



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS SEPTEMBER / SEPTEMBRE

19 76

AT/À WINNIPEG INTERNATIONAL AIRPORT / A L'AÉROPORT INTERN. DE WINNIPEG, MAN.

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: ALTITUDE: 786		FEET (ASL) PIEDS (MER)		STANDARD TIME USED: HEURE NORMALE UTILISÉE: CENTRAL											
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SUNSHINE INSOLATION EFFECTIVE HEURES			
	MAXIMUM MAXIMALE	MINIMUM MINIMALE	MEAN MOYENNE	HEATING DE CHAUFFE	GROWING DE CROISSANCE	MAXIMUM MAXIMALE	MINIMUM MINIMALE		RAINFALL PLUIE (HAUTEUR)	SNOWFALL NEIGE (HAUTEUR)	TOTAL PRECIP. PRÉCIP. TOTALE		AVERAGE SPEED VITESSE MOYENNE	PREVAILING DIRECTION DIRECTION DOMINANTE	MAXIMUM SPEED AND DIRECTION VITESSE MAXIMALE ET DIRECTION				
	°C	°C	°C	BASE 18.0°C	BASE 5.0°C	%	%	mm	cm	mm	cm	km/h		km/h					
1	16.7	4.2	10.5	7.5	5.5	78	29					13.8	E	ESE	22	12.2			
2	23.4	7.2	15.3	2.7	10.3	90	53					23.6	SE	SSE	44	7.9			
3	20.3	8.6	14.5	3.5	9.5	78	39					36.9	W	NW	54	4.4			
4	24.3	6.5	15.4	2.6	10.4	90	28					10.7	W	SE	19*	10.9			
5	29.9	14.0	22.0	0.0	17.0	69	31					23.9	SSE	SSE	35*	9.9			
6	34.5	10.6	22.6	0.0	17.6	78	28					16.8	S	S	28*	10.4			
7	26.7	11.7	19.2	0.0	14.2	88	45	1	1.5	1.5		23.3	SSE, WNW	WNW	35	7.3			
8	16.6	7.8	12.2	5.8	7.2	83	49		Tr.	Tr.		16.8	WSW	WNW	28	4.1			
9	20.8	4.9	12.9	5.1	7.9	78	26					18.0	W	WNW	28	11.4			
10	28.6	8.2	18.4	0.0	13.4	59	17					18.4	SW	W	28	11.4			
11	29.6	5.2	17.4	0.6	12.4	68	22					11.4	SE	S	24	9.3			
12	28.8	11.1	20.0	0.0	15.0	93	36			4.3		22.3	S	NNE	44	5.2			
13	11.3	6.9	9.1	8.9	4.1	95	85			1.0		18.8	N	N	33	0.0			
14	12.1	6.7	9.4	8.6	4.4	97	72			Tr.		6.5	N, calm	SE	13	0.0			
15	22.9	5.8	14.4	3.6	9.4	95	45					20.7	S	S	33	10.9			
16	25.7	10.6	18.2	0.0	13.2	79	31					21.7	S	SSE	30	10.8			
17	29.9	14.8	22.4	0.0	17.4	83	44					17.2	S	S	26*	9.2			
18	28.6	12.6	20.6	0.0	15.6	86	46		Tr.	Tr.		22.5	N	N	43	8.9			
19	16.7	6.9	11.8	6.2	6.8	72	37					20.7	N	NE	37	7.5			
20	21.1	0.6	10.9	7.1	5.9	80	28					23.4	N	N	43	8.5			
21	15.4	-3.6	5.9	12.1	0.9	98	31			.8		10.0	NW	NW	19	4.8			
22	12.1	-1.2	5.5	12.5	0.5	95	43			1.0		23.7	N, NNW	NNW	41	3.8			
23	13.7	-2.9	5.4	12.6	0.4	95	32					16.2	W	W	26	7.0			
24	9.6	-0.6	4.5	13.5	0.0	84	43					18.6	NE	NNE	26*	9.9			
25	13.6	-2.4	5.6	12.4	0.6	97	32			1.0		13.6	NNE, SSE	S	33	1.9			
26	9.6	-2.1	3.8	14.2	0.0	91	45			.3		20.2	N	N	33	3.7			
27	15.1	-3.6	5.8	12.2	0.8	87	31					13.5	SSW	WSW	20*	10.7			
28	25.3	4.7	15.0	3.0	10.0	73	24					22.3	SW	SW	41	8.7			
29	23.7	2.7	13.2	4.8	8.2	97	37					12.5	SE	SSE	22	8.6			
30	28.7	6.7	17.7	.3	12.7	80	24					16.5	NNE, SW	NE	43	8.2			
31																			
MEAN MOYENNE	21.2	5.4	13.3	TOTAL 159.8	TOTAL 251.3	85	38	TOTAL 1	TOTAL 9.9	TOTAL	TOTAL 9.9		PREVAILING SOUTH DOMINANT	MAXIMUM NW 54	TOTAL 227.5				
NORMAL NORMALE	18.4	6.6	12.6	172.8	226.7			2.2	52.6	.3	52.6		SOUTH		182.6				
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE:				
BELOW 18°C AU-DESSOUS DE 18°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	TOTALS:											
								0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS	0.2 OR MORE OU PLUS	1.0 OR MORE OU PLUS	2.0 OR MORE OU PLUS	10.0 OR MORE OU PLUS	50.0 OR MORE OU PLUS		
TOTAL FOR MONTH TOTAL DU MOIS	159.8	213.4	172.8	TOTAL FOR MONTH TOTAL DU MOIS	251.3	180.5	226.7	7	5	1	0	0							
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET	206.2	291.6	230.1	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL	1826.5	1669.4	1691.3												

