

# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS: SEPTEMBER  
 AT/A: WINNIPEG INT'L AIRPORT

LAT 049° 054' N		LONG 097° 017' W		ELEVATION ALTITUDE 240		METRES (ASL) MÉTRES (NMM)		STANDARD TIME USED HEURE NORMALE UTILISÉE		CENTRAL																			
DATE	TEMPERATURE			DEGREE-DAYS DEGRÉS-JOURS			REL HUMIDITY HUMIDITÉ REL		PRECIPITATION PRÉCIPITATIONS			WIND VENT			BROUILLÉ / BRUME FUSION / FUSION EFFECTIVE HOURS HEURES														
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFÉE	GROWING DE CROISSANCE	COOLING DE RÉFRIGÉRATION	MAXIMUM MAXIMALE	MINIMUM MINIMALE	THUNDERSTORM ORAGE	RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP PRÉCIP TOTALE	SNOW ON GROUND NEIGE AU SOL	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°C	BASE 5°C	BASE 18°C	%	%		mm	mm	mm	mm	km/h		km/h	HOURS HEURES												
1	18.9	8.1	13.5	4.5	8.5		94	64		TR		TR		24.7	S	S 33	8.0												
2	20.3	8.2	14.3	3.7	9.3		100	60		2.0		2.0		27.6	S	W 44	3.6												
3	19.2	5.1	12.2	5.8	7.2		93	52		TR		TR		13.3	W	WNW 24	8.6												
4	22.0	12.3	17.2	0.8	12.2		88	49		0.4		0.4		15.0	E	ENE 26	8.5												
5	18.7	4.7	11.7	6.3	6.7		100	76	1	11.8		11.8		21.0	NW <sup>+</sup>	MNW 37	0.0												
6	12.6	2.4	7.5	10.5	2.5		100	76						11.8	S	SSW 26	0.9												
7	13.8	4.2	9.0	9.0	4.0		100	50						16.5	N	NW 30	1.4												
8	18.0	0.7	9.4	8.6	4.4		93	42						19.9	S	S 37	8.3												
9	11.6	8.5	10.1	7.9	5.1		100	76		22.4		22.4		23.7	W	N 33	0.0												
10	16.9	4.0	10.5	7.5	5.5		100	52		TR		TR		11.6	NW <sup>+</sup>	MNW 22	8.6												
11	23.2	7.6	15.4	2.6	10.4		93	41						20.5	S	S 37	8.3												
12	21.1	5.8	13.5	4.5	8.5		94	46	1	1.2		1.2		15.8	E	ESE 26	4.9												
13	19.0	9.3	14.2	3.8	9.2		100	40	1	3.2		3.2		27.1	WSW <sup>+</sup>	WSW 44	6.4												
14	16.1	6.1	11.1	6.9	6.1		81	29						23.4	WSW	W 37	10.5												
15	19.6	6.5	13.1	4.9	8.1		100	43	1	2.6		2.6		14.3	S	N 30	3.4												
16	12.5	2.4	7.5	10.5	2.5		93	54		TR		TR		16.0	N	N 26	3.4												
17	11.0	1.4	6.2	11.8	1.2		100	81		10.0		10.0		13.4	SSE	SSE 24	0.6												
