

DAILY WEATHER SUMMARY FOR JANUARY , 1996 AT WINNIPEG, MANITOBA

1. Overcast with light snow, becoming cloudy late morning. Maximum temperature well above normal, minimum near normal. Winds light to moderate, decreasing to be light early evening.
2. Cloudy. Maximum temperature near normal, minimum below normal. Winds light.
3. Overcast with snow starting near noon, blowing snow starting late evening. Maximum temperature near normal, minimum slightly above normal. Winds light to moderate, decreasing to be light mid morning, increasing to be moderate late evening.
4. Sunny. Temperatures well below normal. Winds moderate, decreasing to light mid-morning.
5. Sunny. Temperatures well below normal. Winds light.
6. Sunny. Temperatures well below normal. Winds light.
7. Cloudy with visibility reduced in fog, then reduces to less than 1 km in blowing snow. Clearing in the evening. Maximum temperature near normal, minimum below normal. Winds increasing to be strong with occasional gale force gusts by late morning, decreasing to light in the late evening.
8. Cloudy becoming overcast with freezing drizzle near noon. Freezing drizzle changing to snow mid afternoon. Temperatures well above normal. Winds light, occasionally moderate in the evening.
9. Overcast with the snow ending overnight, and periods of freezing drizzle in the evening. Temperatures well above normal. Winds light, increasing to be moderate early evening.
10. Overcast with light snow ending mid morning. Temperatures well above normal. Winds moderate with gusts, decreasing to light early evening.
11. Cloudy. Temperatures well above normal. Winds light, increasing to be moderate near noon, decreasing to light early evening.
12. Variable cloudiness, a few periods of freezing drizzle in the evening. Temperatures well above normal. Winds light to moderate all day.
13. Variable cloudiness, becoming overcast in the early afternoon with snow beginning late afternoon, and blowing snow late evening. Maximum temperature well above normal, minimum above normal. Winds moderate overnight, decreasing to light early morning, increasing to be moderate to strong with gusts in the evening.
14. Blowing snow ending overnight, mix of sun and cloud through the day. Maximum temperature slightly below normal, minimum below normal. Winds decreasing to light near noon.
15. Overcast with snow beginning late morning. Maximum temperature slightly below normal, minimum below normal. Winds light, except for a period of moderate late afternoon to early evening.
16. Overcast. Snow ending early evening. Maximum temperature slightly below normal, minimum slightly above normal. Winds light, increasing to be light to moderate mid morning.
17. Overcast, with snow and blowing snow beginning early morning. Maximum temperature below normal, minimum slightly below normal. Winds increasing to be moderate with gusts and occasional strong gusts late afternoon and evening.
18. Snow ending overnight, sunny through the day. Temperatures well below normal. Winds decreasing to moderate overnight, and decreasing to light late afternoon.
19. Sunny. Temperatures well below normal. Winds light.
20. Mainly sunny. Temperatures well below normal. Winds light, except for a period of moderate in the mid afternoon.
21. Variable cloudiness. Temperatures below normal. Winds light, except for a period of moderate in the evening.
22. Sunny. Maximum temperature well below normal, minimum below normal. Winds light, except for a period of moderate late afternoon to early evening.
23. Mainly sunny. Temperatures well below normal. Winds light.
24. Sunny. Temperatures well below normal. Winds light.
25. Sunny. Temperatures well below normal. Winds light.
26. Sunny. Temperatures well below normal. Winds light.
27. Sunny. Temperatures well below normal. Winds light, occasionally moderate.
28. Cloudy, becoming overcast early afternoon, with snow and blowing snow beginning in the evening. Temperatures well below normal. Winds light, increasing to moderate late afternoon.
29. Snow ending overnight, sunny through the day. Temperatures well below normal. Winds moderate, decreasing to light near noon.
30. Sunny. Temperatures well below normal. Winds light.
31. Sunny. Temperatures well below normal. Winds light.