UDC 551.506.1 () * Indicates more than one occurrence of same speed but not necessarily the same direction.

COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS		SEPTEMBER / SEPTEMBRE		RECORD FOR THE MONTH RECORD POUR LE MOIS						YEARS OF RECORD D'OBSERVATIONS	
Temperature/Température Précipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU			
— °Celsius — Millimetres (mm) — Millimetres (mm) — Centimetres (cm) — Kilometres per hour (km/h) — Kilopascals (kPa)		VALUE RELEVÉ	DATE	VALUE RELEVÉ	DATE		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		34.5	6	27.2	14	30.0	37.2	7	1906	21.7	1	1884	105
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-3.6	21,27	-2.2	13	-2.2	2.8	27,28	1968	-8.3	29	1899	105
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		13.3		10.9		12.6	16.8		1948	8.0		1965	105
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		9.9		41.8		52.6	149.6		1941	1.3		1948	105
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		Nil		Tr.		.3	18.3		1872	Nil		SVLE	105
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		9.9		41.8		52.6	156.2		1872	1.3		1948	105
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		7		12		10	17		1941	3		1897	93
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		4.3	12	12.2			81.5	6	1886				105
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		----		Tr.			18.3	25	1872				105
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		4.3	12	12.2			81.5	6	1886				105
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES		.5	7	2.8	2,4		12.4	20	1970				18
10 MINUTES		.8	12	4.3	2		23.4	20	1970				18
15 MINUTES		1.3	12	6.4	2		29.7	20	1970				18
30 MINUTES		1.8	12	10.9	2		44.2	20	1970				18
60 MINUTES		2.8	12	11.9	2		47.8	20	1970				18
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		5.3	12-13	12.2	2		81.5	6	1886				105
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		18.5		18.7		18.8	24.6		1943	13.2		1925	56
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		NW 54	3	NNW 51	30	56	N 72	23	1942				38
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		WNW 76	3	NNW 66	30	79	S 105	16	1946				32
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		227.5		180.3		182.6	251.9		1940	113.0		1912	77
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.6		98.7		98.5	98.9		1940	98.3		1970	38
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.7	14	100.0	24	100.1	101.1	25	1940				38
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.8	2	96.3	18	96.7				95.6	26	1959	38
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													YEARS DERNIÈRE ANNÉES
YEAR ANNÉE	MAXIMUM TEMP. MAXIMALE	MINIMUM TEMP. MINIMALE	MEAN TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECI. TOTALE	MEAN WINDSPEED VITESSE MOYENNE DES VENTS	MAXIMUM WINDSPEED VITESSE MAXIMALE DES VENTS	HOURS SUNSHINE HEURES INSOLATION	HEATING DEGREE-DAYS DEGRÉS-JOURS DE CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE		
1967	31.1	-3.3	15.7	22.6		22.6	21.9	S 63	245.5	92.2	323.9		
1968	28.9	2.8	13.7	58.7		58.7	18.3	S 42	173.7	135.6	263.9		
1969	29.4	-2.8	12.7	61.0		61.0	19.6	S 50	173.8	170.6	238.9		
1970	32.2	-1.7	12.8	112.0		112.0	17.2	W 42	166.9	170.6	238.9		
1971	30.6	-2.2	13.3	49.8		49.8	15.6	S 39	187.0	146.1	255.0		
1972	26.1	-2.8	10.3	60.2	.8	61.2	17.5	WNW45	158.3	228.3	171.7		
1973	25.6	-3.9	12.0	82.0		82.0	18.0	NW 51	206.6	180.6	215.6		
1974	28.9	-4.4	9.8	42.9	2.8	46.0	16.3	NNW58	166.6	240.0	159.4		
1975	27.2	-2.2	10.9	41.8	Tr.	41.8	18.7	NNW51	180.3	213.4	180.5		
1976	34.5	-3.6	13.3	9.9		9.9	18.5	NW 54	227.5	159.8	251.3		