18	10.9	1.5	6.2	11.8	1.2		93	46		0.2		0.2		23.3	NW	WNW 41	10.2												
19	19.3	2.3	10.8	7.2	5.8		81	39						19.6	S	S 37	4.7												
20	23.1	9.9	16.5	1.5	11.5		88	46		TR		TR		11.0	SSW <sup>+</sup>	WSW 22	4.2												
21	13.9	0.1	7.0	11.0	2.0		88	46		TR		TR		30.5	MNW	NW 48	2.1												
22	10.8	-3.4	3.7	14.3			93	43						12.0	SSE	S 24	8.4												
23	20.4	5.6	13.0	5.0	8.0		67	45						25.6	SSE <sup>+</sup>	S 32	9.1												
24	25.3	14.5	19.9		14.9	1.9	72	39						36.8	S	S 50	7.0												
25	22.5	11.5	17.0	1.0	12.0		94	43		0.4		0.4		33.5	S	S 46	7.0												
26	13.6	1.7	7.7	10.3	2.7		93	41						18.1	W	WNW 28	6.4												
27	7.0	0.4	3.7	14.3			93	65		3.6		3.6		22.3	MNW	MNW 52	0.0												
28	11.1	-2.1	4.5	13.5			86	40						12.3	W	WNW 20	9.7												
29	18.6	4.1	11.4	6.6	6.4		81	39						15.6	SSE	SSE 26	9.2												
30	22.9	2.9	12.9	5.1	7.9		93	33						5.3	S	S 19	9.3												
31																													
MEAN MOYENNE	17.1	4.9	11.0	TOTAL 211.2	TOTAL 183.8	TOTAL 1.9	92	50	TOT 4	TOTAL 57.8	TOTAL 0.0	TOTAL 57.8		19.4	PREVAILING DIRECTION DOMINANTE S	MAXIMALE NNW 52	TOTAL 172.7												
NORMALE	18.4	6.3	12.4	178.1	223.8	8.7			3	53.0	0.2	53.3		18.5	S		184.6												
DEGREE-DAY SUMMARY/SOMMAIRE DE DEGRÉS JOURS										DAYS WITH TOTAL PRECIPITATION JOURS AVEC PRÉCIPITATIONS TOTALES										DAYS WITH SNOWFALL JOURS AVEC CHÛTE DE NEIGE									
BELOW 10°C AU-DESSOUS DE 10°C		THIS YEAR ANNÉE EN COURS		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE		ABOVE 5°C AU-DESSUS DE 5°C		THIS YEAR ANNÉE EN COURS		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE		02 OR MORE - OU PLUS		10 OR MORE - OU PLUS		20 OR MORE - OU PLUS		30 OR MORE - OU PLUS		40 OR MORE - OU PLUS		50 OR MORE - OU PLUS			
TOTAL FOR MONTH TOTAL DU MOIS		211.2		188.7		178.1		TOTAL FOR MONTH TOTAL DU MOIS		183.8		212.1		223.8		11		8		7		3		0		0		0	
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1er JUILLET		352.8		210.3		242.5		ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1er AVRIL		1447.3		1994.4		1697.4															

