

1. Sunny. Maximum temperature above normal, minimum slightly above normal. Winds moderate to strong occasionally gusting to gale force.
2. Increasing cloud early in the morning with scattered showers ending late afternoon. Temperatures above normal. Winds decreasing to light early morning with a period of moderate and gusty winds late afternoon to early evening.
3. Sunny. Temperatures near normal. Winds light increasing to moderate gusting strong late morning, decreasing to light early evening.
4. Sunny becoming overcast mid-afternoon with showers mid-evening. Maximum temperature slightly below normal, minimum near normal. Winds light increasing to moderate gusting strong late morning, decreasing to light mid-evening.
5. A few cloudy periods in the morning otherwise sunny. Temperatures slightly below normal. Winds light increasing to moderate late morning, decreasing to light late afternoon.
6. Sunny. Maximum temperature above normal, minimum below normal. Winds light increasing to moderate gusting strong late morning, decreasing to light early evening.
7. Sunny becoming overcast with showers late evening. Maximum temperature well above normal, minimum slightly above normal. Winds light increasing to moderate gusting strong early afternoon.
8. Overcast with showers beginning late morning. Maximum temperature near normal, minimum above normal. Winds moderate occasionally gusting strong early morning, increasing to light late afternoon.
9. Showers overnight, generally cloudy to overcast. Maximum temperature near normal, minimum slightly above normal. Winds moderate increasing to moderate gusting strong mid-afternoon, decreasing to moderate late evening.
10. Mainly sunny becoming cloudy early evening with showers beginning late evening. Temperature near normal. Winds light.
11. Showers overnight, cloudy throughout the day with showers late evening. Maximum temperature near normal, minimum above normal. Winds light increasing to moderate mid-morning, decreasing to light early evening.
12. Showers changing to drizzle overnight, drizzle ending early morning, clearing late afternoon. Maximum temperature slightly above normal, minimum above normal. Winds moderate occasionally light, decreasing to light early afternoon.
13. Sunny. Maximum temperature above normal, minimum near normal. Winds light increasing to moderate late afternoon.
14. Cloudy, clearing early evening. Maximum temperature near normal, minimum above normal. Winds moderate decreasing to light late afternoon.
15. Cloudy to overcast. Maximum temperature near normal, minimum slightly above normal. Winds light increasing to moderate and gusty by early evening.
16. Cloudy. Maximum temperature slightly below normal, minimum near normal. Winds moderate gusting strong, decreasing to light mid-evening.
17. Overcast with rain. Maximum temperature well below normal, minimum slightly below normal. Winds light increasing to moderate late morning and increasing to strong gusting gale force early evening.
18. Cloudy with showers ending mid-afternoon. Maximum temperature well below normal, minimum below normal. Winds moderate gusting strong decreasing to light mid-evening.
19. Cloudy, clearing mid-afternoon. Temperature below normal. Winds light occasionally moderate.
20. Sunny. Maximum temperature near normal, minimum below normal. Winds moderate increasing to strong gusting gale force late morning, decreasing to moderate gusting strong early evening.
21. Mainly sunny becoming overcast with showers mid-evening. Maximum near normal, minimum slightly above normal. Winds decreasing to light early morning, increasing to strong gusting gale force late evening.
22. Overcast with showers ending mid-morning, occasional showers mid-afternoon, clearing late evening. Maximum temperature below normal, minimum near normal. Winds strong gusting to gale force, decreasing to light early evening.
23. Sunny becoming cloudy early afternoon, clearing late evening. Maximum temperature near normal, minimum below normal. Winds light.
24. Sunny becoming overcast late morning with showers early evening. Maximum temperature near normal, minimum slightly below normal. Winds light increasing to moderate gusting strong early afternoon.
25. Clearing overnight becoming cloudy mid-morning, showers beginning early afternoon, clearing early evening. Temperatures slightly below normal. Winds increasing to strong gusting to gale force overnight, decreasing to light late evening.
26. Sunny becoming cloudy early evening. Maximum temperature below normal, minimum well below normal. Winds light, with a period of moderate, late morning to late afternoon.
27. Showers overnight. Variable cloudiness throughout the day, clearing mid-evening. Temperatures slightly below normal. Winds light, occasionally moderate in the afternoon.
28. Sunny. Maximum temperature near normal, minimum below normal. Winds light, increasing to moderate gusting strong late afternoon.
29. Sunny becoming overcast with showers late afternoon. Maximum temperature above normal, minimum near normal. Winds moderate gusting strong, occasionally strong gusting gale force, decreasing to moderate late evening.
30. Sunny becoming cloudy early evening. Temperatures near normal. Winds moderate, becoming strong mid-morning decreasing to light late afternoon.

