

MONTHLY METEOROLOGICAL SUMMARY

SOMMAIRE METEOROLOGIQUE MENSUEL

Environment Canada

Environnement Canada

WINNIPEG INTL A (YWG) MONTH/MOIS: March/mars 2000

DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRES-JOURS			REL HUMIDITY HUMIDITE REL		PRECIPITATION PRECIPITATIONS			Snow On Ground neige au sol cm
	MAX	MIN	MEAN	Heating	Growing	Cooling	MAX	MIN	Rainfall	Snowfall	Total	
	C	C	C	base 18	base 5	base 18	%	%	mm	cm	mm	
1	0.4	-4.9	-2.3	20.3	0.0	0.0	93	74	0.0	0.0	0.0	0
2	4.3	-4.6	-0.2	18.2	0.0	0.0	100	82	0.0	0.0	0.0	0
3	9.1	-1.3	3.9	14.1	0.0	0.0	100	74	0.0	0.0	0.0	0
4	12.7	-3.3	4.7	13.3	0.0	0.0	100	71	0.0	0.0	0.0	0
5	13.3	-1.1	6.1	11.9	1.1	0.0	100	64	0.0	0.0	0.0	0
6	16.5	-0.6	8.0	10.0	3.0	0.0	100	55	0.0	0.0	0.0	0
7	12.0	-0.9	5.6	12.4	0.6	0.0	100	78	0.0	0.0	0.0	0
8	4.3	-12.5	-4.1	22.1	0.0	0.0	93	63	0.0	TR	TR	0
9	-7.0	-16.3	-11.7	29.7	0.0	0.0	84	46	0.0	0.0	0.0	0
10	0.5	-13.6	-6.6	24.6	0.0	0.0	90	33	0.0	0.0	0.0	0
11	-2.4	-13.6	-8.0	26.0	0.0	0.0	89	41	0.0	0.0	0.0	0
12	-0.7	-14.8	-7.8	25.8	0.0	0.0	91	30	0.0	0.5	0.5	TR
13	-2.1	-14.5	-8.3	26.3	0.0	0.0	96	54	0.0	1.5	1.0	0
14	-5.6	-16.8	-11.2	29.2	0.0	0.0	90	48	0.0	0.0	0.0	0
15	-8.0	-19.1	-13.6	31.6	0.0	0.0	87	37	0.0	0.0	0.0	0
16	-4.3	-16.4	-10.4	28.4	0.0	0.0	73	39	0.0	0.0	0.0	0
17	-0.7	-12.1	-6.4	24.4	0.0	0.0	95	54	0.0	3.5	3.5	4
18	8.8	-2.1	3.4	14.6	0.0	0.0	89	48	0.0	0.0	0.0	TR
19	13.8	-3.8	5.0	13.0	0.0	0.0	84	29	0.0	0.0	0.0	0
20	5.1	0.7	2.9	15.1	0.0	0.0	93	66	TR	0.0	TR	0
21	10.7	-1.3	4.7	13.3	0.0	0.0	99	39	0.0	0.0	0.0	0
22	15.9	0.2	8.1	9.9	3.1	0.0	82	32	0.0	0.0	0.0	0
23	17.0	-2.3	7.4	10.6	2.4	0.0	100	58	8.8	0.0	8.8	0
24	10.4	2.4	6.4	11.6	1.4	0.0	100	86	7.0	0.0	7.0	0
25	10.2	1.1	5.7	12.3	0.7	0.0	98	48	0.6	0.0	0.6	0
26	10.3	0.2	5.3	12.7	0.3	0.0	95	47	TR	TR	TR	0
27	1.0	-6.5	-2.8	20.8	0.0	0.0	100	61	0.2	0.6	0.8	0
28	7.3	-8.4	-0.6	18.6	0.0	0.0	93	40	0.0	0.0	0.0	0
29	11.6	-4.5	3.6	14.4	0.0	0.0	89	38	0.0	0.0	0.0	0
30	14.8	1.1	8.0	10.0	3.0	0.0	91	39	4.4	0.0	4.4	0
31	7.3	-0.4	3.5	14.5	0.0	0.0	100	77	2.4	2.0	4.4	0
TOTAL				559.7	15.6	0.0			23.4	8.1	31.0	totale
MEAN	6.0	-6.1	-0.1				93	53				moyenne
NORMAL	-1.8	-12.4	-7.0	778.5	1.8	0.0			5.9	19.2	23.1	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.

