



Fisheries and Environment Canada / Pêches et Environnement Canada

Atmospheric Environment / Environnement atmosphérique

MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS SEPTEMBER / SEPTEMBRE

19 79

AT/A WINNIPEG INTERNATIONAL AIRPORT / A L'AEROPORT INTERN. WPG.

LAT: 49 ° 54N			LONG: 97 14W			ELEVATION: 239.6 METRES (ASL) ALTITUDE: 239.6 MÈTRES (NMM)			STANDARD TIME USED: CENTRAL HEURE NORMALE UTILISÉE:										
DATE	TEMPERATURE TEMPÉRATURE			DEGREE-DAYS DEGRÉS-JOURS		REL. HUMIDITY HUMIDITÉ REL.		THUNDERSTORM ORAGE	PRECIPITATION PRÉCIPITATIONS			SNOW ON GROUND NEIGE AU SOL	WIND VENT			BRIGHT SHINING 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 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	HOURS HEURES				
1	23.4	14.4	18.9	0.0	13.9	98	74	10.6		10.6		17.7	NNW	NNW 31	2.3				
2	14.4	11.0	12.7	5.3	7.7	87	73					17.7	N	NNW 31	0.0				
3	17.0	8.4	12.7	5.3	7.7	93	78	1.2		1.2		9.0	SE	SSE 19	0.7				
4	25.6	14.5	20.1	0.0	15.1	96	76	Tr.		Tr.		16.6	SE	SSE 28	0.8				
5	24.4	9.2	16.8	1.2	11.8	98	36					22.9	W	NNW 43	10.9				
6	15.7	5.2	10.5	7.5	5.5	92	43	Tr.		Tr.		19.7	NNW	NNW 31	9.7				
7	17.0	2.0	9.5	8.5	4.5	97	47	Tr.		Tr.		5.3	calm	S 17	9.3				
8	22.8	8.9	15.9	2.1	10.9	95	50					17.5	S	SSW 28*	12.2				
9	18.4	7.0	12.7	5.3	7.7	100	61	1	2.0	2.0		18.0	NE	ENE 37	1.4				
10	15.4	8.5	12.0	6.0	7.0	91	56		0.5	0.5		19.2	SE	ESE 28	0.8				
11	19.5	8.6	14.1	3.9	9.1	98	50		6.6	6.6		18.1	WNW	WNW 30	8.2				
12	15.6	7.9	11.8	6.2	6.8	93	56		1.0	1.0		18.4	W	WNW 31	4.4				
13	13.5	4.6	9.1	8.9	4.1	94	64		1.6	1.6		18.1	NNW	NNW 30	2.5				
14	21.3	2.3	11.8	6.2	6.8	91	33		0.2	0.2		17.7	W	W 33	4.0				
15	24.3	7.2	15.8	2.2	10.8	95	44					8.4	S	S 20*	10.3				
16	32.8	12.5	22.7	0.0	17.7	71	21					21.8	S	SSW 30	11.7				
17	21.7	7.9	14.8	3.2	9.8	86	39	0.8		0.8		32.5	NW	WNW 52	9.9				
18	13.8	1.5	7.7	10.3	2.7	87	56					13.8	N	NNE 33	3.3				
19	23.1	5.1	14.1	3.9	9.1	86	38					25.1	SSW	SSW 41*	8.4				
20	16.5	4.1	10.3	7.7	5.3	92	46					23.4	NNW	NNW 44	6.2				
21	18.0	2.5	10.3	7.7	5.3	85	29					11.2	W, NW	WNW 22*	10.6				
22	17.4	5.5	11.5	6.5	6.5	92	48					7.6	ESE, SE	ESE 17*	3.9				
23	20.4	3.0	11.7	6.3	6.7	94	47					10.2	SE	WNW 20	9.6				
24	21.6	6.0	13.8	4.2	8.8	92	30					19.6	WNW	NW 30*	10.9				
25	21.5	7.5	14.5	3.5	9.5	77	28					16.5	WNW+	N 30	10.9				
26	25.8	6.4	16.1	1.9	11.1	77	33					20.2	S	S 39	9.1				
27	15.2	5.1	10.2	7.8	5.2	92	61	0.4		0.4		25.3	NNE	NNE 46	2.1				
28	10.8	3.0	6.9	11.1	1.9	80	58	Tr.		Tr.		13.9	NNE	S 35	4.4				
29	17.0	6.5	11.8	6.2	6.8	87	43	Tr.		Tr.		27.0	WNW	NW 50	7.6				
30	16.4	1.3	8.9	9.1	3.9	91	44					15.0	SW	ENE 41*	3.8				
31																			
MEAN MOYENNE	19.3	6.6	13.0	TOTAL 158.0	TOTAL 239.7	90	49	TOTAL 2	TOTAL 24.9	TOTAL 24.9		17.6	PREVAILING DOMINANTE WNW	MAXIMUM WNW 52	TOTAL 189.9				
NORMAL NORMALE	18.4	6.6	12.6	174.8	229.8	91*	49*	2.2	52.6	0.3	52.6	18.8	S	55	182.6				
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS										DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: JOURS AVEC CHÛTE DE NEIGE: cm				
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	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	158.0	132.1	174.8	TOTAL FOR MONTH TOTAL DU MOIS	239.7	288.7	229.8	10	6	3	1	0	0	0	0	0	0		
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{ER} JUILLET	240.3	227.8	233.2	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{ER} AVRIL	1537.4	1779.6	1692	2	2	2	1	0	0	0	0	0	0		