**BOURCY RELATIVE HUMIDITY AS:  
HUMIDITE NORMALE A:**

**WIMBING INTERNATIONAL AIRPORT  
AEROPORT INTERN. DE WIMBING**

**MONTH: SEPTEMBER 1991  
MOIS: SEPTEMBRE 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	66	67	70	75	75	78	79	76	74	69	64	58	53	47	44	41	41	39	39	47	51	53	58	61
2	64	65	68	70	73	75	76	78	73	70	67	63	62	60	56	56	58	42	44	46	50	57	52	56
3	62	59	65	75	73	81	85	78	69	63	53	47	45	38	33	31	33	33	34	36	43	41	42	41
4	59	71	71	74	68	72	81	72	61	47	40	39	36	37	36	35	37	41	44	45	50	58	69	69
5	67	69	75	71	74	76	82	80	75	59	47	44	39	38	37	39	37	34	36	44	50	57	61	64
6	67	66	65	69	70	73	73	70	59	45	43	42	39	37	35	33	32	33	33	37	41	43	54	52
7	56	61	69	72	82	78	77	72	66	57	48	45	49	43	37	35	40	45	55	58	60	68	76	83
8	83	85	85	86	87	87	86	86	84	79	78	78	93	94	91	93	89	91	91	95	95	95	95	96
9	94	96	96	96	96	96	94	96	92	94	92	84	80	75	75	74	71	70	72	73	67	69	68	67
10	67	69	70	76	84	84	86	82	65	55	51	51	48	43	46	44	47	44	49	53	61	61	66	71
11	80	85	83	83	79	80	82	80	81	74	70	65	61	66	70	69	70	70	73	78	78	78	78	83
12	88	95	93	94	94	96	96	98	96	92	90	86	78	72	66	65	61	57	58	70	80	87	91	91
13	81	85	85	83	87	91	93	93	85	76	66	57	47	44	38	36	41	39	47	52	53	53	52	56
14	61	64	71	73	78	76	76	76	76	79	79	78	71	68	71	65	70	66	72	86	91	91	93	93
15	95	98	95	98	95	91	93	93	88	83	78	74	75	78	82	77	74	72	77	75	75	74	73	73
16	72	74	70	72	78	75	79	82	79	74	64	58	55	50	50	48	53	49	55	69	73	82	84	82
17	86	92	87	94	94	89	89	84	77	85	90	95	94	94	92	94	94	94	91	94	93	94	90	78
18	75	75	73	75	67	84	87	84	78	77	88	70	69	81	83	73	61	70	71	82	87	84	84	87
19	81	84	84	87	90	88	88	78	76	66	61	54	50	49	47	45	43	44	49	58	63	67	74	79
20	79	76	78	81	81	81	78	75	71	61	54	45	43	44	42	45	45	45	48	53	56	57	56	54
21	55	59	61	62	67	68	73	77	71	65	60	59	57	54	53	53	49	58	52	59	59	93	93	97
22	97	97	97	97	97	97	97	97	97	92	87	87	78	75	81	66	67	66	70	70	72	73	70	73
23	91	88	88	91	90	90	90	90	83	79	70	61	46	47	42	44	45	45	55	66	65	71	75	83
24	85	85	84	84	84	84	87	87	83	73	66	62	47	46	45	45	47	50	54	73	89	89	89	84
25	82	81	83	85	68	73	70	72	70	73	69	64	65	63	67	46	45	64	61	68	79	84	83	77
26	76	80	86	82	85	86	87	89	81	67	59	54	49	50	44	41	38	38	57	86	65	65	62	67
27	67	69	69	71	71	71	76	83	72	64	60	56	57	54	56	48	61	57	74	78	82	79	77	87
28	90	93	91	93	95	91	91	90	84	74	69	66	59	57	52	50	47	50	52	58	61	60	63	68
29	70	70	72	75	77	75	75	73	71	66	58	53	52	49	48	49	63	84	91	95	95	95	95	95
30	93	87	84	89	86	81	83	83	74	66	59	54	50	42	43	39	38	45	54	55	63	64	66	60

Notes/Notes: 1. Climatological Day/Journee climatologique 0001 C.B.T. - 0000 C.B.T.  
 2. Hours are C.B.T./Les heures sont a l'heure normale de la localite  
 3. Unit/Unite - percent/pour cent

WINDS (km/h) AT:  
DES VENTS (km/h) A:

WINNIPEG INTERNATIONAL AIRPORT  
AEROPORT INTERN. DE WINNIPEG

MONTH: SEPTEMBER 1991  
MOIS: SEPTEMBRE 1991

Page 4.

