

# MONTHLY METEOROLOGICAL SUMMARY

## SOMMAIRE METEOROLOGIQUE MENSUEL

Environment Canada

Environnement Canada

WINNIPEG INTL A (YWG) MONTH/MOIS: October/octobre 2001

DATE	TEMPERATURE TEMPERATURE			DEGREE-DAYS DEGRES-JOURS			REL HUMIDITY HUMIDITE REL		PRECIPITATION PRECIPITATIONS			Snow On
	MAX	MIN	MEAN	Heating	Growing	Cooling	MAX	MIN	Rainfall	Snowfall	Total	Ground
	C	C	C	de chauffe base 18	de crois- sance base 5	de refri- geration base 18	%	%	de pluie hauteur mm	de neige hauteur cm	precip. totales mm	neige au sol cm
1	21.5	4.4	13.0	5.0	8.0	0.0	78	25	0.0	0.0	0.0	0
2	14.5	5.0	9.8	8.2	4.8	0.0	87	55	1.0	0.0	1.0	0
3	16.9	2.4	9.7	8.3	4.7	0.0	89	34	0.0	0.0	0.0	0
4	8.9	0.0	4.5	13.5	0.0	0.0	100	48	2.6	0.0	2.6	0
5	3.7	-4.4	-0.4	18.4	0.0	0.0	80	61	0.0	0.2	0.2	0
6	9.6	-5.2	2.2	15.8	0.0	0.0	78	36	0.0	0.0	0.0	0
7	15.1	-4.1	5.5	12.5	0.5	0.0	72	29	0.0	0.0	0.0	0
8	13.5	2.7	8.1	9.9	3.1	0.0	87	46	0.0	0.0	0.0	0
9	20.5	1.1	10.8	7.2	5.8	0.0	88	32	0.0	0.0	0.0	0
10	16.1	2.0	9.1	8.9	4.1	0.0	78	43	0.0	0.0	0.0	0
11	17.2	-1.2	8.0	10.0	3.0	0.0	73	44	0.0	0.0	0.0	0
12	17.2	2.5	9.9	8.1	4.9	0.0	68	40	TR	0.0	TR	0
13	15.5	-1.9	6.8	11.2	1.8	0.0	74	33	0.0	0.0	0.0	0
14	11.9	-0.7	5.6	12.4	0.6	0.0	85	63	2.6	0.0	2.6	0
15	6.9	-0.8	3.1	14.9	0.0	0.0	100	60	0.8	0.0	0.8	0
16	8.2	-4.5	1.9	16.1	0.0	0.0	81	44	0.0	0.0	0.0	0
17	11.7	2.2	7.0	11.0	2.0	0.0	64	48	TR	0.0	TR	0
18	11.9	-0.4	5.8	12.2	0.8	0.0	71	29	0.0	0.0	0.0	0
19	11.3	0.8	6.1	11.9	1.1	0.0	75	33	0.0	0.0	0.0	0
20	5.9	-6.4	-0.3	18.3	0.0	0.0	82	44	0.0	0.0	0.0	0
21	6.9	-6.7	0.1	17.9	0.0	0.0	77	44	0.0	0.0	0.0	0
22	6.0	-8.1	-1.1	19.1	0.0	0.0	88	68	2.0	1.0	3.5	0
23	2.7	-0.9	0.9	17.1	0.0	0.0	90	67	TR	TR	TR	0
24	1.1	-1.4	-0.2	18.2	0.0	0.0	81	68	0.0	2.0	2.0	0
25	2.0	-0.5	0.8	17.2	0.0	0.0	80	63	0.0	TR	TR	0
26	4.3	-6.5	-1.1	19.1	0.0	0.0	80	59	TR	0.0	TR	0
27	2.5	-6.0	-1.8	19.8	0.0	0.0	77	58	0.0	0.0	0.0	0
28	7.9	-5.4	1.3	16.7	0.0	0.0	77	58	0.0	0.0	0.0	0
29	9.0	-9.6	-0.3	18.3	0.0	0.0	74	38	0.0	0.0	0.0	0
30	5.4	1.8	3.6	14.4	0.0	0.0	81	46	0.0	TR	TR	0
31	7.3	2.0	4.7	13.3	0.0	0.0	93	81	1.4	0.0	1.4	0
<b>TOTAL</b>				424.9	45.2	0.0			10.4	3.2	14.1	totale
<b>MEAN</b>	10.1	-1.5	4.3				81	48				moyenne
<b>NORMAL</b>	11.3	0.1	5.7	380.9	74.9	0.3			24.6	4.9	29.5	normale