METEOROLOGICAL SUMMARY FOR SEPTEMBER 1976AT WINNIPEG, MANITOBA

September weather was warmer, drier and sunnier than usual. Three record-breaking heat waves warmed Winnipeg during the month. Hottest day was September 6 with a record maximum of 34.5C. September 17 was also hottest on record with 29.9C and the month ended with another record for September 30 at 28.7C.

Rainfall amounted to only 9.9 mm to make this the driest September since 1948 when 1.3 mm of rain was measured.

Sunshine was above normal for the seventh month in a row. The sun shone on Winnipeg for 227.5 hours compared to normal September sunshine of 182.6 hours.

Afternoon temperatures averaged three degrees above normal, but the overnight lows averaged one degree colder than usual. That gave a monthly mean of 13.3C compared to a normal September mean of 12.6C. First killing frost came on September 21 with a minimum of minus 3.6C.

The average relative humidity of 59 per cent was the lowest average since records began in 1913.

DAILY WEATHER SUMMARY FOR SEPTEMBER 1976AT WINNIPEG, MANITOBA

1. Cool. Mostly sunny. Light winds.
2. Near normal temperatures. Partly cloudy. Gusty winds afternoon and evening.
3. Below normal temperatures. Mostly cloudy. Strong gusty west-northwest winds.
4. Normal temperatures. Mostly sunny with light winds.
5. Warm. Mostly sunny. Moderate winds in the afternoon.
6. Warm. Sunny. Mostly light winds. Record high temperature.
7. Above normal temperature. Partly cloudy. Showers 8:51 a.m. to 9:11 a.m. 3:17 p.m. to 5:05 p.m. Thunder 9:18 a.m. to 9:44 a.m. Gusty WNW winds.
8. Below normal temperatures. Mostly cloudy. Drizzle 6:39 p.m. to 6:52 p.m. Showers 8:10 p.m. to 8:22 p.m. Gusty NW wind mid-day.
9. Below normal temperatures. Mostly sunny. Gusty west wind mid-day.
10. Above normal temperatures. Sunny. Gusty west-southwest wind in afternoon.
11. Above normal temperatures. Sunny. Mostly light winds.
12. Warm. Partly cloudy. Rain or showers 6:45 p.m. continued. Strong winds in afternoon and evening.
13. Below normal temperatures. Cloudy. Rain to 1:17 a.m. Drizzle 3:15 a.m. to 7:24 p.m. Strong winds in morning.
14. Below normal temperature. Cloudy. Light winds. Drizzle 3:52 a.m. to 7:17 a.m.
15. Above normal temperatures. Mostly sunny. Gusty south winds mid-day.
16. Warm. Mostly sunny. Gusty south-southeast winds in evening.
17. Warm. Record high temperatures. Partly cloudy. Gusty south wind in morning.
18. Warm. Partly cloudy. Haze in afternoon. Showers 9:45 p.m. to 9:46 p.m. Strong gusty north-northeast winds in afternoon and evening.
19. Normal temperatures. Partly cloudy. Gusty northeast wind in early morning.
20. Near normal temperatures. Partly cloudy. Strong winds in the afternoon.
21. Below normal temperatures. Mostly cloudy. Light winds. Showers 10:28 p.m. continued.
22. Below normal temperatures. Mostly cloudy. Showers to 1:24 a.m. Gusty north winds in morning.
23. Below normal temperatures. Partly cloudy. Occasional gusty winds in afternoon.
24. Below normal temperature. Mostly sunny. Occasional gusty winds in afternoon.
25. Below normal temperatures. Mostly cloudy. Smoke in morning. Showers 3:42 p.m. to 4:22 p.m. Gusty winds in afternoon.
26. Cool. Mostly cloudy. Showers 7:34 a.m. to 10:28 a.m. Gusty north winds in afternoon.
27. Below normal temperatures. Sunny. Light winds.
28. Warm. Partly cloudy. Gusty southwest winds.
29. Above normal temperatures. Mostly sunny. Smoke from burning stubble reducing visibility.
30. Warm. Mostly sunny. Gusty north-northeast winds in evening. Blowing dust reducing visibility in evening.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1976