UOC 551.506.1 (

) +25th - Prevailing Direction: NNW also
Subscription Price: \$1.00 monthly; \$10.00 per calendar year (January to December)
Prix d'abonnement: mensuel \$1.00; annuel \$10.00 (janvier à décembre)

*Sept. 4th - Tornado at Fairford

*Indicates more than one occurrence of same speed but not necessarily the same direction.

COMPARATIVE RECORDS
RELEVÉS COMPARATIFS

MONTH
MOIS SEPTEMBER / SEPTEMBRE

19 79

Temperature Température Precipitation Précipitation Rainfall Hauteur de pluie Snowfall Hauteur de neige Wind speed Vitesse du vent Station pressure Pression à la station	Celsius Millimetres (mm) Millimètres (mm) Centimetres (cm) Kilometres per hour (km/h) Kilopascals (kPa)	THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS						YEARS OF RECORD ANNÉES D'OPÉRATIONS	
		VALUE RELEVÉ	DATE	VALUE RELEVÉ	DATE		HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU				
							VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE		
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		32.8	16	36.2	5	29.1	37.2	1	1929	21.7	1	1884	108	
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		1.3	30	1.8	21	-2.5	2.8	7	1906	-8.3	29	1899	108	
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		13.0		14.6		12.6	16.8	20	1948	8.0		1965	108	
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		24.9		82.6		52.6	149.6		1941	1.3		1948	108	
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE						0.3	18.3		1872	Nil	several		108	
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		24.9		82.6		52.6	156.2		1872	1.3		1948	108	
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		10		11		10	17		1941-1953	3		1897-1948	96	
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		10.6	1	55.0	12		81.5	6	1886				108	
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE							18.3	25	1872				108	
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		10.6	1	55.0	12		81.5	6	1886				108	
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:														
5 MINUTES		3.8	1	1.9	12		12.4	20	1970				21	
10 MINUTES		4.9	1	2.3	12		23.4	20	1970				21	
15 MINUTES		7.2	1	3.3	12		29.7	20	1970				21	
30 MINUTES		8.3	1	4.7	12		44.2	20	1970				21	
60 MINUTES		8.7	1	8.5	12		47.8	20	1970				21	
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		10.6	1	57.8	12-13		81.5	6	1886				108	
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)		17.6		17.8		18.8	24.6		1943	13.2		1925	59	
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)		WNW52	17	E 54	12	55	N 72	23	1942				41	
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)		WNW76	29	E 80	11	78	S105	16	1946				35	
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		189.9		202.4		182.6	251.9		1940	113.0		1912	80	
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		98.50		98.34		98.52	98.87		1940	98.25		1970	41	
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)		99.75	18	100.06	24	100.05	101.11	25	1940				41	
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		96.64	1	97.09	19	96.69				95.64	26	1959	41	
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES														
TEN (10) DIX YEARS DERNIÈRE ANNÉES														
YEAR ANNÉE	MAXIMUM TEMP. TEMP. MAXIMALE	MINIMUM TEMP. TEMP. MINIMALE	MEAN TEMP. 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 CHAUFFÉ	GROWING DEGREE DAYS DEGRÉS JOURS DE CROISSANCE			
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	0.8	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			
1977	25.4	0.1	12.4	148.2		148.2	16.1	NNW52	136.3	170.5	220.5			
1978	36.2	1.8	14.6	82.6		82.6	17.8	E 54	202.4	132.1	288.7			
1979	32.8	1.3	13.0	24.9		24.9	17.6	WNW52	189.9	158.0	239.7			

September was warm and dry. Only 24.9 MM of rainfall was recorded in comparison to the normal 52.6 MM. The mean temperature was 13.0 a little above the normal of 12.6. The maximum of 32.8 on the 16th broke the all-time high of 30.6 set in 1946. Sunshine with 189.9 hours was slightly above normal while the mean windspeed of 17.6 Km/h was 1.2 Km below normal. There were 10 days with measurable precipitation which is normal for the month.