- NOTE/AVIS:
1. Climatological Day / Journee Climatologique: 00 01 LST - 00 00 LST
  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: October/octobre 2001

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	135	127	117	106	106	99	69	64	107	154	177	203	195	212	209	211	200	177	119	70	73	64	58	74
2	80	67	60	97	95	86	84	95	109	116	99	108	127	139	130	135	129	123	115	100	92	81	84	60
3	51	64	59	44	39	39	42	40	52	70	103	136	159	153	158	155	149	118	98	98	83	76	52	28
4	35	34	46	55	55	55	42	40	47	57	66	71	84	71	70	72	61	67	44	34	28	20	11	10
5	11	4	-7	-6	3	-4	-15	-8	6	3	13	2	2	22	22	27	15	16	-1	-26	-30	-27	-31	-39
6	-42	-47	-22	-21	-26	-26	-19	-11	-3	11	24	56	62	74	86	87	91	81	54	24	15	17	18	-2
7	4	0	2	-7	-27	-29	-35	-22	2	32	69	97	118	135	144	146	143	134	93	83	83	84	79	67
8	63	61	56	37	34	33	34	44	57	69	76	96	111	131	125	119	96	90	87	79	52	60	67	70
9	50	66	53	30	30	31	19	11	44	81	112	163	188	198	200	189	177	162	153	142	140	141	134	124
10	109	93	95	89	86	80	87	74	69	92	99	117	137	139	156	155	153	139	99	50	67	23	40	34
11	30	34	31	23	0	-9	-3	-2	35	62	90	119	155	159	155	166	159	150	141	138	138	135	130	126
12	115	118	120	117	118	112	113	104	111	136	140	152	158	163	160	153	135	121	112	106	97	92	83	62
13	34	30	2	6	-3	-12	-6	-1	2	44	86	124	142	153	145	129	124	100	91	87	86	72	58	52
14	57	20	11	-1	-4	48	60	62	68	79	86	94	106	85	85	80	89	59	56	45	47	44	20	30
15	11	12	20	20	39	27	20	20	30	41	37	47	36	53	62	47	55	49	30	28	22	12	3	-7
16	5	-10	-28	-18	-25	-27	-39	-41	-24	13	33	50	58	65	73	65	71	55	33	26	15	23	29	31
17	27	31	33	34	34	34	33	28	29	50	77	91	100	104	114	116	113	109	100	105	102	80	72	68
18	70	58	44	35	24	16	9	-1	6	42	67	90	103	108	116	112	114	97	87	81	79	75	75	71
19	74	75	72	72	71	55	19	14	27	49	70	83	94	107	108	107	99	90	76	61	50	43	53	52
20	46	41	20	27	35	19	14	13	13	22	36	37	42	50	42	47	32	24	-22	-18	-18	-20	-47	-36
21	-59	-53	-32	-20	-11	-20	-14	-6	4	11	28	50	59	61	68	62	58	50	42	21	-5	-15	-24	-57
22	-55	-78	-69	-75	-69	-67	-50	-20	-9	7	21	17	18	36	46	50	54	52	49	49	42	26	18	-1
23	1	15	18	26	21	16	13	10	11	12	16	21	20	23	25	23	17	11	6	-1	-6	-6	-5	-4
24	-7	-10	-11	-11	-11	-11	-12	-12	-6	-5	1	1	-1	6	10	10	8	7	0	-2	-5	-6	-5	-5
25	-2	-1	1	2	2	4	5	6	6	9	12	11	14	17	20	12	8	9	7	5	1	-2	-2	-4
26	-4	-3	-6	-5	-5	-4	-4	-5	-8	0	13	20	34	24	29	26	16	8	-20	-34	-34	-44	-54	-35
27	-55	-57	-51	-50	-51	-45	-45	-46	-39	-28	-17	-1	11	13	16	17	18	16	14	13	14	11	10	8
28	9	11	12	9	9	12	13	9	12	29	50	66	73	71	73	74	67	49	24	-10	-40	-42	-39	-42
29	-54	-34	-48	-56	-57	-72	-69	-88	-51	-7	28	57	72	83	87	84	72	41	-2	-1	-9	-8	-21	-17
30	19	24	26	26	36	36	37	40	43	43	47	36	44	44	47	41	44	46	41	40	41	36	31	30
31	35	38	39	37	33	28	25	40	50	53	57	60	71	70	72	70	66	65	64	63	64	63	62	58

