Showers 01:20 AM to 01:24 AM. Rain 08:45 AM to 09:33 AM. Moderate winds with NNE gust to 48 Km/h in afternoon.
31. Below normal temperature. Mostly sunny. Mostly light winds NNE gust to 31 Km/h in afternoon.