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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

AUGUST / AOUT

19 87

MONTH/MOIS

AT/A WINNIPEG INT'L AIRPORT / AÉROPORT INTERN. DE WINNIPEG

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) MÈTRES (NMM)		STANDARD TIME USED: HEURE NORMALE UTILISÉE: CENTRAL									
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	COOLING DE RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. TOTAL		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAX 2 MIN MEAN SPEED & DIRECTION VITESSE MOYENNE MAX. SUR 2 MIN & DIRECTION	
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	BASE 18.0°C	%	%	mm	cm	mm	cm	cm	km/h		km/h	HOURS HEURES
1	29.0	20.5	24.8		19.8	6.8	100	66	TR.		TR.			11.2	NW	NNW19*	6.9
2	31.3	16.6	24.0		19.0	6.0	100	37						11.0	W	WNW28	12.1
3	21.5	13.3	17.4	0.6	12.4		86	66	4.2		4.2			21.0	W	NW 35*	6.5
4	21.9	5.8	13.9	4.1	8.9		100	44						6.8	CALM	SSW17*	13.7
5	28.5	13.2	20.9		15.9	2.9	93	50	1	1.4	1.4			25.1	S	S 46	4.9
6	24.2	15.4	19.8		14.8	1.8	98	47		0.6	0.6			18.2	W	WNW31	7.1
7	28.7	10.8	19.8		14.8	1.8	100	35	TR.		TR.			7.5	S	W 13*	11.9
8	30.8	15.4	23.1		18.1	5.1	94	36	TR.		TR.			17.2	SW	NW 30	8.8
9	24.5	11.4	18.0		13.0		99	50						13.6	N	NNW22*	12.5
10	29.0	9.8	19.4		14.4	1.4	100	42	1	20.6	20.6			19.0	SSE	SSE37	7.0
11	25.0	15.2	20.1		15.1	2.1	91	62	1	4.4	4.4			17.2	W	S 37	5.6
12	19.8	10.9	15.4	2.6	10.4		96	42		TR.	TR.			12.6	W	NNW20*	9.5
13	22.5	8.4	15.5	2.5	10.5		84	42						13.5	S	S 20*	9.1
14	20.6	12.1	16.4	1.6	11.4		100	65	1	57.3	57.3			14.5	SE	N 35	1.5
15	21.6	16.1	18.9		13.9	0.9	98	82		1.7	1.7			8.0	W	S 15*	3.5
16	18.8	12.4	15.6	2.4	10.6		100	73		0.2	0.2			14.3	NW	NW 30	1.6
17	22.3	9.6	16.0	2.0	11.0		98	41						8.8	WNW	WSW22	10.5
18	21.0	10.9	16.0	2.0	11.0		95	48						16.2	WNW	NW 33	10.0
19	23.6	9.2	16.4	1.6	11.4		88	36						10.5	W	SW 20	12.2
20	24.7	10.4	17.6	0.4	12.6		93	39	1	1.2	1.2			11.4	W	SSE24	13.3
21	20.8	10.0	15.4	2.6	10.4		86	54		TR.	TR.			24.3	NW	WNW37*	6.2
22	18.0	7.0	12.5	5.5	7.5		95	42		0.8	0.8			19.2	NW	NW 31*	11.7
23	20.1	6.2	13.2	4.8	8.2		92	37						10.6	W	NW 19*	13.6
24	24.0	8.6	16.3	1.7	11.3		80	34						13.8	SW	NW 20	9.8
25	21.2	9.4	15.3	2.7	10.3		95	52						5.3	NE	SW 15	2.8
26	22.8	9.4	16.1	1.9	11.1		99	45						2.9	CALM	SSW09	11.7
27	24.7	8.7	16.7	1.3	11.7		98	45						4.6	CALM	SSW15	11.4
28	27.0	10.3	18.7		13.7	0.7	91	35						14.0	S	SW 26	7.7
29	23.3	13.3	18.3		13.3	0.3	94	56		4.7	4.7			17.5	S	W 24	2.1
30	16.9	6.3	11.6	6.4	6.6		96	48						24.8	NW	NW 39	12.2
31	21.2	2.8	12.0	6.0	7.0		91	36						10.1	W	WNW15	5.6
MEAN MOYENNE	23.5	10.9	17.2	TOTAL 52.7	TOTAL 380.1	TOTAL 29.8	95	48	TOT 5	TOTAL 97.1	TOTAL 97.1			13.7	PREVAILING DIRECTION DOMINANTE W	MAXIMALE S 46	TOTAL 263.0
NORMAL NORMALE	24.7	11.8	18.3	43.3	411.7	52.0			6	75.2	75.2			16.4	S		283.3

