

Winnipeg International Airport

Aéroport International du Winnipeg

January
2003
janvier

Monthly
Meteorological
Summary

Sommaire
Météorologique
Mensuel

Commercial Weather Services /
Services météorologiques commerciaux

Suite 2220 - 11 Innovation Blvd.
Saskatoon, SK S7N 3H5
ph.: 306-975-6909 fax: 306-975-6929

email: climate@ecsask80.innovationplace.com

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MONTHLY METEOROLOGICAL SUMMARY

SOMMAIRE METEOROLOGIQUE MENSUEL

Environment Canada

Environnement Canada

WINNIPEG INTL A (YWG) MONTH/MOIS: January/janvier 2003

DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRES-JOURS			REL HUMIDITY HUMIDITE REL		PRECIPITATION PRECIPITATIONS			Snow On Ground
	MAX	MIN	MEAN	Heating	Growing	Cooling	MAX	MIN	Rainfall	Snowfall	Total	neige au sol cm
	C	C	C	base 18	base 5	base 18	%	%	mm	cm	mm	
1	-8.0	-12.1	-10.1	28.1	0.0	0.0	73	59	0.0	TR	TR	
2	-4.7	-8.8	-6.8	24.8	0.0	0.0	78	69	0.0	0.5	0.5	
3	-1.9	-5.9	-3.9	21.9	0.0	0.0	84	75	0.5	TR	0.5	
4	-2.3	-6.2	-4.3	22.3	0.0	0.0	86	77	TR	0.0	TR	
5	-5.8	-9.1	-7.5	25.5	0.0	0.0	89	78	TR	TR	TR	
6	1.8	-10.0	-4.1	22.1	0.0	0.0	94	69	0.0	TR	TR	
7	6.1	-1.2	2.5	15.5	0.0	0.0	73	63	0.0	0.0	0.0	
8	4.9	-5.1	-0.1	18.1	0.0	0.0	77	58	TR	TR	TR	
9	-5.1	-14.7	-9.9	27.9	0.0	0.0	74	51	0.0	0.5	0.5	
10	-14.5	-21.8	-18.2	36.2	0.0	0.0	64	52	0.0	0.0	0.0	
11	-18.1	-24.1	-21.1	39.1	0.0	0.0	59	52	0.0	0.0	0.0	
12	-17.3	-23.6	-20.5	38.5	0.0	0.0	61	51	0.0	0.0	0.0	
13	-17.1	-25.8	-21.5	39.5	0.0	0.0	61	47	0.0	0.0	0.0	
14	-17.4	-23.7	-20.6	38.6	0.0	0.0	60	48	0.0	0.0	0.0	
15	-9.6	-21.8	-15.7	33.7	0.0	0.0	62	46	0.0	0.0	0.0	
16	-12.8	-21.7	-17.3	35.3	0.0	0.0	58	40	0.0	0.0	0.0	
17	-6.1	-21.5	-13.8	31.8	0.0	0.0	78	45	0.0	3.0	3.0	
18	-14.8	-25.5	-20.2	38.2	0.0	0.0	72	59	0.0	TR	TR	
19	-11.4	-26.0	-18.7	36.7	0.0	0.0	70	59	0.0	0.5	0.5	
20	-20.2	-28.5	-24.4	42.4	0.0	0.0	61	52	0.0	0.0	0.0	
21	-19.8	-28.0	-23.9	41.9	0.0	0.0	63	55	0.0	TR	TR	
22	-24.6	-34.2	-29.4	47.4	0.0	0.0	61	51	0.0	0.0	0.0	
23	-22.1	-33.9	-28.0	46.0	0.0	0.0	58	46	0.0	0.5	0.5	
24	-16.2	-22.1	-19.2	37.2	0.0	0.0	59	48	0.0	1.0	1.0	
25	-19.7	-28.7	-24.2	42.2	0.0	0.0	55	48	0.0	0.5	0.5	
26	-18.7	-30.7	-24.7	42.7	0.0	0.0	61	46	0.0	0.5	0.5	
27	-7.7	-18.7	-13.2	31.2	0.0	0.0	75	61	0.0	4.0	4.0	
28	-16.0	-30.2	-23.1	41.1	0.0	0.0	71	48	0.0	0.0	0.0	
29	-6.0	-29.9	-18.0	36.0	0.0	0.0	75	50	0.0	0.5	0.5	
30	-6.1	-14.9	-10.5	28.5	0.0	0.0	84	65	0.0	TR	TR	
31	-5.0	-16.0	-10.5	28.5	0.0	0.0	75	64	0.0	TR	TR	
TOTAL				1038.9	0.0	0.0			0.5	11.5	12.0	totale
MEAN	-10.8	-20.1	-15.5				70	56				moyenne
NORMAL	-12.7	-22.8	-17.8	1109.3	0.0	0.0			0.2	23.1	19.7	normale