DAILY WEATHER SUMMARY FOR SEPTEMBER 1979AT WINNIPEG, MANITOBA

1. Above normal temperatures. Mostly cloudy. Thunder 10:29 a.m. to 12:07 p.m. Showers sometimes heavy 10:50 a.m. to 12:10 p.m., 4:10 p.m. to 7:24 p.m. Mostly light winds but gusty NNW wind late evening. Airport power house and school hit by lightning in afternoon. Visibility reduced in showers.
2. Below normal temperatures. Cloudy. Mostly light winds.
3. Below normal temperatures. Cloudy. Rain or showers 9:49 a.m. to 5:25 p.m. Light winds.
4. Above normal temperatures. Cloudy. Drizzle 5:40 p.m. to 7:29 p.m. Mostly light winds. Tornado reported at Fairford, Manitoba.
5. Above normal temperatures. Mostly sunny, but thick fog 2:40 a.m. to 3:10 a.m. Moderate gusty west to north-northwest winds afternoon and evening.
6. Below normal temperatures. Sunny becoming cloudy late afternoon. Drizzle 3:18 a.m. to 4:55 a.m. Showers 6:20 p.m. to 7:20 p.m. Moderate winds.
7. Below normal temperatures. Partly cloudy. Showers 7:20 p.m. to 9:15 p.m. Light winds.
8. Above normal temperatures. Sunny. Mostly light winds.
9. Below normal temperatures. Mostly cloudy. Heavy fog 3:40 a.m. to 5:05 a.m. Thunder 4:15 p.m. to 5:23 p.m. Showers 4:03 p.m. to 5:46 p.m.
10. Below normal temperatures. Cloudy. Showers or light rain 3:44 p.m. to 11:42 p.m. Mostly light winds.
11. Near normal temperatures. Partly cloudy. Rain or light drizzle 00:47 a.m. to 7:50 a.m. Showers sometimes heavy 8:15 p.m. to 9:12 p.m. Light fog in morning and visibility restricted. Mostly light winds.
12. Below normal temperatures. Mostly cloudy. Showers 3:50 p.m. to 11:08 p.m. Mostly light winds but gusty west to northwest winds in afternoon and evening.
13. Below normal temperatures. Mostly cloudy. Light rain or showers 2:46 a.m. to 12:41 p.m., 1:11 p.m. to 5:15 p.m. Mostly light winds but occasional gusty NNW winds.
14. Near normal temperatures. Mostly cloudy. Showers 12:14 p.m. to 12:39 p.m., 5:40 p.m. to 5:45 p.m. Mostly light winds but gusty west winds in afternoon.
15. Above normal temperatures. Sunny. Mostly light winds.
16. Record breaking high temperature. Sunny. Moderate winds. Gusty south winds in the morning.
17. Above normal temperatures. Mostly sunny. Showers 4:52 a.m. to 5:00 a.m., 7:40 p.m. to 8:40 p.m. Moderate winds. Gusty WNW to NNW winds. Lightning in the morning.
18. Below normal temperatures. Mostly cloudy. Mostly light winds. Smoke over city in the evening.
19. Above normal temperatures. Mostly sunny. Moderate winds. Gusty SSW winds.
20. Slightly below normal temperatures. Partly cloudy. Moderate gusty NNW winds late morning and early afternoon.
21. Slightly below normal temperatures. Mostly sunny. Mostly light winds.
22. Slightly above normal temperatures. Mostly cloudy. Light winds.
23. Slightly above normal temperatures. Mostly sunny. Mostly light winds.
24. Above normal temperatures. Mostly sunny. Mostly light winds but gusty NW winds in the afternoon.
25. Above normal temperatures. Mostly sunny. Mostly light winds. Smoke over the city in the evening.
26. Above normal temperatures. Mostly sunny. Moderate winds. Gusty south winds in the afternoon.
27. Near normal temperatures. Mostly cloudy. Showers or light rain 1:49 p.m. to 3:32 p.m. Moderate winds. Gusty NNE winds in the morning and afternoon.
28. Below normal temperatures. Cloudy clearing in the afternoon. Showers 11:57 p.m. continued. Mostly light winds but strong gusty south wind in late evening.
29. Above normal temperatures. Sunny in morning. Cloudy in afternoon. Moderate winds. Gusty WNW to NW winds to 76 Kms. Showers to 3:25 a.m.
30. Near normal temperatures. Partly cloudy. Mostly light winds but gusty NE wind in afternoon.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1979