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS

DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS TOTALES						DAYS WITH SNOWFALL JOURS AVEC CHÛTE DE NEIGE				
02 OR MORE	10 OR MORE	20 OR MORE	100 OR MORE	500 OR MORE	TOTAL	02 OR MORE	10 OR MORE	20 OR MORE	100 OR MORE	500 OR MORE
11	8	5	2	1	0	0	0	0	0	0

UDC 551.506.1 ()

Note/Avis

1. Climatological Day/Journée climatologique 00 01 C S.T. - 00 00 C S.T.
2. Normal/Normale 1951-1980
3. TR = Trace
4. M = Missing/Manquant
5. No entry/Pas de valeur = No occurrence/Pas d'événement
6. * Indicates first of more than one prevailing direction and/or maximum 2 minute mean speed (see page 4)/Indique la première de plusieurs des directions dominantes et/ou la vitesse moyenne maximale sur 2 minutes (voir page 4).
7. C = Calm/Calme
8. Price: single issue \$2.65, annual (Jan to Dec.) \$26.25 / Prix: numéro individuel \$2.65; annuel \$26.25 (Janv. à déc.)



DRY-BULB TEMPERATURES AT: WINNIPEG INTERNATIONAL AIRPORT
 TEMPERATURES DU THERMOMETRE SEC A: AEROPORT INTERN. DE WINNIPEG

MONTH: AUGUST
 MOIS: AOÛT

1987
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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	221	220	220	218	215	214	216	218	226	227	230	235	250	269	276	272	287	281	276	253	241	235	238	
2	232	214	206	190	185	171	184	196	202	216	245	270	282	294	297	305	308	288	276	252	226	212	200	188
3	193	180	173	166	143	139	141	158	173	189	201	195	193	196	182	172	170	166	166	152	143	142	141	136
4	133	123	103	80	72	59	66	101	130	146	150	158	170	181	189	201	213	210	194	189	173	161	143	147
5	136	140	140	141	132	137	138	158	178	205	220	230	243	260	270	271	261	268	262	250	213	188	209	205
6	190	173	164	159	167	158	170	167	175	170	181	191	214	225	238	235	239	239	229	208	177	160	179	164
7	157	151	143	121	123	110	117	159	180	211	234	250	258	267	275	276	281	258	252	222	223	206	190	179
8	166	174	166	192	174	170	166	181	208	222	244	278	301	286	285	295	280	270	246	228	211	192	173	162
9	154	147	136	140	144	134	138	162	191	205	220	226	233	229	214	230	229	227	217	204	185	174	162	149
10	114	108	100	117	125	125	126	144	173	198	213	233	248	264	265	285	272	267	225	182	190	198	221	221
11	202	228	240	234	228	223	212	218	216	210	210	208	218	206	230	234	240	240	240	223	202	187	181	155
12	153	147	141	131	129	122	117	118	124	134	142	148	165	162	171	168	193	190	185	170	148	131	123	116
13	109	108	107	105	92	93	101	113	142	177	196	202	215	207	198	204	215	222	212	195	170	157	145	146
14	139	133	125	131	135	137	145	158	185	198	200	190	171	166	175	181	175	178	177	161	161	160	162	167
15	166	167	164	162	164	163	161	167	181	183	184	185	186	191	184	205	203	207	212	208	194	184	171	166
16	161	151	142	139	126	129	135	147	154	166	176	174	183	179	178	184	176	175	172	163	152	142	136	138
17	134	126	120	112	105	98	103	129	145	162	178	183	188	206	216	218	203	211	204	201	180	152	140	131
18	130	136	130	114	119	116	116	126	144	156	176	184	182	191	195	198	196	192	190	168	125	125	127	109
19	119	111	116	113	109	94	93	114	134	160	184	204	218	216	222	228	228	224	214	193	180	148	143	131
20	130	129	110	112	106	108	107	120	144	160	187	198	210	220	231	234	240	241	235	220	204	199	196	185
21	186	194	190	195	198	201	199	196	195	200	182	174	168	163	175	174	172	182	169	153	121	124	136	124
22	100	104	92	99	90	85	78	97	129	136	123	124	112	147	173	164	158	165	148	130	86	82	74	70
23	79	93	72	65	64	82	69	86	120	144	147	160	169	181	187	188	190	187	183	172	126	111	118	112
24	98	86	97	92	99	96	91	106	143	175	191	211	220	231	229	220	220	211	200	182	167	155	148	134
25	135	136	104	118	96	108	102	114	140	159	166	175	183	191	193	199	203	187	181	173	165	161	154	148
26	136	115	110	102	100	97	94	118	137	173	177	186	191	201	213	210	218	215	203	192	152	149	139	120
27	120	122	109	104	103	101	87	103	144	179	203	209	225	231	237	226	228	224	222	203	178	169	153	154
28	137	121	113	117	113	108	109	122	153	168	189	213	244	238	252	250	260	253	242	213	209	204	195	187
29	180	170	158	159	158	144	148	150	171	196	214	220	211	193	177	185	182	155	144	141	140	133	133	138
30	141	127	125	123	105	96	104	118	128	135	142	147	145	149	153	163	163	154	145	127	104	86	64	64
31	63	61	54	61	50	43	34	47	89	103	134	151	173	190	200	203	195	192	190	174	184	178	164	138