UDC 551 508 1 ( ) Note/Arts 1 Climatological Day/Journée climatologique 00 01 C ST - 23 00 C ST  
 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/Calm \$3.00 \$29.50 \$3.00 \$29.50  
 8 Price single issue/annual (Jan to Dec) /Prix numéro individuel/annuel (janv à déc)





DAILY WEATHER SUMMARY FOR SEPTEMBER, 1992 AT WINNIPEG, MANITOBA

1. Mainly sunny, becoming overcast with drizzle by late evening. Maximum temperature slightly below normal, minimum near normal. Winds light increasing to moderate and gusty late morning.
2. Overcast with drizzle overnight and showers through the day. Temperatures near normal. Winds moderate increasing to moderate gusting strong occasionally gusting to gale force.
3. Variable cloudiness becoming overcast with showers late evening. Maximum temperature slightly below normal, minimum below normal. Winds light.
4. Showers ending overnight, sunny through the day becoming overcast with showers late evening. Maximum temperature near normal, minimum slightly above normal. Winds light increasing to moderate mid-evening.
5. Thunder and showers overnight, overcast through the day with drizzle late morning. Maximum temperature slightly below normal, minimum below normal. Winds light to moderate, with a period of moderate gusting to strong late morning to mid-afternoon.
6. Cloudy. Maximum temperature well below normal, minimum below normal. Winds light.
7. Cloudy. Temperatures below normal. Winds light except for a period of moderate late morning to early evening.
8. Sunny becoming cloudy mid-afternoon. Maximum temperature slightly below normal, minimum well below normal. Winds light increasing to moderate near noon, with occasional gusts to strong, mid-afternoon to mid-evening.
9. Overcast with showers. Showers ending mid-evening. Maximum temperature well below normal, minimum near normal. Winds light increasing to be moderate and gusty late morning.
10. Sunny becoming cloudy early afternoon, clearing early evening. Temperatures slightly below normal. Winds light.
11. Variable cloudiness, clearing mid-afternoon. Maximum temperature slightly above normal, minimum near normal. Winds light increasing to moderate gusting strong mid-morning, decreasing to light mid-afternoon.
12. Clear becoming cloudy mid-morning, then becoming overcast with showers mid-evening. Temperatures near normal. Winds light, increasing to moderate early evening.
13. Showers overnight, clearing mid-afternoon. Maximum temperature near normal, minimum slightly above normal. Winds light, increasing to moderate gusting strong mid-morning, decreasing to moderate early evening.
14. Sunny. Maximum temperature slightly below normal, minimum near normal. Winds moderate, increasing to moderate gusting strong mid-morning, decreasing to light early evening.
15. Cloudy with showers from noon to early evening. Temperatures near normal. Winds light with a few periods of moderate.
16. Cloud, showers near noon, clearing late afternoon. Maximum temperature below normal, minimum slightly below normal. Winds light.
17. Overcast with rain ending early afternoon, drizzle late evening. Maximum temperature well below normal, minimum below normal. Winds light increasing to moderate late evening.
18. Showers overnight, mainly sunny through the day. Temperatures below normal. Winds moderate occasionally gusting to strong, decreasing to light early evening.
19. Mainly cloudy. Maximum temperature slightly above normal, minimum slightly below normal. Winds light increasing to moderate and gusty mid-morning, decreasing to light late afternoon.
20. Variable cloudiness, showers late afternoon. Temperatures above normal.
21. Cloudy, showers late afternoon, clearing early evening. Maximum temperature slightly below normal, minimum below normal. Winds increasing to moderate gusting strong early morning, decreasing to light mid-evening.
22. Sunny, becoming cloudy mid-evening. Maximum temperature below normal minimum well below normal. Winds light.
23. Sunny with variable cloudiness beginning near noon, clearing mid-evening. Maximum temperature above normal, minimum near normal. Winds increasing to moderate overnight, gusting from mid-morning to late afternoon.
24. Variable cloudiness, clearing early evening. Temperatures well above normal. Winds increasing to be strong and gusty overnight, decreasing to moderate late afternoon.
25. Sunny becoming overcast with showers early evening. Maximum temperature above normal, minimum well above normal. Winds increasing to moderate gusting to strong overnight, decreasing to light early evening.
26. Mainly cloudy becoming sunny late afternoon. Temperatures slightly below normal. Winds light occasionally moderate in the afternoon.
27. Overcast with showers ending late afternoon. Maximum temperature well below normal, minimum slightly below normal. Winds light increasing to strong and gusty mid-afternoon, decreasing to light mid-evening.
28. Sunny, becoming cloudy early evening. Temperatures below normal. Winds light.
29. Mainly sunny. Maximum temperature slightly above normal, minimum near normal. Winds light.
30. Sunny. Maximum temperature well above normal, minimum near normal. Winds light.