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

WINNIPEG INTLA (YWG) MONTH/MOIS: October/octobre 2001

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					RW						RW														
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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: October/octobre 2001

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	SSW	SSW	S	SW	S	SW	WNW	W	NNW	N	N	N	N	NNW	NW	NNW	NW	NNW	NW	N	N	NE	ENE	ENE	NW	1700
2	ENE	E	E	E	NE	NNE	NE	NE	NE	NNE	NE	ENE	NE	N	NNE	NNE	N	NNW	NW	C	WNW	WNW	NE	48	900	
3	W	W	W	W	W	W	WSW	WSW	W	W	WSW	W	W	W	NW	WNW	W	W	W	W	W	W	WNW	WNW	1500	
4	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	1600
5	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	1600
6	SW	SW	W	WSW	WSW	WSW	SW	SW	WSW	S	WSW	WNW	WNW	SSW	N	WSW	WNW	NNE	ENE	E	E	E	ESE	ESE	13	1500
7	SE	ESE	SE	SE	SE	ESE	ESE	ESE	ESE	SSE	SSE	S	SSE	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SSE	SSE	S	1500
8	SSE	SSE	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	1700
9	S	S	S	S	S	S	S	S	S	S	SSW	WSW	W	W	WNW	W	W	WSW	SW	WSW	WSW	W	W	W	W	6
10	W	WNW	S	SW	SSW	C	W	W	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	1600
11	W	W	W	WSW	SW	S	S	S	SSE	S	S	SSE	S	S	S	S	S	S	S	SSE	SE	SE	SSE	SSE	S	1600
12	SSE	SE	SSE	SSE	S	S	S	S	SSW	W	WNW	WSW	WSW	W	W	W	W	W	W	W	SW	SW	SSW	SW	SW	1400
13	S	S	S	S	S	S	S	S	SW	SE	SSE	SSW	S	SSW	S	S	W	W	W	N	W	WNW	WNW	WNW	WNW	1700
14	N	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	1800
15	W	WNW	WNW	NW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	WNW	W	1400
16	NW	WNW	W	WNW	W	NW	W	WNW	N	C	NNW	WSW	WSW	WSW	WSW	SW	S	S	S	S	S	S	S	S	S	1100
17	S	S	S	S	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	1300
18	W	W	W	W	W	W	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	1300
19	W	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	1300
20	WSW	W	W	WNW	NW	NNW	NW	NW	WNW	NNW	NW	NW	WNW	NNW	NW	NW	WNW	NNW	NW	NNW	WNW	NNW	NW	SW	SW	1500
21	SW	SW	SSW	S	SSW	S	S	C	SW	W	WNW	WNW	WNW	WNW	W	WNW	NW	NNW	WNW	N	C	C	S	NNE	WNW	1500
22	C	ENE	E	S	C	SE	C	ESE	E	E	E	SE	E	E	E	ESE	E	E	E	E	E	E	NNE	N	NW	1300
23	NW	WNW	WNW	NW	WNW	NW	WNW	NW	WNW	NW	WNW	NW	WNW	NW	WNW	N	NNE	NNE	N	N	N	N	NNE	NNE	NE	0
24	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	N	1300
25	NNW	NNW	N	NNW	N	NNW	NNW	N	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	1300
26	NW	NW	NNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NNW	NNW	NW	N	NW	N	WNW	WNW	WNW	W	S	SSW	NW	200	
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	S	1500
28	S	S	S	S	S	S	S	S	W	WSW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	1300
29	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	1300
30	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	1100
31	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SSE	SE	E	E	ENE	E	E	E	E	E	E	E	E	E	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	NE	W	NNW	NW	WSW	SSE	S	S	NW	S	W	S	NW	NW	S	S	W	W	W	WNW	WNW	E	NW	N	NNW	NW	S	S	W	SSE	E
avgV	13	16	16	28	17	9	18	17	12	14	19	16	9	15	21	11	30	21	18	15	8	12	19	34	36	20	32	25	11	24	15	
dir2				W			SE									W																

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