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 = 0.1°C

**HOURLY DEW POINT TEMPERATURE AT: WINNIPEG INTERNATIONAL AIRPORT
TEMPERATURE DE ROSEE HORAIRE A: AEROPORT INTERN. DE WINNIPEG**

**MONTH: AUGUST
MOIS: AOÛT**

**1987
1987**

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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	221	220	220	220	218	214	212	212	213	212	210	211	211	214	222	226	221	215	219	221	215	216	212	213
2	209	186	192	186	182	170	178	185	182	184	175	158	147	160	159	163	146	146	136	147	146	142	138	130
3	122	118	114	108	112	113	117	123	136	141	147	164	152	134	125	120	125	121	117	117	116	110	103	102
4	108	87	81	80	72	59	66	90	87	77	76	74	90	102	84	85	85	100	103	108	111	113	115	115
5	117	111	110	112	113	116	117	124	127	134	142	152	156	164	166	172	166	159	160	163	173	177	184	149
6	138	130	126	138	152	156	150	149	150	163	167	153	151	143	159	143	132	121	119	140	141	139	135	137
7	133	125	131	119	121	109	117	145	152	146	157	153	137	118	123	115	112	132	133	139	138	141	135	141
8	130	128	128	115	120	123	130	139	146	156	172	162	140	120	144	163	151	153	171	165	162	152	142	141
9	144	142	134	136	141	133	137	133	133	139	147	134	129	121	138	126	128	147	119	130	130	128	128	128
10	110	107	100	112	109	105	109	112	126	138	142	140	147	134	137	144	139	145	163	175	160	169	169	175
11	174	179	177	179	181	181	185	185	187	191	190	193	196	191	197	185	190	187	164	149	151	142	132	125
12	119	119	121	119	119	113	99	102	108	85	85	92	98	86	81	92	84	72	57	69	79	82	79	73
13	70	68	71	70	65	67	68	74	85	103	90	68	90	74	83	98	92	103	109	113	101	92	91	87
14	91	96	97	103	110	115	125	128	139	134	133	149	166	161	163	168	170	173	173	161	161	160	161	166
15	163	163	161	158	160	160	158	159	161	167	167	163	163	159	173	184	178	178	176	179	171	161	157	156
16	150	139	134	133	124	129	135	145	151	156	151	151	153	155	141	138	135	126	127	129	121	119	122	117
17	124	113	112	106	101	96	98	116	125	128	129	120	102	97	108	99	92	69	108	84	108	113	113	116
18	107	106	103	101	105	107	108	113	124	130	134	127	116	113	88	90	83	89	97	85	84	76	70	68
19	73	80	87	86	75	75	76	85	88	95	103	98	85	68	74	74	72	73	68	79	81	92	92	97
20	96	103	100	99	93	93	94	102	115	119	113	106	100	87	97	95	91	89	108	116	116	120	135	150
21	153	149	134	149	157	162	162	145	123	130	131	126	128	123	102	100	98	86	98	92	91	98	94	77
22	76	86	81	82	74	71	68	81	95	75	88	86	90	74	64	70	61	34	44	59	49	48	48	49
23	54	51	47	45	47	61	59	67	89	89	51	51	53	59	47	39	45	44	51	61	65	60	61	47
24	41	42	42	42	38	37	34	35	42	61	74	71	71	61	66	54	67	90	103	109	122	122	104	97
25	86	85	89	92	86	90	91	93	96	97	103	95	104	100	95	99	107	108	108	108	104	101	100	101
26	103	95	94	92	92	93	85	104	113	101	87	92	83	105	116	96	95	95	114	119	108	102	104	98
27	98	98	95	92	96	96	82	97	122	123	127	116	113	106	109	104	109	116	111	116	105	116	111	109
28	106	100	97	98	96	92	94	101	117	125	129	136	133	108	110	86	91	105	90	92	94	96	98	102
29	103	106	107	107	103	103	107	110	119	134	123	129	137	154	147	139	115	130	128	110	119	123	125	130
30	124	117	108	90	75	68	75	87	81	68	68	61	68	74	64	68	55	58	58	56	58	55	46	44
31	41	39	31	30	30	29	22	27	49	59	54	47	51	35	44	48	63	75	73	92	66	69	76	82