LOCAL STANDARD TIME ALL TEMPERATURES IN DEGREES CELSIUS

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.	9.4	8.8	7.0	6.2	6.1	5.9	4.8	6.2	7.9	9.9	11.6	11.8	12.8	13.9	14.9	15.7	16.6	16.3	16.0	13.1	10.7	9.2	11.5	9.4
2.	8.4	8.8	8.3	7.7	8.1	7.6	7.4	9.8	12.7	15.4	17.2	19.0	20.2	22.2	21.8	22.3	22.8	22.8	22.9	21.2	18.3	21.6	19.3	17.5
3.	16.8	16.2	16.0	15.7	15.4	15.6	15.5	14.9	15.0	15.5	16.5	16.9	17.2	16.8	16.8	18.1	19.7	19.7	18.7	16.8	13.4	11.3	10.2	10.2
4.	8.8	10.1	9.1	9.4	7.8	6.9	6.7	8.9	11.6	14.8	18.3	20.6	21.4	22.2	22.6	23.4	23.3	22.8	20.9	18.9	16.4	14.4	15.6	15.6
5.	15.2	16.1	16.6	16.0	15.6	15.9	15.3	15.8	16.7	19.3	21.2	22.9	24.3	25.8	27.8	28.2	29.5	29.3	28.4	25.6	23.6	20.5	19.8	19.6
6.	17.3	15.4	14.4	13.7	13.2	11.3	11.6	13.4	17.2	20.7	24.3	27.1	30.0	31.7	32.8	33.9	33.9	32.6	32.1	28.3	26.4	27.3	26.1	24.6
7.	22.6	22.3	21.3	21.4	20.8	21.2	22.7	24.9	25.8	23.3	22.9	23.3	22.8	23.8	25.0	22.3	16.6	14.4	15.6	15.5	15.0	14.2	13.9	12.9
8.	11.7	10.6	10.0	9.4	9.9	8.7	8.2	8.9	10.6	13.3	13.9	14.3	14.2	16.6	15.4	15.5	14.9	14.4	13.4	13.4	11.7	10.9	10.1	9.4
9.	9.1	8.2	7.0	6.3	5.4	5.6	5.4	5.7	8.4	12.1	15.1	16.8	18.9	19.9	19.6	20.3	20.3	20.3	19.3	16.7	15.0	13.7	13.1	12.2
10	11.6	10.6	10.6	11.8	10.8	10.0	8.4	9.9	14.9	19.2	22.2	24.6	25.7	26.8	27.8	28.3	28.3	27.7	26.2	21.9	20.5	17.9	18.4	16.1
11	14.4	12.5	10.4	9.5	8.5	7.8	6.2	8.2	11.7	16.2	20.7	23.4	25.6	26.8	28.4	29.1	27.9	26.2	24.7	21.2	19.6	19.8	20.8	20.6
12	18.8	18.9	17.9	16.8	17.3	17.6	16.8	16.8	17.2	18.9	22.3	24.3	26.6	27.8	28.2	23.8	22.4	19.9	18.4	15.1	14.3	12.9	12.3	11.8
13	11.3	10.5	10.0	9.4	8.8	8.6	8.7	8.6	8.4	8.4	8.8	9.1	8.9	8.8	8.6	8.7	8.4	8.3	8.1	7.7	7.6	7.2	7.3	7.3
14	7.2	7.1	7.2	7.2	7.3	7.5	7.4	7.6	7.9	8.6	9.3	9.7	9.9	10.4	10.9	11.7	11.9	11.9	11.8	11.5	11.0	10.3	10.7	10.5