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	88	86	86	87	89	87	87	87	86	83	84	85	84	82	81	84	82	84	81	83	85	85	87	87	83
A 2	69	72	73	75	73	76	76	79	79	79	66	64	64	62	65	66	68	71	71	70	68	67	66	67	70
T 3	72	71	70	75	82	82	81	82	80	80	76	76	78	77	83	85	88	89	90	90	90	90	90	91	82
E 4	91	91	91	69	68	68	67	66	65	66	64	64	64	64	64	61	60	62	62	65	65	63	65	64	67
5	66	64	66	65	65	67	64	67	63	63	64	64	61	61	60	59	60	61	62	64	64	63	63	60	63
6	62	61	69	68	65	65	60	66	65	66	66	68	64	60	59	62	61	62	63	65	64	63	63	64	64
7	65	64	64	65	66	68	68	69	70	71	72	75	75	77	78	83	85	84	84	88	88	89	91	91	77
8	92	92	92	93	93	91	92	91	91	93	93	93	93	95	97	95	95	95	95	94	93	94	92	90	93
9	92	92	92	93	93	94	93	93	92	92	93	92	92	92	92	92	91	91	91	92	94	95	95	95	93
10	96	95	94	94	95	95	94	94	95	95	95	94	93	93	93	93	95	95	94	93	91	88	91	91	94
11	91	89	90	91	91	88	87	87	89	89	84	83	80	80	80	81	81	85	85	85	88	89	89	81	86
12	80	81	80	79	79	76	79	79	79	80	76	83	86	78	83	85	86	86	86	91	98	96	90	88	84
13	83	80	78	82	84	86	85	85	83	85	86	88	87	86	86	84	84	85	85	85	84	82	77	88	84
14	82	87	58	82	82	86	85	80	61	62	61	60	62	62	58	60	57	58	59	62	62	58	60	63	62
15	62	68	65	65	67	67	67	66	63	63	62	70	70	70	70	72	69	70	69	69	67	66	67	68	67
16	68	71	71	72	72	73	74	75	76	76	75	73	72	72	68	66	67	64	68	67	68	67	70	69	71
17	71	69	70	68	67	67	67	68	66	65	66	64	65	63	64	63	62	62	61	61	60	60	61	62	65
18	62	61	61	61	60	59	60	61	62	62	61	61	60	58	56	55	56	59	57	60	59	62	62	61	60
19	64	61	60	62	63	63	64	64	61	66	63	63	62	61	60	57	55	54	56	57	57	59	58	61	60
20	64	61	60	68	63	63	64	60	64	63	65	62	61	57	55	57	56	57	62	64	64	64	64	67	62
21	67	67	68	69	68	67	67	67	66	66	67	67	65	60	60	58	56	58	58	62	62	62	63	63	64
22	63	60	60	62	60	60	61	59	60	62	60	58	57	56	57	57	58	62	63	62	63	63	64	64	60
23	64	63	66	59	63	64	64	66	69	63	66	68	67	64	66	66	60	65	66	67	70	66	69	67	66
24	62	66	63	64	66	64	64	60	66	68	66	64	60	60	61	54	54	55	57	62	63	65	65	63	63
25	66	69	65	64	69	64	62	68	65	62	62	69	65	62	61	59	57	57	62	63	68	66	62	64	64
26	68	66	66	63	64	66	61	66	66	64	67	70	64	62	60	61	60	60	64	67	67	61	61	67	65
27	74	64	64	63	65	64	64	66	66	66	68	65	64	61	57	57	55	59	62	59	62	67	67	67	63
28	64	74	64	62	62	68	64	72	65	66	68	69	68	67	65	63	60	61	61	60	63	64	64	64	65
29	65	65	64	63	62	62	62	63	63	63	62	60	59	60	60	59	60	61	60	62	60	68	61	61	62
30	63	62	58	63	61	62	62	65	61	62	59	56	55	54	52	54	53	57	62	64	61	62	60	61	60
31	62	62	62	65	62	64	64	63	67	65	63	64	63	62	60	58	56	58	60	61	62	64	64	63	62
Mean	72	72	70	71	71	70	71	71	71	70	71	70	70	68	68	68	67	69	70	72	71	71	71	71	70
Hoyenne	72	72	70	71	71	70	71	71	71	70	71	70	70	68	68	68	67	69	70	72	71	71	71	71	70