WINNIPEG INTL A (YWG) MONTH/MOIS: March/mars 2000

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	3	-3	-36	-39	-41	-42	-28	-32	-39	-43	-40	-35	-35	-33	-24	-20	-18	-16	-26	-27	-38	-38	-44	-43
2	-36	3	4	3	2	0	-46	-39	-35	-35	-33	-24	-15	-1	11	30	36	34	21	11	10	9	6	5
3	7	3	4	3	2	0	0	-6	0	0	15	34	46	55	61	77	83	76	48	56	37	20	5	-3
4	-2	-2	3	-7	-20	-24	-8	-32	-5	7	26	58	78	81	112	120	116	102	91	67	72	72	50	34
5	41	48	34	32	22	12	9	-8	5	34	44	37	77	104	120	128	130	125	86	44	33	26	20	8
6	15	11	6	-2	4	6	4	5	11	37	67	105	121	148	157	152	155	139	130	115	105	85	72	57
7	58	48	37	18	14	-2	15	19	26	43	53	61	77	110	118	116	112	91	72	67	61	53	55	49
8	43	34	34	11	-8	-28	-49	-63	-72	-82	-74	-64	-64	-64	-71	-88	-87	-94	-95	-98	-100	-106	-114	-121
9	-125	-128	-137	-143	-150	-156	-162	-162	-156	-140	-127	-117	-100	-95	-83	-80	-77	-75	-81	-104	-118	-124	-127	-122
10	-132	-133	-134	-120	-108	-111	-127	-132	-105	-80	-59	-38	-31	-18	-13	-9	-3	2	-12	-24	-15	-19	-20	-17
11	-23	-50	-66	-62	-69	-85	-93	-89	-89	-83	-76	-72	-66	-55	-58	-49	-46	-53	-65	-81	-108	-120	-113	-123
12	-117	-132	-129	-136	-131	-137	-135	-146	-103	-69	-51	-36	-28	-20	-11	-16	-18	-21	-32	-43	-43	-42	-54	-49
13	-51	-47	-50	-61	-65	-103	-129	-130	-109	-96	-72	-61	-45	-38	-39	-28	-24	-37	-55	-90	-83	-65	-60	-56
14	-56	-71	-68	-129	-140	-163	-167	-157	-120	-91	-83	-77	-82	-81	-77	-77	-75	-83	-96	-122	-143	-146	-148	-158
15	-160	-170	-174	-178	-190	-187	-184	-188	-153	-127	-114	-105	-105	-100	-97	-87	-90	-89	-98	-119	-121	-122	-129	-136
16	-133	-155	-154	-149	-146	-146	-154	-149	-131	-117	-95	-76	-66	-63	-57	-54	-55	-58	-76	-111	-132	-127	-132	-124
17	-121	-96	-97	-102	-100	-83	-76	-71	-58	-48	-33	-23	-37	-33	-20	-8	-21	-22	-22	-22	-20	-14	-13	-20
18	-22	-17	-17	-18	-2	-7	-8	-11	-2	18	26	45	63	63	76	79	87	84	61	56	43	13	5	-8
19	-2	-23	-30	-17	-19	-13	-11	6	23	48	76	86	109	121	130	124	114	100	84	76	71	62	57	50
20	48	46	31	24	14	8	10	13	19	25	27	27	31	34	35	37	37	32	29	26	20	13	16	16
21	15	13	9	9	4	2	7	2	12	25	50	61	70	85	87	96	93	94	93	60	55	48	45	41
22	39	45	43	48	34	27	15	9	36	72	115	131	143	147	153	155	153	148	118	76	56	58	28	26
23	34	25	27	15	-1	-19	8	5	47	76	111	125	156	160	153	153	149	148	147	135	109	96	93	91
24	93	99	101	102	103	103	102	101	101	100	99	100	70	82	78	75	74	64	53	47	35	26	26	24
25	25	23	23	30	24	15	13	14	24	41	61	67	75	82	90	95	99	97	74	58	54	55	49	46
26	42	31	18	23	31	30	24	24	30	47	45	49	72	84	97	97	97	96	78	36	41	43	24	14
27	3	2	5	1	-17	-22	-51	-57	-61	-62	-58	-42	-36	-23	-16	-2	3	3	-3	-13	-23	-35	-38	-38
28	-46	-53	-61	-64	-72	-68	-79	-60	-32	-11	10	31	40	48	59	72	67	69	58	12	-27	-20	-20	-15
29	-32	-21	-28	-29	-32	-40	-33	-14	8	38	63	78	90	93	104	112	112	114	93	58	15	4	25	25
30	15	11	27	23	27	22	21	27	37	51	55	68	89	123	128	142	143	144	116	98	75	65	51	53
31	45	36	27	37	37	36	34	32	37	34	7	4	9	25	43	57	57	71	63	56	43	37	18	-1