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.	18.8	17.8	18.0	16.8	17.5	17.6	17.4	18.3	18.5	21.1	21.9	20.5	19.0	20.8	21.4	20.0	20.5	18.3	17.6	17.4	16.5	15.9	15.4	14.9
2.	14.4	13.8	13.3	13.0	12.7	11.8	11.2	11.0	11.4	11.5	12.5	12.5	12.2	13.3	13.5	13.5	13.1	12.7	12.8	12.6	12.6	12.6	12.6	12.6
3.	12.4	11.7	11.2	8.8	9.3	10.4	10.8	11.3	12.0	12.5	13.1	13.9	14.9	13.4	14.5	15.8	15.7	15.9	16.2	15.8	15.1	15.0	14.8	14.7
4.	14.7	14.5	15.0	15.0	14.5	14.5	14.5	15.3	16.0	17.4	19.5	21.9	23.5	24.7	25.1	22.8	21.7	20.9	19.9	18.4	18.0	16.6	16.2	15.4
5.	15.0	14.3	12.6	11.7	11.5	11.7	11.1	12.5	13.9	17.2	20.2	22.5	23.5	23.9	23.8	23.7	23.6	19.2	17.6	14.6	13.1	11.8	10.1	10.0
6.	9.2	8.5	8.7	8.7	8.7	8.0	6.0	6.0	8.1	9.8	9.8	11.6	13.0	13.9	14.3	15.1	13.7	13.5	12.8	10.3	9.8	8.0	9.0	9.2
7.	8.5	5.6	5.0	3.8	3.4	3.1	2.7	3.0	7.2	10.3	12.7	13.3	14.4	15.1	15.6	15.5	16.0	15.7	14.8	14.0	13.7	12.7	11.7	11.3
8.	11.2	11.5	11.3	11.3	10.7	9.5	9.5	10.5	12.0	13.3	15.5	16.8	17.8	18.5	20.6	22.0	22.5	22.0	19.6	15.0	13.0	11.3	9.8	9.5
9.	8.9	8.9	9.3	9.3	9.5	9.2	8.3	9.0	13.2	15.3	16.7	18.3	17.8	17.5	16.8	17.2	16.3	14.0	13.2	13.1	11.7	11.7	10.9	10.9
10	9.1	10.1	9.7	9.6	9.2	9.2	8.6	8.9	9.8	10.2	10.9	11.7	12.7	14.6	14.4	14.5	13.4	14.0	14.0	12.9	12.0	11.9	11.2	11.0
11	11.0	11.2	10.7	8.3	8.7	9.0	9.8	10.8	10.9	11.7	12.0	13.5	14.8	16.1	17.7	18.4	18.3	18.5	18.2	15.4	13.6	12.4	12.7	12.3
12	12.4	11.7	11.1	10.0	9.0	8.6	8.2	8.4	10.0	10.3	12.1	13.0	13.8	13.2	13.0	14.5	12.0	12.2	11.7	10.2	10.2	9.0	9.0	9.0
13	8.3	7.3	7.3	6.4	5.8	5.2	5.1	6.2	7.8	9.8	11.1	11.9	11.7	12.0	12.4	13.4	13.0	11.7	10.2	9.8	8.4	7.0	5.9	4.9
14	4.8	3.9	3.5	3.5	2.8	2.6	3.1	3.9	6.0	8.1	11.0	15.0	15.7	16.5	18.5	20.5	20.4	19.7	18.0	18.0	17.2	16.2	14.2	12.5
15	13.2	12.5	9.8	9.7	8.8	7.3	7.4	8.2	12.3	15.5	18.3	20.5	21.5	22.2	22.7	23.5	23.9	23.5	21.5	18.4	18.6	18.0	16.9	16.1
16	15.8	15.0	15.0	14.4	13.0	12.6	13.3	13.3	15.0	18.0	20.7	23.8	27.0	29.3	31.5	32.5	32.5	31.2	29.8	26.3	24.0	22.6	21.7	20.7
17	18.1	18.6	19.2	20.8	18.8	18.7	17.0	13.8	16.4	20.0	20.5	20.5	20.4	20.8	20.5	21.1	20.4	19.9	18.6	17.7	14.4	10.7	8.7	8.6
18	7.9	6.7	5.4	4.6	5.1	2.7	1.5	4.8	6.6	8.2	8.3	9.5	9.6	10.3	10.8	12.2	13.2	13.1	11.4	8.9	7.9	7.2	7.0	6.7
19	6.3	5.9	5.6	5.1	5.9	6.3	6.0	6.2	8.8	12.2	15.8	17.5	19.6	20.5	22.2	22.5	22.5	18.9	17.8	12.4	12.3	13.1	10.6	10.0
20	8.8	9.2	8.1	7.7	7.8	7.8	7.1	7.7	9.2	11.6	12.8	13.4	14.3	15.2	14.7	15.6	14.7	13.9	12.8	10.0	7.3	6.3	4.6	4.7
21	4.1	4.0	4.5	4.6	4.2	4.6	3.4	3.6	5.4	9.3	12.1	15.0	15.7	16.5	17.7	17.6	17.0	15.8	13.3	8.9	9.5	9.1	8.9	8.6
22	8.3	7.8	7.3	7.3	7.8	6.2	5.7	6.5	9.0	9.0	10.6	11.5	13.3	14.4	15.0	17.1	16.7	16.7	15.3	11.9	11.1	8.7	7.9	6.6
23	6.6	3.7	4.3	6.3	6.5	8.3	8.8	7.5	10.9	13.2	15.2	16.2	17.1	18.9	20.0	19.5	19.7	19.0	17.1	15.1	14.5	14.0	12.4	10.7
24	10.0	9.0	8.3	7.8	6.7	6.2	6.5	6.0	8.9	12.4	15.8	17.8	19.7	20.0	20.3	21.0	20.2	20.1	18.4	15.1	14.5	13.0	13.3	12.7
25	13.3	12.7	11.4	11.0	11.0	9.0	8.8	7.5	10.4	14.6	17.3	19.3	20.2	20.4	21.0	21.0	20.4	19.3	16.0	12.9	9.7	9.5	11.8	10.0
26	9.5	10.5	8.0	8.0	6.7	7.0	7.8	7.6	10.9	14.3	18.4	20.8	22.7	23.8	25.4	25.8	23.5	22.4	20.4	18.1	18.1	17.4	17.2	17.1
27	15.2	13.8	13.0	12.0	10.0	12.0	12.8	12.8	12.6	12.5	12.2	12.2	12.5	10.6	8.2	6.0	6.1	6.8	6.2	5.6	5.1	5.1	5.2	5.3
28	5.1	5.0	5.0	4.8	4.5	4.5	4.1	4.1	4.2	4.7	5.0	5.7	6.3	7.5	8.5	10.5	10.7	10.4	9.8	8.8	8.5	8.3	8.1	8.0
29	9.0	9.4	9.8	10.5	10.9	11.3	10.4	9.8	11.5	13.5	14.8	15.8	16.9	16.1	16.0	16.4	16.0	14.4	13.0	10.1	10.0	8.4	7.6	7.8
30	6.5	5.0	4.3	3.5	3.0	3.7	3.3	1.9	6.5	9.1	12.1	15.5	15.3	15.7	16.1	16.2	14.2	13.0	12.3	11.2	7.3	4.3	4.0	3.4
MEAN	10.5	10.0	9.5	9.3	8.7	8.6	8.3	8.5	10.5	12.6	14.3	15.7	16.6	17.2	17.7	18.2	17.7	16.9	15.7	13.6	12.6	11.6	11.0	10.5