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 3. Unit/Unite = 0.1°C

CLIMATOLOGICAL SUMMARY FOR AUGUST 1987

AT WINNIPEG, MANITOBA

The mean temperature in August was depressed mostly by cooler than normal maxima. 23.5°C was recorded for a monthly mean, compared to the normal 24.7°C. The extremes for the month were 31.3°C on the 2nd and 2.8°C on the 31st. Precipitation was 29% above normal at 97.1 mm.

On the evening of August 5th, there was a thunderstorm which gave 25-35 mm of hail to the south part of the city. Otherwise, the occurrence of thunderstorms was normal.

Winds were somewhat lighter than normal and sunshine was 83% of the usual value at 235.4 hours.

DAILY WEATHER SUMMARY FOR AUGUST 1987

AT WINNIPEG, MANITOBA

1. Cloudy, clearing in the afternoon. Temperatures above normal. Winds light.
2. Sunny and hot. Winds light.
3. Sunny becoming cloudy in the afternoon. Temperatures below normal. Winds moderate.
4. Sunny. Temperatures below normal. Winds light.
5. Cloudy with thundershowers. Hail of 25 to 35 mm in size was reported in the south side of the city. Temperatures above normal. Winds moderate to strong.
6. Cloudy with a brief shower, clearing in the afternoon. Temperatures near normal. Winds moderate with a few strong gusts becoming light by evening.
7. Mainly sunny with a few cloudy periods in the late afternoon. Temperatures above normal. Winds light.
8. Mainly cloudy. Temperatures above normal. Winds light to moderate with gusts.
9. Sunny. Temperatures slightly below normal. Winds light.
10. Sunny becoming cloudy by noon with a thundershower. Temperatures above normal. Winds light becoming moderate with strong gusts.
11. Mainly cloudy with thundershowers in the morning. Temperatures near normal. Winds light.
12. Cloudy, clearing in the evening. Temperatures below normal. Winds light.
13. Mainly cloudy with a few sunny periods. Temperatures below normal. Winds light.
14. Cloudy with rainshowers. Temperatures below normal. Winds light.
15. Cloudy. Temperatures below normal. Winds light.
16. Cloudy. Temperatures below normal. Winds light becoming moderate with gusts.
17. Sunny. Temperatures below normal. Winds light.
18. Sunny with a few cloudy periods. Temperatures below normal. Winds light becoming moderate with gusts.
19. Sunny. Temperatures below normal. Winds light.
20. Sunny. Temperatures near normal. Winds light.
21. Mainly cloudy with some sunny periods. Temperatures below normal. Winds moderate with strong gusts becoming light in the evening.
22. Sunny. Temperatures below normal. Winds light becoming moderate with strong gusts.
23. Sunny. Temperatures below normal. Winds light.
24. Sunny with a few cloudy periods in the afternoon. Temperatures normal. Winds light.
25. Cloudy. Temperatures below normal. Winds light.
26. Sunny. Temperatures below normal. Winds light.
27. Sunny. Temperatures below normal. Winds light.
28. Sunny. Temperatures above normal. Winds light.
29. Cloudy with light rainshowers in the evening. Temperatures above normal. Winds light.
30. Mainly sunny. Temperatures below normal. Winds moderate with strong gusts becoming light in the evening.
31. Sunny becoming cloudy in the afternoon. Temperatures below normal. Winds light.