15	8.9	8.3	7.3	7.3	6.7	6.4	6.1	7.1	9.2	11.1	13.8	15.6	17.1	19.3	20.2	21.6	22.3	22.3	21.0	19.1	18.3	18.8	17.3	16.6
16	15.8	15.2	13.9	12.6	11.6	11.3	10.7	11.3	13.4	15.8	18.8	21.8	23.9	25.3	25.3	23.8	24.1	23.8	22.1	18.9	18.4	18.3	17.8	16.7
17	16.2	15.6	16.3	16.1	15.7	15.3	15.4	15.2	16.1	17.7	19.4	21.8	23.4	24.8	26.7	29.0	29.4	28.3	26.7	24.0	20.2	19.3	18.3	17.3
18	16.0	14.8	17.5	17.5	17.6	17.1	15.7	16.5	18.5	21.6	24.1	25.6	27.2	27.8	27.2	25.6	20.2	17.1	15.9	14.4	13.8	13.1	12.8	12.9
19	12.7	12.3	12.2	12.0	11.9	10.7	9.1	8.6	9.9	11.8	13.3	13.7	15.2	16.3	15.0	15.9	16.1	14.9	13.8	10.5	9.7	7.8	7.4	7.4
20	7.5	8.8	8.9	8.7	8.9	9.4	9.8	9.9	11.2	15.4	17.8	18.9	19.7	20.3	17.2	18.5	16.7	16.2	14.8	11.3	9.0	8.0	5.7	3.8
21	1.3	1.7	1.4	-1.8	-1.7	-1.1	-1.9	-2.8	1.1	6.7	10.0	11.0	11.7	12.8	14.3	14.8	14.3	14.1	13.9	11.7	11.1	11.1	11.6	10.8
22	9.0	8.1	7.8	5.5	4.6	4.4	7.1	6.3	7.0	7.2	7.4	8.9	10.6	11.0	10.3	10.2	9.4	9.2	8.3	4.3	4.0	2.2	.9	.1
23	-1.1	-1.8	-1.5	-2.8	.5	1.7	1.9	3.4	4.3	5.0	7.8	9.9	10.5	10.1	10.6	13.0	13.0	13.3	12.2	9.6	8.1	7.2	6.2	7.2
24	6.1	4.6	2.1	.6	2.8	2.2	1.0	1.6	3.9	5.7	5.9	7.7	7.8	8.4	8.4	8.9	8.9	7.8	6.7	3.9	2.6	1.9	1.6	.4
25	1.9	1.1	.3	-.1	-.7	-1.6	-2.2	-1.1	2.0	4.9	8.6	12.1	11.7	12.7	12.9	12.2	10.0	10.1	10.0	7.4	6.3	2.4	2.8	3.2
26	9.1	3.3	2.9	4.6	5.6	6.1	6.2	6.1	5.7	5.5	4.5	5.0	6.2	7.2	8.2	9.0	8.3	7.5	6.3	1.1	.7	1.1	2.5	1.3
27	-1.7	-3.3	-2.2	-2.0	-2.1	-1.2	-2.2	-2.3	.6	4.6	6.9	8.9	11.4	12.3	13.4	14.4	14.9	14.3	12.7	10.0	9.0	9.4	8.8	7.8
28	8.3	7.2	6.2	5.6	5.7	6.1	5.1	5.6	7.6	11.7	16.8	19.2	21.6	23.3	24.1	24.7	24.9	24.3	21.5	20.8	16.2	15.0	12.4	10.4
29	7.8	5.6	8.4	6.4	3.9	4.2	4.4	3.1	8.2	13.4	15.6	17.6	18.9	21.1	21.8	23.1	22.6	22.8	20.4	16.8	15.0	17.7	16.6	13.7
30	11.7	10.1	9.4	9.4	10.2	8.9	7.2	7.2	11.4	15.8	19.4	21.6	24.5	26.9	28.2	27.8	27.7	25.4	19.3	16.7	14.7	13.4	12.6	11.4