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER 1979

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.	17.0	16.8	17.7	16.5	17.3	17.4	17.0	17.8	18.0	19.5	18.7	19.6	18.2	19.3	18.8	18.5	18.5	17.7	17.0	16.6	15.6	14.9	14.0	13.5
2.	12.8	12.4	11.9	11.7	11.3	10.7	10.0	9.8	10.0	10.0	10.5	10.4	10.7	11.0	11.0	11.0	10.9	10.4	10.6	10.4	10.3	10.5	10.4	10.4
3.	10.4	10.3	9.8	8.3	8.8	9.4	10.0	10.0	10.6	11.1	11.4	11.9	12.7	12.2	13.3	13.7	13.9	13.9	14.5	14.1	13.8	13.9	13.6	13.5
4.	13.6	13.5	14.0	14.0	13.8	13.7	13.8	14.5	14.9	16.1	17.7	19.4	20.8	21.6	21.9	20.7	20.0	19.5	19.0	17.4	17.2	16.0	15.5	15.0
5.	14.6	14.0	12.4	11.6	11.4	11.1	10.3	11.1	12.0	13.9	15.3	15.6	16.4	15.9	15.2	14.6	14.7	13.5	12.7	10.8	10.2	9.8	8.5	8.0
6.	7.3	7.0	7.0	7.0	7.2	7.1	5.1	4.9	6.2	6.9	6.7	7.2	7.7	7.9	8.3	9.2	8.2	8.3	8.7	8.8	8.8	7.4	8.2	8.2
7.	7.9	5.4	4.7	3.6	3.2	3.0	2.5	2.8	6.7	8.7	9.6	8.7	9.9	9.7	10.2	9.8	10.3	10.0	9.8	9.7	9.7	10.0	9.9	9.3
8.	8.5	8.5	8.9	8.7	8.5	7.9	8.0	8.7	9.6	10.3	12.0	12.6	13.2	14.4	15.1	16.0	16.0	15.4	14.4	12.2	11.2	10.0	9.0	8.8
9.	8.6	9.2	8.9	8.9	9.4	9.1	8.3	8.8	11.7	12.8	13.9	14.3	13.8	13.2	13.4	13.7	12.3	12.4	12.1	11.8	10.8	10.5	10.1	9.3
10.	8.6	9.2	8.9	8.7	8.3	8.0	7.8	8.0	8.4	8.7	9.0	9.6	10.3	10.9	10.0	9.9	10.1	9.9	10.0	9.2	9.1	9.3	9.1	10.0
11.	10.2	9.8	8.9	8.1	8.2	8.8	9.6	10.5	10.2	11.0	10.5	11.1	11.5	12.3	13.1	13.0	12.3	12.8	12.4	11.4	11.1	11.3	11.4	11.1
12.	11.0	10.4	10.0	9.2	8.4	7.9	7.4	7.5	8.5	8.9	9.3	10.0	9.8	9.3	9.3	10.0	9.6	9.0	9.0	8.0	8.2	8.2	8.3	8.4
13.	7.6	6.4	6.4	5.8	5.4	4.8	4.8	5.9	7.0	7.6	8.0	8.5	8.5	9.0	9.8	11.0	10.0	10.0	9.0	8.6	7.6	6.4	5.3	4.4
14.	4.1	3.7	3.0	2.9	2.2	2.0	2.4	3.1	4.6	6.3	8.2	11.4	10.4	11.6	12.0	12.5	11.7	11.4	12.2	11.6	11.0	10.7	10.0	9.2
15.	9.7	9.8	8.3	8.4	7.9	6.8	7.0	7.8	11.0	13.0	14.8	14.5	15.5	15.7	16.0	15.8	16.1	16.2	15.9	14.8	14.2	14.6	14.0	13.1
