

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS: JUNE / JUIN 19 91
 AT/A: WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

LAT. 49° 54' N		LONG. 97° 14' W		ELEVATION ALTITUDE: 239.6		METRES (ASL) METRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL							
DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRÉS-JOURS			REL. HUMIDITY HUMIDITÉ REL.		PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE	
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	COOLING DE RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)		TOTAL PRECIP. PRÉCIP. TOTALE	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	km/h		km/h	
1	20.8	12.5	16.7	1.3	11.7		98	70		10.0		10.0	0	15.1	N	E 24*	2.6
2	22.0	13.5	17.8	0.2	12.8		96	65					0	13.2	ENE	N 20*	4.8
3	27.0	16.2	21.6		16.6	3.6	83	38					0	21.4	E	E 28*	12.6
4	24.5	15.9	20.2		15.2	2.2	61	38					0	27.2	SE	SE 37	12.3
5	26.2	12.6	19.4		14.4	1.4	75	37					0	16.7	SE	SSE33	13.1
6	23.6	11.7	17.7	0.3	12.7		91	59		3.8		3.8	0	11.4	S	S 22	0.9
7	28.0	17.4	22.7		17.7	4.7	96	48	1	14.8		14.8	0	21.0	SSE	SSE30*	10.6
8	26.9	17.5	22.2		17.2	4.2	91	53	1	1.8		1.8	0	25.8	S	S 33*	7.8
9	23.2	13.3	18.3		13.3	0.3	96	50		TR.		TR.	0	13.8	W	WNW24	6.1
10	25.7	12.1	18.9		13.9	0.9	84	31	1	0.6		0.6	0	20.3	W	W 39	10.9
11	23.2	12.7	18.0		13.0		96	46					0	15.1	ENE	E 28	13.6
12	30.2	15.2	22.7		17.7	4.7	71	47		TR.		TR.	0	25.5	ESE	SSE48	11.8
13	22.0	12.7	17.4	0.6	12.4		96	77	1	15.8		15.8	0	15.2	NNE	NE 37	3.1
14	26.2	12.9	19.6		14.6	1.6	99	48					0	10.7	NE	NNE20	13.3
15	23.2	15.5	19.4		14.4	1.4	95	41		11.0		11.0	0	21.5	W	W 39	11.5
16	27.2	13.3	20.3		15.3	2.3	74	30		TR.		TR.	0	25.8	SW	SW 33	14.6
17	26.3	16.4	21.4		16.4	3.4	81	45					0	11.9	S	S 28	13.8
18	22.7	11.9	17.3	0.7	12.3		68	43					0	23.1	WSW	W 33*	14.2
19	24.7	9.9	17.3	0.7	12.3		84	43					0	10.3	W	WNW19	13.7
20	20.8	12.0	16.4	1.6	11.4		78	56					0	22.8	NNE	NNE30*	7.7
21	23.2	6.9	15.1	2.9	10.1		87	33					0	15.0	NNE	E 28	15.3
22	24.2	8.7	16.5	1.5	11.5		81	34					0	11.8	S	SSE24	15.3
23	23.9	13.8	18.9		13.9	0.9	83	51		TR.		TR.	0	23.9	S	S 37*	7.0
24	28.1	15.3	21.7		16.7	3.7	94	57	1	TR.		TR.	0	21.5	S	S 31	8.0
25	25.2	17.5	21.4		16.4	3.4	98	69	1	63.6		63.6	0	24.5	SSE	SSE56	3.9
26	26.2	18.6	22.4		17.4	4.4	98	53	1	0.4		0.4	0	23.0	WSW	WSW39	13.7
27	20.2	12.3	16.3	1.7	11.3		89	65					0	21.5	WNW	WSW33*	8.6
28	19.3	8.7	14.0	4.0	9.0		98	74					0	12.3	E	E 24	1.4
29	23.9	16.5	20.2		15.2	2.2	94	65					0	8.0	E	SE 22	4.7
30	18.7	15.2	17.0	1.0	12.0		98	85		9.4		9.4	0	23.5	E	E 37	0.0
MEAN MOYENNE	24.2	13.6	18.9	TOTAL 16.5	TOTAL 418.8	TOTAL 45.3	88	52	TOT 7	TOTAL 131.2	TOTAL 0.0	TOTAL 131.2		18.4	PREVAILING DIRECTION DOMINANTE	MAXIMALE SSE56	TOTAL 276.9
NORMAL NORMALE	23.1	10.5	16.8	69.9	354.3	34.2			6	80.1	Tr.	80.1		18.1	S		276.1

DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS

DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS TOTALES

DAYS WITH SNOWFALL JOURS AVEC CHUTE DE NEIGE

mm cm

02 OR MORE - OU PLUS 10 OR MORE - OU PLUS 20 OR MORE - OU PLUS 100 OR MORE - OU PLUS 500 OR MORE - OU PLUS 02 OR MORE - OU PLUS 10 OR MORE - OU PLUS 20 OR MORE - OU PLUS 100 OR MORE - OU PLUS 500 OR MORE - OU PLUS

TOTAL FOR MONTH TOTAL DU MOIS 16.5 54.7 69.9 TOTAL FOR MONTH TOTAL DU MOIS 418.8 377.7 354.3

ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET 5435.5 5780.8 5923.1 ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL 832.4 633.0 608.1

10 8 7 5 1 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/Maquant

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

\$3.00

annual (Jan to Dec) \$29.50

Prix numéro individuel

\$3.00

annual \$29.50

Prix numéro individuel



DRT-BUIB TEMPERATURES AT: MINNIEPC INTERNATIONAL AIRPORT
TEMPERATURES DU THERMOMETRE SEC A: AEROPORT INTERN. DE WINNIPEG

Date	MONTH: JUNE 1991																							
	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	166	158	164	159	153	151	154	159	170	176	182	196	201	202	203	195	180	171	172	166	155	158	153	145
2	135	149	149	146	144	144	146	153	160	164	172	192	197	204	213	212	210	214	215	212	204	196	185	178
3	174	170	173	172	166	164	167	177	196	209	223	236	240	253	255	258	269	262	260	253	242	230	217	210
4	196	188	181	175	169	164	160	164	175	190	199	210	219	231	236	237	242	239	233	230	215	199	188	183
5	172	152	146	141	134	126	142	156	170	187	212	229	239	246	252	249	255	256	256	226	219	209	196	186
6	166	161	161	159	160	164	166	177	162	174	195	208	209	225	229	231	229	230	216	197	186	184	186	189
7	185	177	178	176	177	177	178	189	205	217	224	244	259	269	272	270	268	269	271	266	257	246	234	226
8	218	205	200	193	185	179	182	191	211	220	231	247	253	264	262	226	239	247	202	189	179	176	180	
9	178	168	159	151	148	147	160	185	207	218	224	229	222	216	218	210	205	208	210	195	189	165	153	144
10	138	134	140	135	126	122	132	148	168	191	210	224	234	239	244	250	245	207	209	182	175	157	155	156
11	153	145	141	137	130	132	135	157	177	193	197	208	218	222	227	221	229	229	228	213	202	204	197	183
12	172	162	156	153	155	155	158	163	164	178	209	236	244	259	281	286	297	286	281	269	245	215	198	184
13	173	157	160	152	134	146	178	176	166	157	160	184	214	193	177	187	192	191	190	184	181	172	166	163
14	171	169	164	153	138	144	142	171	197	212	222	232	242	246	253	253	260	256	258	250	225	221	205	204
15	201	188	204	185	186	186	190	168	159	171	188	196	199	211	217	225	227	226	224	220	207	183	170	169
16	160	153	147	143	135	141	142	164	182	208	227	241	251	260	265	268	270	270	266	260	246	237	223	216
17	206	199	207	192	184	173	183	191	204	228	245	248	248	245	255	258	262	257	251	245	235	215	201	182
18	168	181	161	149	134	125	133	151	166	182	194	207	212	212	213	218	218	211	216	206	184	182	166	153
19	151	139	126	118	107	107	127	151	176	194	204	218	224	230	239	240	242	239	236	224	221	215	206	200
20	195	175	161	155	154	153	156	170	166	178	189	189	196	203	208	195	183	185	182	180	176	159	147	141
21	120	110	98	85	74	74	107	152	166	181	200	213	215	223	228	228	228	227	226	208	195	176	156	135
22	117	121	106	94	93	102	122	164	181	202	213	222	225	233	235	240	240	236	235	229	218	205	189	183
23	173	163	153	152	147	139	141	148	163	181	198	201	211	215	222	226	217	200	185	182	187	189	178	175
24	174	173	165	159	155	154	160	171	189	200	209	226	236	255	256	259	274	274	275	259	224	215	205	206
25	208	209	199	196	193	192	190	191	181	186	184	192	211	221	231	243	248	241	245	220	186	193	199	197
26	192	189	189	195	192	187	193	203	213	220	231	237	242	247	251	262	260	258	258	252	235	211	205	204
27	198	198	196	183	174	157	174	186	188	179	171	182	177	191	193	194	187	175	174	180	172	149	135	135
28	123	118	116	108	98	96	128	149	160	163	166	160	164	177	180	186	184	189	191	189	187	182	180	178
29	175	169	166	166	166	166	166	170	167	183	200	211	211	210	219	223	232	238	235	231	223	211	199	194
30	187	179	171	166	164	164	162	164	159	161	166	171	170	173	173	172	166	164	164	163	158	157	156	153