Note/AVIS: 1. Climatological Day/Journee Climatologique 0001 C.S.T. - 0000 C.S.T.
2. Hours are C.S.T./Les heures sont a l'heure normale de la localite
3. Unit/Unite = Percent/pour cent

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	DIR.	Peak Wind Speed	Time
18	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	52	1
19	WNW	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W				
20	SW	WSW	SSW	SSW	SSW	SSE	S	S	S	S	S	S	S	S	S	S	S	S	SSE	S	S	S	S	SSW	35	4	
21	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW				
22	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W				
23	S	S	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S				
24	W	W	WNW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W				
25	SSW	SSW	SSE	SSW	SSW	S	WSW	S	S	SSW	C	W	W	W	W	W	W	W	W	W	W	W	W				
26	S	SSW	SSW	S	S	S	S	S	SSE	S	SSE	S	SSE	S	S	S	S	S	S	S	S	S	S				
27	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW				
28	WNW	C	SW	W	C	E	N	E	C	N	E	N	E	N	E	N	E	N	E	N	E	N	E	NNE	39	0	
29	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	85	2	
30	WNW	WNW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W				
31	S	SSW	S	SW	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW				

EQUAL TO OR OVER -----> 10 15 20 25 30 35 40 45 50 55 60 65 70
 NUMBER OF HOURS -----> 584 451 252 115 73 31 17 6 3 0 0 0
 NUMBER OF DAYS -----> 31 31 24 16 11 9 5 1 1 0 0 0
 MAX CONSECUTIVE HOURS -----> 102 69 35 27 18 11 8 3 3 0 0 0