16.	12.4	11.9	11.7	11.2	10.3	9.8	9.5	9.3	10.2	11.7	13.0	14.8	16.4	17.2	18.2	18.5	17.5	18.0	18.0	17.3	16.0	15.2	14.7	14.0
17.	13.0	13.1	13.4	14.5	14.4	14.3	13.2	11.8	13.2	14.1	12.9	12.8	12.5	13.2	13.0	13.2	13.0	12.9	12.6	12.5	13.0	13.5	13.1	12.8
18.	6.0	4.7	3.2	2.8	2.0	1.8	1.8	3.3	4.4	5.3	5.6	6.5	6.7	7.8	7.8	8.7	8.9	8.8	8.1	6.6	6.1	5.8	5.8	5.8
19.	5.2	4.9	4.6	4.2	4.9	5.1	5.0	5.1	6.8	9.0	11.1	11.8	12.7	13.0	14.2	14.0	14.2	13.1	12.2	10.0	10.1	10.5	9.5	7.3
20.	7.0	7.3	6.9	6.8	6.8	7.1	6.5	7.0	8.4	9.2	10.0	10.0	10.3	10.2	9.5	10.0	9.4	9.0	7.5	6.0	4.7	4.1	3.0	3.1
21.	2.9	3.0	3.3	3.5	3.0	3.1	2.2	2.4	3.6	6.9	8.3	9.4	9.1	9.1	9.7	9.2	8.7	8.6	8.6	6.0	6.0	6.5	6.2	5.3
22.	4.7	4.3	3.8	3.8	3.7	3.4	3.2	3.9	3.6	6.1	7.5	8.0	9.5	10.7	11.0	12.2	11.6	11.6	10.5	9.1	8.0	7.5	7.1	6.1
23.	5.6	5.3	5.8	5.8	5.8	5.8	7.8	6.7	9.0	10.6	11.4	11.8	12.0	12.9	13.6	13.0	13.2	13.3	12.6	11.7	11.4	11.1	10.1	9.5
24.	8.5	7.5	7.0	6.8	5.9	5.6	5.7	5.0	7.3	9.2	10.6	11.0	11.7	10.8	11.5	12.0	11.3	11.8	11.1	9.5	9.2	8.6	8.0	8.9
25.	9.3	9.0	8.3	8.2	8.2	7.0	6.8	5.7	8.0	10.8	12.7	12.7	11.8	11.6	11.4	11.6	10.9	10.5	10.4	8.8	7.2	7.0	8.2	7.3
26.	7.0	7.1	5.7	5.7	4.7	5.2	5.5	5.6	7.5	9.4	11.9	12.8	13.3	14.1	15.2	15.6	14.9	14.8	14.3	13.6	13.6	13.8	13.6	13.3
27.	12.7	12.0	11.6	10.6	9.0	11.0	11.7	11.6	10.6	9.8	9.2	8.9	8.8	7.6	6.3	5.5	5.2	5.1	4.5	3.9	3.4	3.4	3.4	3.4
28.	4.5	3.4	3.4	3.0	2.7	2.7	2.7	2.8	2.8	3.2	3.6	4.0	4.2	5.0	5.5	7.0	6.9	6.9	6.8	6.3	6.3	6.3	6.2	6.4
29.	7.2	7.4	7.4	7.7	8.0	7.9	7.2	6.7	7.3	8.1	8.8	9.5	10.4	9.9	9.9	10.2	10.2	9.5	8.8	7.3	7.1	6.3	5.8	6.1
30.	5.5	4.0	3.3	2.7	2.5	3.0	2.5	1.3	5.0	6.7	8.3	10.1	10.0	10.1	10.0	10.2	9.8	9.0	7.8	7.5	5.7	5.5	5.3	5.2
MEAN	6.8	6.5	7.9	7.7	7.4	7.4	7.1	7.3	8.6	9.8	10.7	11.3	11.6	11.9	12.1	12.3	12.0	11.8	11.4	10.4	9.9	9.4	9.0	8.6