Note/avis: 1. Climatological Day/Journée climatologique 0001 C.S.T. - 0000 C.S.T.
 2. Hours are C.S.T./Les heures sont a l'heure normale de la localité
 3. Unit/Unité = 0.1°C

HOURLY DEW POINT TEMPERATURE AT:
 AEROPORT INTERNATIONAL AIRPORT
 WINNIPEG
 AEROPORT INTERN. DE WINNIPEG

MONTH: JUNE
 MOIS: JUIN
 1991

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	161	155	155	153	150	147	148	153	158	161	160	156	153	151	150	150	151	145	147	145	144	143	139	134
2	129	136	134	137	137	134	132	134	132	129	132	148	147	148	146	150	147	149	145	148	148	145	141	136
3	135	132	131	133	134	135	137	143	150	149	158	164	158	159	152	145	150	130	115	101	101	97	91	74
4	70	77	90	101	86	70	65	77	64	59	68	69	81	81	89	91	98	94	92	89	91	91	91	89
5	89	91	93	89	82	80	81	88	93	103	119	122	119	102	110	114	113	107	99	97	109	106	102	106
6	106	112	118	118	122	124	120	120	141	145	151	158	154	150	147	159	157	158	163	165	170	171	170	172
7	171	169	168	164	162	158	150	153	158	163	165	173	165	161	152	164	160	153	156	153	150	145	146	139
8	134	131	126	125	125	126	129	134	142	147	147	155	159	166	159	184	167	159	150	174	165	160	166	166
9	163	153	145	138	138	137	147	161	152	137	133	129	133	143	137	129	131	136	101	101	99	99	98	101
10	96	97	94	100	88	82	83	93	107	111	109	77	54	60	71	69	67	96	110	123	116	127	127	127
11	128	128	127	126	123	123	125	130	130	122	122	97	106	99	104	115	123	114	118	115	120	102	85	84
12	86	89	90	91	96	95	98	100	106	115	135	156	166	181	184	186	176	189	158	147	139	135	131	124
13	123	114	129	127	111	134	163	169	156	133	133	155	178	164	155	156	160	158	162	161	162	159	159	158
14	165	161	156	149	136	142	138	163	169	174	174	169	157	155	154	134	153	152	154	156	157	149	144	146
15	146	154	142	157	168	174	180	158	152	150	154	148	138	114	101	97	88	96	89	88	93	100	105	105
16	104	100	99	88	83	74	81	84	94	111	96	85	85	75	89	89	93	99	109	131	131	140	140	137
17	133	135	125	137	132	133	143	156	156	155	133	135	139	140	141	138	148	130	121	130	128	122	99	95
18	93	81	80	73	71	70	69	81	87	85	88	85	82	89	92	99	100	90	91	79	85	86	79	79
19	85	83	86	84	80	79	89	98	105	107	102	109	104	110	109	108	128	115	113	112	106	109	105	105
20	106	101	88	84	81	82	85	80	104	98	104	109	113	118	122	121	112	108	102	101	96	95	93	86
21	82	70	65	59	54	53	69	70	79	89	94	78	83	76	75	69	59	64	81	81	76	82	88	83
22	80	83	77	69	63	66	82	72	82	106	90	75	63	70	75	86	86	75	84	73	75	75	84	78
23	77	76	76	79	80	78	72	76	85	104	112	108	121	119	123	118	122	142	149	149	146	147	144	143
24	145	147	146	145	144	143	147	152	160	166	172	181	184	182	178	185	189	181	192	189	186	180	171	170
25	170	172	170	168	167	168	166	173	175	174	176	177	185	182	186	194	189	191	195	204	172	187	189	189
26	188	182	182	184	186	182	182	183	179	181	176	169	165	171	162	167	163	158	159	166	154	161	159	164
27	159	149	140	140	137	136	141	141	143	137	125	137	134	131	126	134	126	129	132	128	126	126	118	117
28	108	110	112	104	92	90	119	128	128	124	126	123	123	133	134	140	139	142	145	142	145	145	149	146
29	142	142	145	143	143	145	148	149	154	164	161	165	162	163	165	167	173	170	170	172	172	171	168	163
30	160	156	153	148	145	145	143	145	150	154	158	158	157	153	151	153	152	152	154	155	152	152	149	145