Wind Speed
in km/hr

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	-73	-82	-84	-87	-90	-97	-106	-109	-123	-135	-154	-166	-166	-158	-164	-179	-182	-197	-212	-221	-255	-255	-239	-155	
A 2	-211	-208	-198	-214	-207	-195	-191	-187	-191	-189	-197	-202	-202	-203	-204	-206	-213	-211	-210	-214	-219	-224	-224	-219	-207
T 3	-209	-211	-212	-199	-179	-179	-174	-175	-173	-177	-173	-168	-164	-154	-154	-148	-148	-160	-152	-157	-177	-195	-211	-177	
E 4	-215	-221	-275	-285	-293	-300	-310	-320	-328	-330	-329	-325	-320	-314	-314	-310	-315	-330	-339	-342	-351	-354	-359	-314	
5	-352	-362	-358	-365	-362	-352	-357	-359	-369	-373	-367	-348	-343	-326	-315	-313	-312	-319	-327	-327	-348	-340	-350	-346	
6	-342	-350	-339	-345	-353	-356	-363	-357	-367	-368	-345	-319	-308	-297	-297	-297	-314	-326	-326	-327	-332	-334	-337	-342	
7	-341	-339	-333	-336	-333	-325	-307	-293	-283	-277	-259	-240	-234	-226	-210	-190	-177	-170	-143	-151	-146	-141	-145	-148	
8	-153	-159	-172	-158	-159	-162	-166	-156	-142	-131	-115	-103	-87	-65	-56	-70	-66	-68	-71	-75	-84	-84	-87	-93	
9	-91	-94	-93	-95	-94	-88	-91	-89	-91	-93	-90	-89	-87	-84	-80	-77	-77	-76	-75	-74	-72	-69	-67	-85	
10	-61	-66	-76	-75	-75	-75	-71	-68	-61	-60	-57	-55	-51	-48	-44	-38	-33	-35	-38	-44	-52	-58	-67	-82	
11	-85	-101	-109	-105	-108	-109	-100	-102	-108	-110	-94	-91	-82	-66	-52	-38	-32	-37	-35	-37	-37	-37	-45	-21	
12	-25	-25	-22	-16	-13	-17	-19	-19	-19	-23	-22	-17	-16	-9	-9	-9	-16	-29	-47	-24	-28	-32	-54	-69	
13	-96	-114	-129	-128	-126	-133	-136	-143	-151	-144	-147	-146	-140	-138	-142	-146	-147	-152	-160	-167	-176	-198	-203	-147	
14	-218	-217	-270	-264	-277	-289	-303	-308	-312	-311	-319	-322	-322	-316	-320	-314	-322	-331	-323	-315	-319	-323	-322	-315	
15	-326	-324	-336	-336	-339	-318	-308	-298	-290	-291	-278	-260	-248	-246	-243	-237	-237	-232	-228	-224	-226	-228	-225	-222	
16	-220	-217	-217	-213	-208	-204	-203	-203	-203	-207	-208	-209	-208	-209	-213	-218	-214	-221	-216	-220	-219	-231	-245	-254	
17	-248	-243	-241	-244	-244	-245	-246	-251	-263	-274	-284	-289	-289	-297	-298	-300	-300	-306	-310	-311	-315	-318	-318	-319	
18	-327	-336	-342	-344	-351	-361	-371	-380	-387	-400	-396	-392	-385	-376	-369	-366	-370	-380	-387	-393	-401	-400	-407	-414	
19	-415	-417	-420	-423	-427	-432	-435	-426	-429	-416	-410	-384	-376	-370	-359	-355	-354	-361	-367	-371	-390	-384	-383	-383	
20	-388	-395	-388	-392	-384	-405	-414	-422	-415	-409	-390	-376	-380	-362	-354	-344	-334	-332	-320	-308	-304	-305	-305	-311	
21	-303	-307	-316	-309	-313	-329	-337	-339	-340	-326	-308	-290	-281	-276	-274	-276	-277	-285	-288	-303	-303	-310	-319	-332	
22	-338	-347	-339	-341	-355	-348	-348	-348	-349	-348	-336	-329	-308	-300	-292	-286	-284	-285	-290	-298	-306	-296	-295	-311	
23	-328	-337	-333	-342	-353	-351	-359	-348	-353	-346	-323	-313	-306	-305	-299	-294	-298	-304	-321	-317	-350	-350	-356		
24	-357	-366	-383	-351	-347	-360	-364	-382	-375	-372	-357	-339	-327	-326	-314	-310	-318	-320	-325	-323	-348	-350	-324	-345	
25	-341	-353	-356	-351	-344	-378	-378	-375	-382	-394	-359	-334	-325	-326	-323	-313	-318	-320	-324	-326	-325	-324	-333	-351	
26	-346	-323	-310	-339	-355	-344	-355	-338	-346	-359	-330	-301	-304	-310	-298	-302	-298	-318	-341	-322	-348	-345	-337	-343	
27	-349	-373	-377	-376	-371	-362	-345	-331	-329	-328	-322	-316	-309	-311	-313	-320	-335	-346	-361	-367	-376	-378	-378	-347	
28	-378	-369	-381	-375	-389	-370	-385	-365	-376	-380	-361	-351	-334	-324	-313	-311	-308	-313	-314	-315	-311	-310	-309	-344	
29	-312	-312	-313	-315	-317	-320	-318	-316	-316	-321	-329	-322	-314	-310	-311	-319	-334	-348	-360	-369	-370	-376	-383	-331	
30	-387	-392	-398	-390	-385	-394	-401	-407	-409	-399	-397	-385	-378	-360	-370	-362	-359	-360	-354	-348	-362	-363	-364	-363	
31	-360	-363	-375	-357	-364	-373	-382	-396	-401	-401	-393	-380	-369	-365	-356	-361	-368	-379	-390	-404	-411	-423	-426	-429	
Mean	-265	-269	-275	-275	-276	-277	-280	-279	-281	-282	-274	-265	-259	-253	-248	-246	-247	-252	-256	-258	-264	-268	-272	-275	
Moyenne																									-267

*Temperatures In Tenths of Degrees Celsius
*Temperatures En Dixieme Degres Celsius

COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS À:		Winnipeg Int'l Airport				January 1996							
Temperature/Température Precipitation/Précipitation Rains/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station	- ° Celsius - Millimètres/millimètres (mm) - Millimètres/millimètres (mm) - Centimètres/centimètres (cm) - Kilomètres/h / kilomètres/h (km/h) - Kilopascals (kPa)	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS					RECORD DES RE	
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR		YEAR ANNÉE
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		2.8	12	2.2	30		7.8	23	1942				124
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-39.4	19	-34.6	9					-44.4	15	1877	124
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-22.8		-16.0		-18.3	-10.6		1944	-26.9		1875	124
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUVE		TR		0.2		0.3	3.8		1944	0.0		1979	124
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		27.2		28.8		22.6	85.3		1916	2.8		1973	124
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		22.6		19.6		19.3	85.3		1916	2.5		1973	124
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		10		13		12	20		1954	3		1973	124
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUVE MAXIMALE EN UNE JOURNÉE		TR	8	0.2	28		3.8	20	1944				124
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		11.8	8	7.9	17		31.8	2	1907				124
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		9.4	8	6.2	17		31.8	2	1907				124
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUVE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		TR	8	TR	27		0.0	0	0				1996
10 MINUTES		TR	8	TR	27		0.0	0	0				1996
15 MINUTES		TR	8	TR	27		0.0	0	0				1996
30 MINUTES		TR	8	TR	27		0.0	0	0				1996
60 MINUTES		TR	8	TR	27		0.0	0	0				1996
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		TR	8	TR	27		3.8	20	1944				124
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		17.0		15.1		18.0	22.9		1943	12.6		1979	75
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)		SSE 52	7	NW 43	2		N 97	13	1942				57
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		NNW 85	29	SSE 57	30		N106	26	1982				49
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		116.9		75.6		119.7	160.3		1959	63.5		1931	114
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		99.16		98.80		98.87	99.72		1966	98.06		1990	57
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.94	5	100.22	3		102.07	10	1949				57
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.25	12	96.92	30					94.81	14	1947	57
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES												YEARS DERNIÈRE ANNÉES	
YEAR ANNÉE	MAXIMUM TEMP MAXIMALE	MINIMUM TEMP MINIMALE	MEAN TEMP MOYENNE	RAINFALL HAUTEUR DE PLUVE	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 DEGREES-DAYS DE CHAUFFE	GROWING DEGREES-DAYS DE CROISSANCE	COOLING DEGREES-DAYS DE REFRIGERATION	Snowfall Sep 1
1987	-5.7	-35.4	-11.8	TR	11.0	10.4	15.2	SSE 63	99.2	923.4	0.0	0.0	369.4
1988	1.0	-33.0	-13.1	0.4	10.2	8.8	15.9	NNW 46	120.3	1123.7	0.0	0.0	375.2
1989	2.2	-35.7	-15.8	TR	58.3	52.2	17.2	NNE 54	107.8	1047.6	0.0	0.0	280.4
1990	5.1	-32.4	-11.6	0.8	26.0	24.4	16.2	NW 69	103.2	918.0	0.0	0.0	323.2
1991	2.4	-37.3	-18.9	0.4	16.6	15.2	15.1	SSW 48	139.3	1142.8	0.0	0.0	289.3
1992	4.4	-31.3	-11.5	0.2	15.0	14.0	20.1	S 59	90.7	913.1	0.0	0.0	435.8
1993	5.1	-35.3	-16.6	TR	18.4	14.0	16.6	S 50	127.8	1072.7	0.0	0.0	352.9
1994	-7.2	-35.3	-23.0	0.0	20.8	14.0	15.5	SSE 52	130.8	1274.8	0.0	0.0	560.0
1995	2.2	-34.6	-16.0	0.2	28.8	19.6	15.1	NW 43	75.6	1057.6	0.0	0.0	607.5
1996	2.8	-39.4	-22.8	TR	27.2	22.6	17.0	SSE 52	116.9	1266.4	0.0	0.0	314.3

Notes/Notes

1. Climatological Day/Jour de climatologique 0001 CST - 0000 CST
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