INTERNATIONAL AIRPORT FOR THE MONTH OF SEPTEMBER

ABSTRACT OF THE WIND AT WINNIPEG
ALL TIMES ARE C.S.T. VELOCITY IN KILOMETERS PER 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 GUESTS	HOUR
1	WSW NNW SE 7	WSW NNW SE 19	WSW NNW SE 4	WSW NNW SE 11	WSW NNW SE 9	WSW NNW SE 15	WSW NNW SE 19	WSW NNW SE 22	WSW NNW SE 13	WSW NNW SE 11	WSW NNW SE 19	WSW NNW SE 26	WSW NNW SE 19	WSW NNW SE 11	WSW NNW SE 19	WSW NNW SE 26	WSW NNW SE 19	WSW NNW SE 28	WSW NNW SE 24	WSW NNW SE 30	WSW NNW SE 28	WSW NNW SE 24	WSW NNW SE 28	WSW NNW SE 31	NNW 46	23 CST
2	NNW NNW NNW NNW 31	NNW NNW NNW NNW 26	NNW NNW NNW NNW 22	NNW NNW NNW NNW 19	NNW NNW NNW NNW 15	NNW NNW NNW NNW 11	NNW NNW NNW NNW 7	NNW NNW NNW NNW 4	NNW NNW NNW NNW 1	NNW NNW NNW NNW 13	NNW NNW NNW NNW 11	NNW NNW NNW NNW 19	NNW NNW NNW NNW 11	NNW NNW NNW NNW 13	NNW NNW NNW NNW 11	NNW NNW NNW NNW 19	NNW NNW NNW NNW 11	NNW NNW NNW NNW 13	NNW NNW NNW NNW 11	NNW NNW NNW NNW 19	NNW NNW NNW NNW 11	NNW NNW NNW NNW 13	NNW NNW NNW NNW 11	NNW NNW NNW NNW 19	N 43	06 CST
3	C SW C SE 0	C SW C SE 6	C SW C SE 4	C SW C SE 0	C SW C SE 0	C SW C SE 6	C SW C SE 17	C SW C SE 13	C SW C SE 17	C SW C SE 4	C SW C SE 9	C SW C SE 15	C SW C SE 15	C SW C SE 17	C SW C SE 9	C SW C SE 15	C SW C SE 17	C SW C SE 9	C SW C SE 11	C SW C SE 13	C SW C SE 13	C SW C SE 13	C SW C SE 17	C SW C SE 19	SSE 39	11 CST
4	SSE SSE SSE SSE 17	SSE SSE SSE SSE 15	SSE SSE SSE SSE 13	SSE SSE SSE SSE 11	SSE SSE SSE SSE 7	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	WNW 67	17 CST
5	WNW NNW SW SSE 15	WNW NNW SW SSE 11	WNW NNW SW SSE 7	WNW NNW SW SSE 4	WNW NNW SW SSE 0	WNW NNW SW SSE 6	WNW NNW SW SSE 17	WNW NNW SW SSE 13	WNW NNW SW SSE 17	WNW NNW SW SSE 4	WNW NNW SW SSE 9	WNW NNW SW SSE 15	WNW NNW SW SSE 15	WNW NNW SW SSE 17	WNW NNW SW SSE 9	WNW NNW SW SSE 15	WNW NNW SW SSE 17	WNW NNW SW SSE 9	WNW NNW SW SSE 11	WNW NNW SW SSE 13	WNW NNW SW SSE 13	WNW NNW SW SSE 17	WNW NNW SW SSE 19	NNW 46	02 CST	
6	NNW NNW NNW NNW 31	NNW NNW NNW NNW 28	NNW NNW NNW NNW 24	NNW NNW NNW NNW 20	NNW NNW NNW NNW 17	NNW NNW NNW NNW 13	NNW NNW NNW NNW 9	NNW NNW NNW NNW 6	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	NNW NNW NNW NNW 2	NNW NNW NNW NNW 4	S 48	09 CST
7	NNE NE NE E 2	NNE NE NE E 11	NNE NE NE E 4	NNE NE NE E 1	NNE NE NE E 0	NNE NE NE E 9	NNE NE NE E 13	NNE NE NE E 15	NNE NE NE E 17	NNE NE NE E 9	NNE NE NE E 13	NNE NE NE E 15	NNE NE NE E 17	NNE NE NE E 9	NNE NE NE E 13	NNE NE NE E 15	NNE NE NE E 17	NNE NE NE E 9	NNE NE NE E 11	NNE NE NE E 13	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 19	E 54	14 CST	
8	NNE NE NE E 13	NNE NE NE E 15	NNE NE NE E 17	NNE NE NE E 13	NNE NE NE E 7	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 13	NNE NE NE E 7	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 13	NNE NE NE E 7	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 13	NNE NE NE E 7	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 13	NNE NE NE E 7	NNE NE NE E 13	NNE NE NE E 17	NNE NE NE E 13	ESE 46	14 CST
9	SSE SSE SSE SSE 20	SSE SSE SSE SSE 28	SSE SSE SSE SSE 24	SSE SSE SSE SSE 20	SSE SSE SSE SSE 13	SSE SSE SSE SSE 7	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	SSE SSE SSE SSE 2	SSE SSE SSE SSE 4	WNW 50	10 CST
10	WSW WSW WSW W 9	WSW WSW WSW W 13	WSW WSW WSW W 15	WSW WSW WSW W 17	WSW WSW WSW W 15	WSW WSW WSW W 11	WSW WSW WSW W 7	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WNW 54	13 CST
11	WSW WSW WSW W 7	WSW WSW WSW W 11	WSW WSW WSW W 13	WSW WSW WSW W 15	WSW WSW WSW W 15	WSW WSW WSW W 11	WSW WSW WSW W 7	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	NNW 44	09 CST
12	WSW WSW WSW W 13	WSW WSW WSW W 17	WSW WSW WSW W 19	WSW WSW WSW W 15	WSW WSW WSW W 11	WSW WSW WSW W 7	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	W 54	17 CST
13	WSW WSW WSW W 13	WSW WSW WSW W 17	WSW WSW WSW W 19	WSW WSW WSW W 15	WSW WSW WSW W 11	WSW WSW WSW W 7	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	WSW WSW WSW W 2	WSW WSW WSW W 4	S 31	00 CST