Note/avis:
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 3. Unit/Unite = 0.1°C

DAILY WEATHER SUMMARY FOR JUNE, 1991AT WINNIPEG, MANITOBA

1. Cloudy to overcast, rainshowers overnight. Maximum temperature near normal, minimum above normal, winds light.
2. Cloudy, clearing late evening. Maximum temperature near normal, minimum above normal. Winds light.
3. Variable cloudiness. Maximum temperature above normal, minimum well above normal. Winds light increasing to moderate midmorning.
4. Sunny. Maximum temperature slightly above normal, minimum above normal. Winds moderate occasionally gusting strong, decreasing to light mid evening.
5. Sunny. Temperatures above normal. Winds light, with a period of moderate mid afternoon.
6. Overcast with periods of showers through the day. Temperatures near normal. Winds light.
7. Showers overnight, variable cloudiness through the day. Maximum temperature above normal, minimum well above normal. Winds light increasing to moderate late morning.
8. Cloudy to overcast, thunder and showers beginning mid afternoon. Maximum temperature above normal. Minimum well above normal. Winds moderate decreasing to light late evening.
9. Cloudy with afternoon showers. Maximum temperature near normal, minimum above normal. Winds light.
10. Sunny becoming cloudy with showers late afternoon. Maximum temperature slightly above normal, minimum near normal. Winds light increasing to moderate gusting strong late morning, decreasing to light early evening.
11. Sunny. Maximum temperature near normal, minimum slightly above normal. Winds light increasing to moderate late evening.
12. Cloudy with showers midmorning, clearing late morning. Maximum temperatures well above normal, minimum above normal. Winds moderate gusting strong, decreasing to light early evening.
13. Cloudy to overcast, with thunder and showers ending late morning. Temperatures near normal. Winds light increasing to moderate gusting strong late morning, decreasing to light early evening.
14. Sunny becoming cloudy early evening. Maximum temperature slightly above normal, minimum near normal. Winds light.
15. Showers ending early morning, clearing early afternoon. Maximum temperatures near normal, minimum above normal. Winds light to moderate through the day, decreasing to light mid evening.
16. Sunny. Maximum above normal, minimum slightly above normal. Winds moderate.
17. Sunny. Maximum temperatures slightly above normal, minimum above normal. Winds decreasing to light overnight, light through the day.
18. Sunny. Cloudy in the afternoon. Temperatures near normal. Winds increasing to moderate gusting strong early morning, decreasing to light mid evening.
19. Sunny becoming cloudy early evening. Temperatures near normal. Winds light.
20. Variable cloudiness. Maximum temperature slightly below normal, minimum near normal. Winds moderate decreasing to light late evening.
21. Sunny. Maximum temperature near normal, minimum below normal. Winds light.
22. Sunny. Maximum temperature near normal, minimum slightly below normal. Winds light.
23. Sunny becoming cloudy early afternoon with showers early evening. Temperatures near normal. Winds light increasing to moderate gusting strong late morning, decreasing to moderate early evening.
24. Cloudy with thunder and showers in the early evening. Temperatures slightly above normal. Winds light with occasional periods of moderate.
25. Overcast with thunder and showers throughout the day. Maximum temperature near normal, minimum above normal. Winds were generally light to moderate, increasing to strong gusting to gale for a short period in the morning, and strong gusting gale force early evening.
26. Showers overnight, sunny during the day. Maximum temperature near normal, minimum above normal. Winds light becoming moderate gusting strong midmorning, decreasing to light late evening.
27. Cloudy. Maximum temperature below normal, minimum near normal. Winds increasing to moderate gusting strong midmorning, decreasing to light early evening.
28. Cloudy to overcast. Maximum temperature below normal, minimum slightly below normal. Winds light.
29. Cloudy, clearing slightly in the evening. Maximum temperature near normal, minimum above normal. Winds light.
30. Overcast with showers in the morning, rain and drizzle beginning late afternoon. Maximum temperature below normal, minimum slightly above normal. Winds light to moderate, with period moderate gusting strong midmorning to early afternoon and again late evening.