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	Peak Gust Rafale Max	Hour/Dat Heure/Dat.	
1	SSE	S	S	S	S	S	S	S	S	S	S	SSE	SSE	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	70	2303
2	S	S	S	S	S	S	S	S	S	SSW	SSW	W	W	NNW	NNW	NW	NW	NW	NNW	W	WSW	NNW	NNW	S	69	0305	
3	NW	NW	NNW	W	NNW	W	W	W	W	NNW	NNW	NNW	NNW	W	W	W	W	NNW	W	W	WSW	WSW	WSW	NW	56	1040	
4	W	NNW	NNW	NNW	W	W	W	W	W	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	NW	N	NNE	C	WSW	NNW	57	1133	
5	WSW	W	W	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	W	NNW	NW	C	C	C	SSE	52	1520	
6	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	S	SSW	SSW	S	SSE	SSE	SSE	SSE	S	SSW	57	1459	
7	SSE	SSE	SSE	ESE	N	ENE	ENE	NE	NE	ENE	E	E	E	E	E	E	E	E	ESE	ESE	ESE	ESE	SE	SE	63	2238	
8	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	N	NNW	SW	W	NNW	ESE	46	0917	
9	NW	NW	NNW	NW	NW	NNW	NNW	NW	NW	NW	NW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	65	1031
10	NW	NW	NW	NW	N	N	NW	NNW	N	N	N	NNW	N	NNW	W	ESE	SW	SW	S	SSW	S	SSE	S	S	NNW	48	0030
11	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSW	S	44	1157
12	SSE	SSE	S	S	SSW	SW	W	W	NNW	NW	NW	NW	W	NNW	NNW	W	W	W	NNW	S	S	S	S	WNW	39	0717	
13	S	S	SSW	SSW	SSW	SSW	SSE	SSE	S	S	SSE	SE	S	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	43	2111
14	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	E	ESE	E	ENE	ENE	NE	NNE	NNE	NNE	NNE	NNE	C	C	C	E	43	1220
15	WSW	W	SSW	S	WSW	SSW	S	SSW	SW	NNW	NW	NNW	NW	NW	NNW	NW	NNW	NNW	N	NNE	NNE	N	N	N	N	46	2215
16	N	N	N	NNW	NNW	NNW	NNW	N	NNW	N	NNW	NNW	NW	NNW	NNW	NW	NW	NNW	N	N	NNW	NNW	NNW	NNW	NNW	69	1412
17	SW	WSW	SSW	C	C	S	SSE	SE	ESE	ESE	ESE	ESE	W	W	NNW	NNW	NNW	NNW	NNE	NNE	N	N	N	N	N	89	1959
18	N	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	W	W	W	W	W	NNW	78	1347
19	W	W	W	W	W	W	WSW	WSW	W	W	W	W	S	WSW	SW	S	SSW	WSW	SSW	S	S	S	S	S	SW	35	1322
20	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	S	S	S	SSE	SSE	S	S	S	S	72	1135
21	S	S	S	S	S	S	S	S	S	SSW	SSE	ESE	ENE	E	NE	NNE	NNE	NNE	NE	N	N	N	N	NNW	N	67	2234
22	N	N	N	NNW	NNW	NW	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	83	1313
23	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	WSW	C	WSW	SW	SW	SSW	SSW	SSW	WNW	41	1205
24	SSW	SW	SW	SW	WSW	SW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	SW	SSW	SSW	SW	SW	SW	SW	SSW	W	W	NW	82	2232
25	NW	NNW	NW	NNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	98	0315
26	NNW	NNW	NW	NW	NW	NNW	NNW	W	NNW	NNW	NNW	N	NNW	NW	NNW	NW	NNW	NE	ENE	NE	E	ESE	ESE	NW	44	1117	
27	SE	SSE	S	S	SSE	S	C	S	C	W	NNW	W	NNW	W	NNW	NNW	NW	N	NNE	NE	NE	ENE	ENE	ENE	NW	43	1416
28	S	SSE	C	C	C	E	SE	SE	SE	ESE	SE	ESE	SE	ESE	ESE	E	ESE	E	E	E	E	E	E	E	ESE	52	2325
29	ESE	ESE	SE	ESE	SE	SE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	SSE	S	S	S	SSW	NNW	NNW	NNW	B	74	1337
30	NNW	W	WSW	W	W	W	W	W	W	W	W	NNW	NNW	W	W	NNW	NNW	NNW	W	W	WSW	SW	SW	SSW	WNW	70	1059

Note/Avis: 1. Climatological Day/Journée climatologique 0001 C.S.T. - 0000 C.S.T.  
 2. Hours are C.S.T./Les heures sont à l'heure normale de la localité  
 3. Unit/Unité = 1.0 km/h  
 4. C = Calm/Calme  
 5. M = Missing/Manquant  
 6. \* Indicates first of more than one occurrence of the same speed/  
 Indique le premier de plusieurs de la même vitesse

COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS A:		WINNIPEG INTERNATIONAL AIRPORT AÉROPORT INTERN. DE WINNIPEG				MONTH MOIS			SEPTEMBER SEPTEMBRE			19 91		
Temperature/Température — ° Celsius Precipitation/Précipitation — Millimètres/millimètres (mm) Rainfall/Hauteur de pluie — Millimètres/millimètres (mm) Snowfall/Hauteur de neige — Centimètres/centimètres (cm) Wind speed/Vitesse du vent — Kilomètres/h / kilomètres/h (km/h) Station pressure/Pression à la station — Kilopascals (kPa)		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS							
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			YEARS ANNÉES 62	
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE			
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE		29.7	7	32.7	3			38.8	2	1983		120		
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE		-3.5	26	-2.5	29						-8.3	29	1899	120
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		12.0		13.9		12.4	16.8		1948	8.0		1965	120	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		89.4		31.5		53.0	149.6		1941	1.3		1948	120	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		TR		0.0		0.2	18.3		1872	0.0		1988**	120	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		89.4		31.5		53.3	156.2		1872	1.3		1948	120	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		11		9		11	17		1953*	3		1948**	120	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		29.4	22	7.8	20		81.5	6	1972**				120	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		TR	18	0.0			18.3	25	1872				120	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		29.4	22	7.8	20		81.5	6	1886				120	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES		1.3	9	1.7	3*		11.2	20	1970				39	
10 MINUTES		2.7	9	3.4	3		20.8	20	1970				39	
15 MINUTES		3.6	9	3.4	3		29.0	20	1970				39	
30 MINUTES		5.1	22	3.7	3		37.9	20	1970				39	
60 MINUTES		8.3	22	4.4	3		41.1	20	1970				39	
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES		39.4	21/ 22	11.9	17/ 18		81.5	6	1886				120	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		23.9		16.9		18.5	24.6		1943	12.7		1986	71	
MAXIMUM SPEED (2 min. mean) (km/h) VITESSE MAXIMALE (moyenne sur 2 min.) (km/h)		NW63	25	NW 54	24		N 72	23	1942				53	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		NW98	25	NW 76	24		S105	16	1946				44	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		183.7		213.8		184.6	251.9		1940	113.0		1912	110	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.67		98.70		98.51	98.87		1940	98.25		1970	53	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		100.09	19	100.20	29		101.11	25	1940				53	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.06	24	96.90	24					95.64	26	1959	53	
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES													YEARS DERNIÈRE ANNÉES	(10)
YEAR ANNÉE	MAXIMUM TEMP MAXIMALE	MINIMUM TEMP MINIMALE	MEAN TEMP. TEMP MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. TOTALE	MEAN WIND SPEED VITESSE MOYENNE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	SUNSHINE HOURS INSOLATION	HEATING DEGREES-DAYS DE CHAUFFE	GROWING DEGREES-DAYS DE CROISSANCE	COOLING DEGREES-DAYS DE REFRIGÉRATION		
1982	34.5	-3.3	12.2	58.2		58.2	19.8	NW 61	201.1	193.6	216.5	19.1		
1983	38.8	-1.2	12.9	52.8	Tr.	52.8	16.9	WSW 52	161.6	180.6	239.4	27.3		
1984	27.1	-1.7	10.6	55.4	6.6	62.0	14.3	SSE 44	180.6	223.8	178.1	2.3		
1985	24.0	-3.3	10.0	28.5	Tr.	28.5	16.0	S 46	158.6	240.5	155.4	0.1		
1986	24.0	-2.7	11.7	47.5		47.5	12.7	ESE 48	151.7	188.8	201.6	0.4		
1987	29.3	-1.4	14.1	20.0		20.0	12.8	SSE 37	192.7	123.1	272.3	5.4		
1988	27.7	0.1	12.6	61.3		61.3	17.5	N 46	200.4	165.1	227.6	2.7		
1989	31.8	-4.5	13.6	10.0		10.0	15.9	NNW 48	240.8	143.9	259.2	12.7		
1990	32.7	-2.5	13.9	31.5		31.5	16.9	NW 54	213.8	137.5	266.8	14.3		
1991	29.7	-3.5	12.0	89.4	Tr	89.4	23.9	NW 63	183.7	188.7	212.1	9.1		

Notes/Avts: 1. Climatological Day/Journée climatologique 00 01 C.S.T. - 00 00 C.S.T.  
 2. Normal/Normale 1951-1980  
 3. Extremes for period of record/Extrêmes pour la période de registre  
 4. Maximum rainfall recorded in: may overlap calendar days/Hauteur de pluie maximale enregistrée en: peut-être pour plus d'une journée du calendrier  
 5. \*\* Indicates most recent occurrence/Indique le plus récent  
 6. \* Indicates first of more than one occurrence/Indique le premier de plusieurs