日期	星期	上午	下午	晚班	备注
01/01	星期一	08:00-12:00	13:00-17:00	18:00-22:00	
01/02	星期二	08:00-12:00	13:00-17:00	18:00-22:00	
01/03	星期三	08:00-12:00	13:00-17:00	18:00-22:00	
01/04	星期四	08:00-12:00	13:00-17:00	18:00-22:00	
01/05	星期五	08:00-12:00	13:00-17:00	18:00-22:00	
01/06	星期六	08:00-12:00	13:00-17:00	18:00-22:00	
01/07	星期日	08:00-12:00	13:00-17:00	18:00-22:00	
01/08	星期一	08:00-12:00	13:00-17:00	18:00-22:00	
01/09	星期二	08:00-12:00	13:00-17:00	18:00-22:00	
01/10	星期三	08:00-12:00	13:00-17:00	18:00-22:00	
01/11	星期四	08:00-12:00	13:00-17:00	18:00-22:00	
01/12	星期五	08:00-12:00	13:00-17:00	18:00-22:00	
01/13	星期六	08:00-12:00	13:00-17:00	18:00-22:00	
01/14	星期日	08:00-12:00	13:00-17:00	18:00-22:00	
01/15	星期一	08:00-12:00	13:00-17:00	18:00-22:00	
01/16	星期二	08:00-12:00	13:00-17:00	18:00-22:00	
01/17	星期三	08:00-12:00	13:00-17:00	18:00-22:00	
01/18	星期四	08:00-12:00	13:00-17:00	18:00-22:00	
01/19	星期五	08:00-12:00	13:00-17:00	18:00-22:00	
01/20	星期六	08:00-12:00	13:00-17:00	18:00-22:00	
01/21	星期日	08:00-12:00	13:00-17:00	18:00-22:00	
01/22	星期一	08:00-12:00	13:00-17:00	18:00-22:00	
01/23	星期二	08:00-12:00	13:00-17:00	18:00-22:00	
01/24	星期三	08:00-12:00	13:00-17:00	18:00-22:00	
01/25	星期四	08:00-12:00	13:00-17:00	18:00-22:00	
01/26	星期五	08:00-12:00	13:00-17:00	18:00-22:00	
01/27	星期六	08:00-12:00	13:00-17:00	18:00-22:00	
01/28	星期日	08:00-12:00	13:00-17:00	18:00-22:00	
01/29	星期一	08:00-12:00	13:00-17:00	18:00-22:00	
01/30	星期二	08:00-12:00	13:00-17:00	18:00-22:00	
01/31	星期三	08:00-12:00	13:00-17:00	18:00-22:00	

01/01-01/31 星期一-星期三 08:00-12:00 13:00-17:00 18:00-22:00 星期四-星期六 08:00-12:00 13:00-17:00 18:00-22:00 星期日 08:00-12:00 13:00-17:00 18:00-22:00