NOTE/AVIS: 1. Unit = 0.1 C 1. Unite = 0.1 C

WINNIPEG INTL A (YWG) MONTH/MOIS: March/mars 2000

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

WINNIPEG INTLA (YWG) MONTH/MOIS: March/mars 2000

		WINDS (km/h)												/	DES VENTS (km/h)												Pk Hour
Hour		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Gust Hour	
Date																										Rafale	
1	NW	NNW	NNW	N	N	NNW	N	N	NNW	N	N	NNW	N	N	NNW	N	N	NNW	N	N	NNW	N	N	NNW	N	N	46
2	S	S	S	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	9
3	13	15	13	17	22	30	22	26	26	30	24	26	32	26	26	35	26	28	22	24	28	22	24	28	22	22	46
4	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	32
5	WSW	SW	SW	W	W	SSW	SW	S	SSE	S	S	S	S	S	S	S	S	S	S	SSE	S	S	SSE	S	S	SSE	32
6	6	11	4	7	9	4	7	9	7	11	9	13	17	22	20	22	24	20	22	17	22	24	17	17	17	33	1500
7	S	S	S	S	S	S	SSW	S	S	W	W	WNW	WNW	WNW	NNW	NNW	NE	NNE	NE	NE	NNE	NE	NE	NE	NE	NE	32
8	19	20	17	15	11	11	7	7	9	7	7	6	6	7	9	11	9	11	13	15	17	15	13	15	32	200	
9	ENE	ENE	E	NE	NE	NE	NE	ENE	ENE	ENE	ENE	E	E	E	E	NE	E	SE	E	SSE	ESE	ESE	E	E	E	E	1400
10	9	9	9	11	13	19	13	11	11	13	17	22	20	20	19	20	15	15	20	13	7	9	11	6	32	1400	
11	E	SE	SSE	SE	S	SSE	S	SSW	SW	SSW	WSW	SSW	WSW	WSW	WSW	WNW	WNW	NNW	NW	NW	NNW	NW	NNW	NW	NNW	17	
12	6	9	4	4	4	6	7	6	6	4	7	11	9	7	11	15	13	11	11	6	9	9	9	19	17	17	
13	N	NNW	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N	N	N	NNE	N	N	N	N	N	N	N	1100
14	15	17	19	33	37	37	33	48	37	52	50	46	50	54	48	48	46	52	50	43	46	56	48	41	72	1100	
15	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	200
16	37	41	43	39	41	35	26	24	26	28	24	20	20	19	19	19	11	11	11	11	13	9	11	4	56	200	
17	NE	E	C	S	S	SSW	WSW	S	SW	SW	WSW	SW	WSW	WSW	SW	SSW	W	SW	SSE	S	SSE	C	N	SW	1400		
18	4	6	0	9	9	6	6	7	7	7	15	11	9	11	11	19	11	15	7	9	11	7	0	13	39	1400	
19	N	NNE	NNE	NNE	NNE	NNE	N	NNE	N	NNE	NNE	N	NNW	N	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNE	100
20	22	30	19	22	19	20	9	19	22	20	20	15	13	11	24	15	13	15	22	17	11	13	15	11	39	100	
21	W	W	W	WNW	W	WSW	WSW	SSW	SSW	SSW	WSW	W	W	W	W	W	WNW	NNW	NE	NNE	SE	SSE	SSE	WSW	1200		
22	6	9	9	7	9	4	6	9	4	13	20	17	15	15	13	11	15	11	7	6	7	6	9	32	1200		
23	SE	E	NE	NNE	NE	NNE	N	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	W	W	WSW	SW	SW	SW	SW	SW	1700	
24	11	7	7	19	9	7	6	9	11	7	13	17	24	30	28	28	20	20	13	11	9	7	7	11	41	1700	
25	WSW	W	WNW	WNW	NNW	NW	NNW	NNE	NNE	NNE	N	NE	NE	NNE	ENE	NNE	N	N	NE	NNE	NE	NE	NE	NNE	1600		
26	11	11	19	9	11	9	11	9	9	17	20	19	19	6	9	13	11	7	13	11	9	7	9	9	9	1600	
27	NNE	N	N	N	NE	N	W	NNW	N	N	NNW	NNW	N	NNW	WNW	WNW	NW	WNW	W	WSW	SW	SW	SSW	WNW	1600		
28	13	9	4	4	9	4	9	11	22	28	28	19	19	15	20	22	24	17	7	7	6	6	6	39	1600		
29	SW	SSW	SSE	ESE	SSE	ESE	E	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	NNE	NNE	NNE	NE	NE	ENE	E	E	E	E	1600	
30	7	11	11	9	11	9	7	6	7	9	13	13	17	9	15	20	13	15	13	15	13	15	7	11	11	1600	
31	E	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	80	1400