DRY BULB TEMPERATURE SUMMARY  
 SOMMAIRE DES TEMPERATURES DU THERMOMETRE SEC

WINNIPEG INT'L AIRPORT

SEPTEMBER 1992  
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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	95	98	93	90	85	84	83	93	119	138	163	181	176	186	182	174	178	178	164	160	157	149	147	148	138	
A	149	151	153	150	149	147	147	149	155	157	160	179	192	179	188	184	139	135	136	125	120	109	96	84	147	
T	86	74	73	74	59	60	65	77	102	120	141	157	170	177	185	182	183	179	170	160	150	147	146	141	128	
E	133	135	127	130	132	134	131	137	153	170	179	190	197	210	213	217	212	204	201	186	187	185	179	167	171	
	170	169	179	182	178	173	177	178	154	147	114	114	106	107	104	98	101	98	94	90	86	77	52	49	125	
	56	35	39	29	37	46	55	56	60	73	92	102	117	119	122	120	115	115	109	106	101	93	93	80	82	
	81	69	59	62	50	59	58	65	71	83	90	102	108	113	118	121	126	124	118	95	81	57	50	56	84	
	42	37	33	31	18	14	9	23	50	84	113	137	146	170	178	171	162	158	141	130	125	122	120	99	99	
	116	111	113	112	105	100	100	98	100	106	104	98	98	98	98	96	96	99	115	113	110	106	100	94	103	
	85	81	59	63	53	54	42	47	69	96	119	129	139	152	161	166	153	144	147	122	114	107	101	98	104	
	96	89	88	81	79	80	79	85	97	124	149	178	184	198	218	229	215	204	179	146	135	108	88	85	134	
	80	80	74	72	63	71	63	111	130	144	169	174	185	195	204	211	196	193	187	189	189	189	186	186	149	
	179	177	175	176	175	174	174	177	166	157	161	166	171	166	166	185	185	178	172	149	135	128	121	102	163	
	94	82	83	78	82	73	69	72	88	109	123	133	148	157	158	157	158	155	149	123	103	111	88	88	112	
	78	68	66	70	78	77	78	80	102	127	144	165	189	155	163	171	152	142	134	140	124	123	121	120	119	
	103	95	88	82	79	72	60	69	81	84	93	97	98	106	113	122	121	117	103	75	62	65	48	37	86	
	31	21	28	30	42	50	55	56	61	62	61	65	67	79	84	90	98	109	104	99	88	85	80	77	68	
	74	70	67	63	51	54	52	53	64	71	81	83	86	98	98	100	103	96	81	61	47	32	19	26	68	
	28	26	35	41	43	44	53	54	61	84	116	135	161	175	183	192	185	177	160	152	151	153	158	146	113	
	140	131	127	120	118	108	107	101	117	130	164	184	221	222	222	220	214	207	178	174	183	166	154	145	161	
	120	117	119	138	122	117	116	92	84	90	94	97	100	102	103	99	74	86	73	57	38	19	9	11	87	
	8	1	-11	-8	-10	-33	-30	-20	10	37	57	72	73	89	98	105	106	103	98	81	81	77	77	75	47	
	73	75	71	67	61	62	58	60	75	106	124	147	160	179	188	195	200	203	200	178	171	165	153	159	130	
	166	168	169	161	161	151	146	145	156	168	188	200	213	225	232	252	244	240	236	225	227	226	215	201	196	
	188	175	165	161	158	156	153	150	153	160	171	178	188	200	215	218	181	166	164	154	144	137	131	128	166	
	115	103	101	91	79	77	74	63	72	93	98	103	105	111	125	131	131	127	107	84	76	69	58	19	92	
	22	21	16	11	5	12	17	33	46	53	59	69	68	60	26	21	24	26	25	20	27	22	22	25	30	
	25	22	20	13	0	-12	-10	-17	0	18	51	69	87	95	99	107	109	103	79	53	48	68	66	62	48	
	60	64	66	56	51	55	42	44	48	71	99	115	133	149	164	177	182	186	171	150	131	114	85	73	104	
	62	60	51	39	34	37	44	37	67	102	142	167	191	203	219	225	226	222	196	171	172	158	152	141	130	
MEAN	92	87	84	82	78	77	76	79	90	105	121	133	143	149	154	158	152	149	140	126	119	112	104	98	113	
MOYENNE																										