MEAN 10.3 9.6 9.2 8.7 8.6 8.3 7.9 8.4 10.5 13.1 15.2 16.8 18.0 19.1 19.5 19.8 19.3 18.7 17.4 14.9 13.4 12.6 12.1 11.2

HOURLY WETBULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1976 PAGE 5
 LOCAL STANDARD TIME ALL TEMPERATURES IN DEGREES CELSIUS

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.	5.9	5.8	4.8	6.4	6.0	3.4	3.2	4.1	5.1	6.0	6.7	6.7	7.4	7.4	7.7	7.8	8.9	8.7	9.1	7.8	7.2	6.6	6.4	6.1
2.	6.6	6.7	6.4	6.1	6.4	6.3	6.6	8.2	10.2	12.1	13.3	14.4	15.2	16.1	15.7	16.1	16.8	16.9	17.3	16.7	15.4	15.9	13.5	12.9
3.	12.7	12.4	12.2	12.1	11.8	11.6	11.6	11.2	10.4	11.1	11.8	11.9	12.2	12.2	12.6	12.9	12.8	12.2	11.4	10.6	9.4	8.3	7.7	7.9
4.	7.1	8.4	8.2	8.3	7.1	6.2	5.7	7.5	9.2	11.1	12.3	13.0	12.2	12.8	12.7	13.2	12.7	13.2	13.2	12.5	10.9	10.2	10.1	10.3
5.	10.4	11.2	11.5	11.2	11.1	11.2	11.2	11.2	11.7	12.8	13.8	14.4	15.3	16.3	17.0	17.0	17.8	17.8	18.1	16.9	16.3	15.3	15.1	14.9
6.	13.9	12.9	11.6	11.2	10.6	9.3	9.4	11.0	13.1	14.9	16.7	17.9	18.8	19.8	19.5	20.4	21.2	20.0	19.5	17.8	17.2	16.8	16.7	16.7
7.	16.5	16.8	16.3	16.6	16.6	16.2	16.0	16.1	17.5	17.6	16.8	17.8	16.8	16.6	17.6	15.0	13.9	13.3	14.1	13.9	13.8	12.3	10.6	9.4
8.	8.9	8.2	7.8	7.4	7.6	7.0	6.7	7.3	8.6	10.0	10.1	10.0	9.9	11.2	10.6	10.0	9.6	9.5	9.4	8.9	9.2	8.5	8.0	7.0
9.	6.6	5.9	5.1	4.5	3.8	3.8	3.8	3.9	5.7	8.2	9.8	10.2	10.1	10.6	10.1	10.7	10.8	10.6	9.3	8.6	9.3	7.3	7.3	6.6
10.	6.6	6.1	6.1	6.7	6.1	5.7	5.0	6.0	9.0	11.2	12.3	13.2	13.3	13.9	14.3	14.1	13.9	13.8	13.2	11.6	10.6	9.7	9.4	8.6
11.	7.7	7.3	6.0	5.4	4.6	4.5	3.4	5.6	7.4	9.9	12.2	13.4	14.4	15.0	15.6	15.7	16.3	16.2	15.5	13.5	12.1	11.5	11.6	11.6
12.	11.0	11.1	10.7	10.3	10.7	10.9	10.9	11.1	11.6	13.1	14.7	15.8	17.3	17.8	18.1	15.2	15.6	13.9	13.7	12.8	12.3	12.2	11.8	11.2
13.	10.8	10.0	9.4	8.9	8.4	8.3	8.3	8.1	8.1	7.6	8.2	7.9	7.8	8.2	7.9	7.9	8.0	7.8	7.8	7.3	7.1	6.7	6.7	6.9