- NOTE/AVIS:
1. Climatological Day / Journee Climatologique: 00 01 CST - 00 00 CST
 2. 30 Yr Normals / Normales duree 30 ans.
 3. TR = Trace.
 4. No entry = Missing / Pas de valeur = Manquant.

DRY BULB TEMPERATURES / TEMPERATURES DU THERMOMETRE SEC

HOUR / HEURE

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	-120	-118	-116	-113	-115	-116	-119	-120	-118	-116	-115	-108	-101	-97	-91	-85	-86	-86	-84	-81	-82	-83	-82	-86
2	-85	-84	-82	-80	-75	-71	-72	-81	-86	-85	-75	-67	-62	-59	-56	-57	-61	-62	-54	-52	-51	-48	-82	-86
3	-48	-44	-39	-33	-32	-32	-33	-34	-33	-33	-29	-26	-24	-22	-19	-20	-26	-32	-30	-29	-29	-30	-44	-49
4	-48	-44	-36	-29	-26	-26	-26	-25	-26	-25	-24	-24	-28	-27	-28	-32	-34	-38	-42	-44	-45	-47	-51	-56
5	-61	-61	-59	-59	-62	-64	-65	-68	-71	-76	-81	-80	-77	-72	-73	-73	-77	-80	-81	-87	-88	-89	-88	-88
6	-88	-95	-95	-92	-90	-94	-94	-94	-96	-93	-86	-77	-70	-65	-54	-41	-35	-27	-21	-15	-4	2	5	11
7	19	32	31	27	25	34	16	17	8	-7	47	50	53	55	53	57	50	41	33	33	29	25	24	16
8	12	4	-15	0	9	0	16	18	23	25	36	44	44	45	40	34	33	29	30	30	27	21	5	-25
9	-51	-62	-78	-85	-88	-98	-100	-108	-129	-134	-121	-112	-100	-98	-98	-111	-114	-111	-105	-105	-111	-130	-141	-145
10	-147	-160	-167	-172	-182	-187	-192	-197	-203	-205	-207	-202	-198	-192	-192	-193	-195	-205	-210	-212	-215	-216	-213	-213
11	-215	-218	-222	-223	-229	-230	-239	-237	-235	-239	-223	-213	-203	-192	-187	-184	-186	-191	-193	-197	-200	-204	-205	-203
12	-209	-212	-213	-196	-188	-183	-177	-188	-199	-202	-197	-191	-188	-188	-190	-192	-198	-207	-212	-219	-216	-213	-216	-232
13	-236	-233	-246	-256	-252	-253	-256	-249	-230	-227	-216	-212	-202	-188	-181	-174	-173	-185	-194	-188	-202	-202	-218	-219
14	-217	-222	-229	-232	-223	-227	-226	-229	-230	-224	-204	-191	-188	-186	-184	-179	-174	-209	-216	-219	-224	-224	-211	-211
15	-209	-207	-203	-207	-198	-207	-204	-209	-215	-212	-174	-158	-134	-114	-107	-106	-100	-125	-149	-160	-173	-179	-184	-187
16	-196	-204	-203	-188	-197	-174	-198	-184	-205	-213	-174	-158	-151	-140	-131	-129	-134	-169	-197	-188	-200	-192	-190	-193
17	-183	-204	-200	-196	-197	-179	-173	-160	-147	-139	-116	-94	-71	-75	-72	-70	-61	-70	-69	-97	-109	-127	-130	-155
18	-168	-174	-202	-189	-215	-201	-221	-221	-252	-249	-220	-189	-177	-168	-162	-160	-167	-172	-174	-174	-174	-177	-164	-157
19	-150	-124	-121	-133	-150	-149	-165	-172	-184	-184	-188	-185	-181	-181	-175	-180	-191	-209	-236	-250	-226	-245	-226	-224