\*TEMPERATURES IN TENTHS OF DEGREES CELSIUS  
 \*TEMPERATURES EN DIXIEME DEGRES CELSIUS

DAY	HOUR	WIND DIRECTION (DIR.)																								PEAK WIND SPEED	TIME
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
D	1	S	S	S	S	S	S	S	SSE	SSE	SSE	S	SSE	S	SSE	S	S	S	S	SSE	S	S	S	S	S	48	12:22
		9	11	11	19	15	17	17	19	24	30	26	28	33	33	32	33	32	33	30	33	30	30	26	22		
A	2	S	S	S	S	SSE	S	S	SSW	WSW	NW	NW	W	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	85	15:16
		22	26	26	26	19	28	26	22	22	20	30	35	41	41	44	32	41	33	28	26	22	15	15			
O	3	W	W	W	W	WSW	WSW	WSW	SW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	43	12:22
		15	15	15	15	15	15	9	11	13	15	15	19	19	22	24	19	19	13	0	4	9	7	11			
M	4	WNW	N	C	C	C	E	ENE	E	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	37	22:22
		7	7	0	0	0	4	7	9	11	19	19	20	22	19	24	22	26	15	19	22	24	26	20			
N	5	E	SE	E	ENE	NE	SSW	S	S	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	48	14:50
		22	17	26	19	11	9	11	13	26	26	30	28	30	33	37	28	26	22	19	11	13	6	9			
O	6	WNW	C	NW	C	ENE	E	SE	ESE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	35	11:55
		11	0	7	0	4	6	11	11	15	13	15	20	24	22	26	24	19	20	13	7	4	4	4	4		
M	7	C	C	WNW	WNW	WNW	N	E	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	39	15:58
		0	0	4	9	15	7	13	13	17	20	17	24	24	28	28	24	30	30	28	15	15	13	13	9		
T	8	W	W	SW	S	S	S	S	S	S	SSE	SE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	48	13:40
		11	15	2	4	11	6	7	7	11	13	15	30	20	37	30	32	32	30	24	32	32	24	26	26		
H	9	SSE	SSE	SSE	SSE	SE	S	SSW	W	W	W	W	W	W	W	W	W	W	W	N	N	N	N	N	N	44	12:31
		26	24	22	20	19	13	9	11	22	32	28	32	30	26	28	30	22	33	30	30	26	24	22			
A	10	WNW	WNW	WNW	WNW	NW	NW	WNW	WNW	N	NW	NW	NW	WSW	WSW	W	WSW	W	C	SW	SW	S	S	S	S	52	10:51
		22	17	13	15	15	11	13	11	9	13	13	9	13	17	15	11	4	0	6	7	9	11	15	15		
Y	11	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	44	17:01
		17	19	19	19	19	19	20	28	26	32	37	37	33	24	19	20	20	17	9	11	15	11	9			
A	12	NE	ENE	ENE	E	E	E	SE	E	ESE	ESE	E	E	E	E	ENE	NE	ENE	E	ESE	SE	SE	SE	SE	SE	52	10:51
		11	4	4	4	7	4	6	15	19	20	22	13	19	19	24	17	19	22	19	15	26	24	22	24		
Y	13	SSE	SSE	SSE	SSE	S	S	SSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	61	11:58
		22	22	19	17	15	19	20	26	32	33	33	39	44	41	39	33	32	30	24	19	20	26	26	20		
A	14	SW	SW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	56	10:44
		22	24	22	22	22	24	24	22	24	22	26	33	32	33	32	22	22	26	19	15	15	13	15			
Y	15	SSW	SSW	S	S	S	S	S	SSE	ENE	NE	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	50	16:01
		15	13	11	11	11	11	7	7	6	7	7	11	19	13	13	19	30	22	17	9	24	15	13	19		
A	16	WNW	N	WNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	33	10:35
		17	22	20	22	22	19	11	9	11	19	20	26	24	20	19	15	20	15	20	15	20	17	7	9	11	