14.	6.7	6.6	6.8	6.8	7.1	7.3	7.2	7.3	7.6	7.9	7.9	7.9	8.2	8.8	9.0	9.2	9.3	9.6	9.3	9.3	9.0	8.7	8.9	8.8
15.	7.7	7.2	6.6	6.7	6.2	6.0	5.8	6.8	8.4	9.8	11.4	12.3	13.1	14.2	14.5	15.0	15.0	15.2	14.7	13.8	13.3	12.9	12.7	12.1
16.	11.7	11.3	10.7	10.1	9.4	9.3	8.9	9.4	10.7	12.0	13.7	15.6	16.4	16.7	16.0	13.6	13.9	14.1	13.3	12.5	12.4	12.3	11.9	11.4
17.	11.0	10.9	11.6	11.3	11.0	10.6	10.7	11.1	11.8	12.8	14.2	15.8	16.8	17.7	18.8	20.0	20.8	20.0	19.3	18.1	16.4	15.8	15.6	15.0
18.	14.3	13.4	14.1	13.9	14.1	13.9	13.3	13.4	14.9	16.6	17.8	18.7	19.2	19.5	19.0	19.0	16.3	13.4	12.1	10.8	10.5	10.1	10.2	9.4
19.	9.1	8.2	8.2	8.2	8.0	7.2	6.4	6.2	7.0	8.3	8.6	8.7	9.4	9.1	8.6	8.8	9.0	9.4	8.4	6.7	5.7	4.8	5.0	5.1
20.	5.3	5.8	5.7	5.6	5.6	6.2	6.4	6.6	7.8	10.8	11.5	10.1	10.4	10.7	11.0	10.6	9.6	9.8	7.2	5.4	4.3	4.1	3.2	2.1
21.	2.2	2.7	1.1	-2.3	-2.1	-1.7	-2.1	-3.0	0.0	3.9	5.3	6.0	6.6	7.1	7.9	7.3	6.9	7.7	7.9	6.6	6.2	6.1	6.1	6.7
22.	6.6	6.1	6.3	4.4	3.9	3.8	6.1	4.8	4.8	5.1	4.6	5.4	6.0	6.0	5.2	5.1	4.6	4.6	4.8	2.3	2.2	1.0	0.4	-0.2
23.	-1.6	-2.1	-1.7	-3.1	-1.1	1.0	1.3	2.3	2.7	3.2	4.4	4.6	5.3	4.7	5.1	6.4	6.1	6.3	6.1	5.0	3.9	3.3	2.6	2.8
24.	1.8	1.1	-1.1	-0.9	-1.1	1.2	0.0	0.3	1.4	2.6	2.8	3.4	3.4	3.8	3.9	4.0	4.0	3.6	2.9	1.8	0.6	0.1	-0.4	-0.8
25.	-0.1	-0.7	-1.3	-1.7	-2.2	-2.7	-3.2	-2.2	0.1	2.0	4.2	5.7	5.2	6.0	6.6	7.2	7.8	7.6	7.4	6.1	5.4	2.2	2.6	2.2
26.	4.2	2.2	2.2	3.4	4.3	4.7	5.1	4.6	4.6	4.6	3.9	4.0	4.6	4.6	4.4	4.2	3.6	3.6	2.9	0.4	0.7	0.3	0.5	1.6
27.	-2.5	-3.8	-2.8	-2.8	-2.8	-2.2	-2.9	-2.9	-6.2	2.1	3.6	4.6	5.9	6.1	6.7	7.2	7.3	7.1	6.1	4.9	4.2	4.3	3.6	3.2
28.	3.4	2.8	2.3	2.2	2.3	2.7	2.2	2.6	3.6	6.1	8.8	10.2	11.9	12.3	12.8	13.1	13.3	13.3	12.8	12.1	10.7	10.0	8.6	7.7
29.	5.6	3.9	7.0	5.6	3.4	3.9	4.3	2.9	7.5	10.4	11.6	11.8	12.3	13.3	13.6	14.4	14.0	14.4	13.3	11.6	10.6	11.6	10.6	8.9
30.	7.7	6.5	6.1	5.9	6.1	6.1	4.8	4.8	8.1	10.6	12.2	13.3	14.5	15.0	15.4	15.7	15.6	16.1	12.8	10.9	10.2	9.7	9.2	8.6