20	-245	-253	-254	-260	-265	-277	-269	-282	-274	-254	-224	-210	-205	-204	-205	-208	-228	-227	-213	-213	-216	-225	-234	-210
21	-214	-234	-244	-259	-264	-250	-243	-232	-240	-253	-233	-216	-212	-207	-205	-199	-205	-218	-236	-246	-275	-247	-253	-253
22	-277	-310	-318	-325	-328	-337	-328	-327	-322	-327	-295	-271	-259	-253	-249	-246	-251	-278	-285	-309	-318	-318	-327	-327
23	-331	-321	-324	-332	-323	-314	-309	-314	-296	-287	-279	-268	-258	-246	-233	-240	-241	-239	-236	-232	-227	-226	-225	-225
24	-221	-217	-214	-213	-209	-205	-203	-199	-196	-193	-190	-182	-177	-170	-165	-163	-179	-192	-202	-202	-201	-197	-200	-200
25				-198	-198	-202	-203	-244	-244	-229	-234	-233	-229	-224	-213	-213	-220	-227	-231	-237	-273	-282	-279	-279
26	-272	-278	-285	-282	-290	-296	-286	-296	-291	-282	-268	-244	-232	-222	-218	-215	-220	-222	-222	-222	-215	-208	-199	-191
27	-187	-180	-173	-158	-149	-143	-139	-136	-129	-122	-118	-108	-100	-90	-82	-83	-88	-94	-104	-107	-111	-121	-145	-145
28	-184	-198	-193	-221	-189	-162	-164	-163	-200	-222	-188	-184	-196	-197	-197	-196	-219	-243	-252	-270	-273	-271	-273	-273
29	-288	-266	-259	-257	-279	-250	-258	-253	-253	-239	-222	-208	-180	-168	-142	-135	-132	-130	-127	-118	-106	-100	-84	-69
30	-62	-67	-82	-92	-95	-109	-112	-129	-137	-146	-116	-103	-90	-76	-73	-78	-92	-100	-109	-108	-108	-109	-111	-114
31	-112	-113	-112	-111	-123	-139	-158	-147	-150	-138	-128	-106	-97	-88	-78	-71	-65	-66	-64	-65	-58	-54	-51	-51

NOTE/AVIS: 1. Unit = 0.1 C

1. Unite = 0.1 C

PRECIPITATION OCCURRENCES / EVENEMENT DES PRECIPITATIONS

HOUR / HEURE

Date	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2	S	S	S																					
3																								
4				ZL	S	S	S																	
5				ZL	ZL	ZL																		
6			SG			S	S																	
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24				S																				
25																								
26																								
27	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
28																								
29																								
30																								
31																								

Note/Avis:

- R = Rain/pluie : S = Snow/neige : W = Showers/averse de : T = Thunderstorm/orage : L = Drizzle/bruise : Z = Freezing/verglacante
- SP = Snow Pellets/neige roulée : SG = Snow Grains/neige en grains : A = Hall/grele : IP = Ice Pellets/gresil