32	9	17	19	17	15	20	24	28	32	43	48	54	50	50	50	52	48	48	41	41	33	35	32	26	80	1400	
33	S	SSW	SW	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	100	
34	19	26	20	17	19	19	17	19	22	22	24	20	20	19	15	13	15	13	9	7	9	13	13	15	32	100	
35	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	100	
36	17	13	17	17	17	20	20	24	22	26	28	30	33	37	44	41	41	32	33	32	39	33	35	30	65	1600	
37	S	S	S	S	S	S	S	SSE	S	S	SSW	SSW	S	S	S	S	SSW	SSW	S	SSW	S	S	SSW	S	100		
38	30	26	28	30	37	32	41	37	32	22	26	28	19	26	26	20	17	15	13	11	11	13	13	50	400		
39	S	S	SSW	SSW	SW	WSW	W	W	W	W	WNW	WSW	WSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	0	
40	17	15	15	11	6	9	11	11	7	4	6	13	15	15	19	20	26	24	19	15	17	24	24	33	41	0	
41	S	S	S	SSW	SSW	SW	SW	SW	SW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	NNW	N	NE	ESE	E	ESE	S	200		
42	35	35	35	37	22	19	17	15	19	17	20	24	26	33	28	30	24	20	9	6	6	6	6	15	50	200	
43	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSE	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	200	
44	7	9	13	11	9	13	17	15	20	20	22	22	33	32	41	37	37	39	32	35	52	28	35	32	63	2100	
45	SSW	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SSW	WSW	W	W	W	NW	WNW	NW	NW	NW	NW	WNW	WNW	S	300	
46	30	33	39	35	30	30	32	26	24	19	22	20	22	17	22	32	26	26	26	32	30	30	32	35	56	300	
47	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	WNW	W	W	WSW	SSW	SW	SSW	NW	100		
48	37	33	28	28	30	30	32	30	28	33	37	37	41	43	30	30	26	22	19	13	13	13	15	15	54	100	
49	SSW	S	S	S	SSW	SSW	WSW	W	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	WNW	NW	2200	
50	19	15	15	20	24	17	13	30	37	30	28	33	32	44	39	43	35	43	24	15	17	17	13	7	69	2200	
51	NNE	C	NW	N	N	N	N	N	N	N	N	N	N	N	N	NNW	N	N	N	N	N	N	N	NNW	NNW	N	800
52	30	0	17	19	22	33	37	37	32	39	44	30	33	35	35	37	33	30	20	15	13	13	15	56	800		
53	NNW	NNE	N	N	NW	NE	NNW	NNW	C	E	ENE	SSE	NNW	WNW	NW	NE	NE	NE	NE	NNE	NE	ENE	ENE	E	7	800	
54	13	13	7	9	4	7	7	4	0	6	4	4	6	4	4	11	15	11	13	15	15	11	6	7	7	800	
55	E	ESE	ESE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ENE	NE	E	ESE	SE	800	
56	7	7	9	9	13	9	7	11	11	11	11	19	15	11	15	13	11	15	9	7	13	11	9	13	13	800	
57	SSE	SSE	SE	SE	SE	SSE	ESE	SE	ESE	SE	ESE	SE	E	E	ESE	SE	ESE	SSE	SE	WSW	NNW	N	NE	ENE	WNW	800	
58	15	15	15	13	13	7	7	6	9	9	9	9	11	15	11	7	11	15	13	6	19	15	13	46	2000		
59	E	C	NNW	W	NNW	C	W	NW	NNW	NNW	NNW	NW	NW	WNW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	NW	1800	
60	11	0	6	11	7	0	13	13	17	15	24	24	28	26	30	32	28	33	30	20	15	15	15	46	1800		

SUMMARY / SOMMAIRE

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Pdir	N	S	S	S	S	E	NNW	N	NNE	SW	NNE	W	WNW	NNE	N	E	S	W	S	S	SSW	WNW	SSE	S	WNW	NW	N	NE	SE	SE	NW
avgv	19	24	16	14	12	14	9	42	23	9	17	10	14	12	13	12	35	17	28	24	16	21	25	28	28	25	27	8	11	12	18
dir2	WSW																ENE				S										

NOTE/AVIS: * indicates/indique < 24 hrs and/et >=18 hrs Pdir=Prevailing direction/Direction dominante dir2=2nd Pdir/2ieme Pdir