MEAN 7.2 6.8 6.6 6.2 6.1 6.1 5.9 6.2 7.6 9.1 10.2 10.8 11.3 11.8 11.9 11.9 11.7 11.1 9.9 9.2 8.7 8.2 7.7

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1976

ALL TIMES ARE C.S.T.

HOUR STARTING	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	HOUR
1	ESE 20	ENE 19	ENE 15	ENE 17	E 19	E 19	E 15	E 19	E 19	E 19	ENE 15	ENE 15	ENE 15	SE 7	E 6	SSE 7	E 6	ESE 6	ESE 7	ENE 11	E 15	E 11	ESE 22	ESE 11	SE 61	16 CST
2	SSE 11	SSE 15	SE 11	SE 15	SE 19	SE 15	SE 17	SE 22	SE 24	SE 24	SSE 30	SE 26	SE 30	SE 33	SE 41	SSE 44	SSE 33	SE 28	SE 24	W 4	SE 11	WNW 35	WNW 33	WNW 35	WNW 76	10 CST
3	W 37	W 33	W 37	W 33	W 28	W 37	W 48	W 46	W 48	W 46	W 54	W 46	W 48	W 48	W 52	W 48	W 44	W 44	W 39	W 31	W 15	W 11	W 13	W 13	WNW 76	10 CST
4	W 15	W 15	W 11	W 9	W 11	W 6	W 9	W 11	W 11	W 11	W 13	W 11	W 11	W 9	W 4	W 9	W 7	W 6	W 4	W 7	ESE 17	ESE 13	ESE 19	ESE 19	SSE 48	07 CST
5	SSE 22	SSE 20	SSE 22	SSE 26	SSE 24	SSE 26	SSE 33	SSE 30	SSE 33	SSE 30	SSE 35	SSE 35	SSE 28	SSE 33	SSE 33	SSE 30	SSE 28	SSE 20	SSE 17	SSE 11	SSE 11	SSE 9	SSE 13	SSE 13	S 43	23 CST
6	S 11	S 7	S 9	S 7	S 11	S 15	S 15	S 11	S 15	S 15	S 19	S 15	S 26	S 22	S 22	S 28	S 26	S 17	S 19	S 15	S 22	S 24	SSE 28	SSE 26	WNW 56	15 CST
7	SSE 22	SSE 28	SSE 30	SSE 31	SSE 24	SSE 20	SSE 28	SSE 22	SSE 26	SSE 24	SSE 24	SSE 24	SSE 28	SSE 28	SSE 35	SSE 33	SSE 28	SSE 17	SSE 11	SSE 11	SSE 11	SSE 15	SSE 19	SSE 20	WNW 37	11 CST
8	W 19	W 15	W 19	W 17	W 19	W 20	W 22	W 22	W 22	W 22	W 24	W 22	W 22	W 26	W 24	W 24	W 24	W 15	W 11	W 7	W 4	W 6	W 7	W 13	W 44	13 CST
9	W 13	W 15	W 15	W 15	W 20	W 20	W 20	W 19	W 15	W 15	W 15	W 15	W 26	W 28	W 24	W 24	W 26	W 20	W 22	W 13	W 13	W 15	W 11	W 17	WSW 37	17 CST
10	SW 22	SW 17	SW 19	SW 17	SW 19	SW 11	SW 15	SW 20	SW 19	SW 24	SW 28	SW 22	SW 22	SW 24	SW 24	SW 24	SW 20	SW 13	SW 11	SW 11	SW 13	SW 15	SW 15	SW 13	SSE 33	22 CST
11	SW 15	SW 6	SW 7	SW 7	SW -9	SW 7	SW 4	SW 0	SW 4	SW 7	SW 15	SW 17	SW 17	SW 15	SW 11	SW 11	SW 11	SW 11	SW 11	SW 15	SW 13	SW 17	SW 19	SW 24	NNE 54	17 CST
12	SSE 20	SSE 19	SSE 22	SSE 24	SSE 19	SSE 19	SSE 15	SSE 15	SSE 15	SSE 7	SSE 7	SSE 7	SSE 7	SSE 0	SSE 7	SSE 41	SSE 39	SSE 37	SSE 44	SSE 39	SSE 37	SSE 26	SSE 26	SSE 30	N 41	07 CST
13	N 31	N 28	N 30	N 26	N 26	N 20	N 26	N 22	N 17	N 20	N 15	N 15	N 13	N 15	N 13	N 15	N 15	N 17	N 17	N 13	N 13	N 11	N 7	N 7	N 41	07 CST
14	N 9	N 9	N 2	N 7	N 7	N 9	N 6	N 4	N 0	N 0	N 0	N 0	N 0	N 7	N 0	N 7	N 9	N 11	N 11	N 7	N 11	N 9	N 13	N 11	S 46	13 CST
15	SSE 13	SSE 9	SSE 7	SSE 7	SSE 9	SSE 11	SSE 15	SSE 19	SSE 22	SSE 31	SSE 24	SSE 33	SSE 30	SSE 30	SSE 31	SSE 30	SSE 28	SSE 26	SSE 20	SSE 24	SSE 24	SSE 24	SSE 22	SSE 26	S 46	13 CST

16	SSW	SSW	S	S	S	S	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	39	15	CST		
17	S	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SW	C	SE	SE	SE	SE	N	NNE	NNE	C	S	33	06	CST	
18	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	N	NNE	N	N	N	N	N	N	N	N	N	NNE	59	16	CST	
19	NNE	NE	NE	NNE	NNE	N	NNE	NNE	N	N	N	N	N	NNE	N	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NE	56	01	CST	
20	SW	SW	SW	SW	SW	W	W	NW	NNE	NNE	NNE	NNE	NNE	N	NNE	N	NNE	N	NNE	N	N	N	N	NE	59	17	CST	
21	NNE	N	N	NW	N	NW	NW	WSW	N	N	NW	NW	NW	NW	NW	NW	NW	NW	SE	SE	SE	SE	SE	SSE	SSE	ESE	ESE	
22	ESE	SE	ESE	E	NNE	N	N	NNE	N	N	NNE	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	N	54	07	CST	
23	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	WSW	35	14	CST
24	SW	W	NW	NNE	N	NNE	N	NNE	N	N	NNE	N	N	NNE	N	N	N	N	ENE	ENE	ENE	ENE	E	SSE	N	35	08	CST
25	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	41	13	CST	
26	NW	NNE	NNE	N	N	N	N	N	N	N	N	N	N	NNE	N	NNE	NNE	NNE	NNE	N	NNE	N	N	N	N	39	15	CST
27	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	SW	54	13	CST
28	SSW	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	54	13	CST
29	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	SW	54	13	CST
30	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NNE	57	18	CST
SUM																												
MEAN 17.517.015.815.016.415.915.616.619.118.820.620.722.622.222.423.623.621.218.915.115.916.416.316.7																												

