



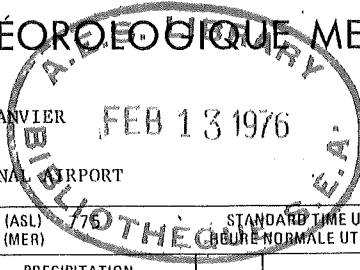
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# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS JANUARY / JANVIER FEB 13 1976 19 76

AT/A WINNIPEG INTERNATIONAL AIRPORT



LAT: 49° 54' N			LONG: 97° 15' W			ELEVATION: FEET (ASL) / PIEDS (MER)		STANDARD TIME USED: C. S. T.											
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			
	MAXIMUM / MAXIMALE	MINIMUM / MINIMALE	MEAN / MOYENNE	HEATING / DE CHAUFFÉE	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 6.0°C		%	%	mm		cm	mm	M.P.H. / M/H			HOURS / HEURES	
1	-10.4	-15.3	-12.9	30.9	....	95	83		7.9	7.4	15	10.2	NE	NE	14	0.0			
2	-14.9	-25.0	-20.0	38.0	....	87	44		.5	.5	20	15.0	NW	NW	18	6.9			
3	-21.7	-30.4	-26.1	44.1	....	98	67				20	13.7	NW	NNW	20	6.3			
4	-18.9	-32.9	-25.9	43.9	....	88	55				20	15.6	S	S	32	4.9			
5	-16.9	-27.4	-22.2	40.2	....	89	73		2.8	2.3	20	15.7	NNE	N	25	0.0			
6	-27.0	-35.8	-31.4	49.4	....	87	44				25	10.9	N	N	20	7.2			
7	-23.7	-32.8	-28.3	46.3	....	79	58		TR.	TR.	25	14.5	W	WSW	20	5.8			
8	-20.8	-28.4	-24.6	42.6	....	81	66				25	11.7	W	W	16	2.2			
9	-20.7	-27.1	-23.9	41.9	....	82	45		TR.	TR.	18	6.5	S	SSE	13	7.8			
10	-12.6	-21.2	-16.9	34.9	....	88	78		4.8	4.3	18	8.4	SSE	SSE	16	0.0			
11	- 8.6	-14.3	-11.5	29.5	....	88	80		.3	TR.	23	14.1	S	S	25	2.8			
12	- 7.7	-20.1	-13.9	31.9	....	95	77		9.1	8.1	25	11.8	W, NW	NW	22	1.8			
13	-10.6	-23.7	-17.2	35.2	....	89	73		.8	.5	28	9.5	W, WNW	WNW	15	3.1			
14	-19.5	-30.0	-24.8	42.8	....	80	43				28	8.1	W	W	12	7.8			
15	-17.6	-30.6	-24.1	42.1	....	87	71		.5	.3	25	7.6	SE	SSE	14	2.3			
16	-20.1	-34.4	-27.3	45.3	....	81	63		TR.	TR.	20	6.8	S	S	14	5.8			
17	-12.2	-22.9	-17.6	35.6	....	89	77		TR.	TR.	20	13.4	S	S	17	4.5			
18	1.4	-12.3	- 5.5	23.5	....	92	78		TR.	TR.	20	18.4	S	S	29	0.0			
19	- 8.4	-22.2	-15.3	33.3	....	88	66			.3	20	16.2	N	N	28	8.0			
20	- 3.7	-17.9	-10.8	28.8	....	87	76		TR.	TR.	20	11.3	SSW	N	21	0.0			
21	- 6.1	-23.2	-14.7	32.7	....	92	65			.5	20	10.5	N	NNE	23	5.3			
22	-11.9	-22.8	-17.4	35.4	....	89	66		TR.	.8	20	12.3	SE	ESE	20	0.0			
23	- 8.4	-12.9	-10.7	28.7	....	90	84			.3	20	7.8	ESE,*	ESE	13	0.0			
24	- 8.8	-18.0	-13.4	31.4	....	90	80			2.5	13	8.0	NNE	NE	12	6.1			
25	-12.6	-21.3	-17.0	35.0	....	88	76			2.3	15	13.2	N	N	17	0.0			
26	-21.1	-30.4	-25.8	43.8	....	86	64				18	8.0	NW	NNW	15	8.5			
27	- 4.0	-28.9	-16.5	34.5	....	91	65		1.8	1.0	18	23.7	S	S	37	1.9			
28	3.3	-21.4	- 9.1	27.1	....	89	67		TR.	TR.	20	16.1	NNW	NNW	32	7.3			
29	-11.3	-20.6	-16.0	34.0	....	87	72			2.0	18	13.3	SSE	SSE	21	0.4			
30	- 1.8	-21.1	-11.5	29.5	....	93	77		TR.	TR.	20	9.9	WNW	SSW	17	1.5			
31	1.2	-21.1	-10.0	28.0	....	93	71				20	14.2	N	N	29	0.5			
MEAN / MOYENNE	-12.1	-24.1	-18.1	1120.3		88	68		TR.	37.2	29.8		12.2	SOUTH DOMINANT	S	37	108.7		
NORMAL / NORMALE	-13.4	-23.2	-18.3	1125.6	0.0			0.0	0.3	24.9	23.6		12.1	NW			112.5		
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	1120.3	1051.1	1125.6	TOTAL FOR MONTH / TOTAL DU MOIS	NIL	NIL	NIL	14	7	4	0	0	16	8	7	0	0		
ACCUMULATED SINCE JULY, ACCUMULÉE DEPUIS LE 1 <sup>er</sup> JUILLET	3351.4	3192.2	3361.2	ACCUMULATED SINCE APRIL 1, ACCUMULÉE DEPUIS LE 1 <sup>er</sup> AVRIL	1794.0	1642.8	1756.7												

UDC 551.506.1 ( 712.74)

\* OTHER DIRECTION SE on 23rd

COMPARATIVE RECORDS RELÈVES COMPARATIFS				MONTH MOIS		JANUARY / JANVIER						19 76	
TEMPERATURE/TEMPÉRATURE °C PRECIPITATION/PRÉCIPITATION RAIN/PLUIE mm SNOW/NEIGE cm		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS						YEARS OF RECORD ANNÉES D'OBSERVATIONS
		VALUE RELÈVÉ	DATE	VALUE RELÈVÉ	DATE		HIGHEST MAXIMUM ABSOLU			LOWEST MINIMUM ABSOLU			
							VALUE RELÈVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELÈVÉ	DAY JOUR	YEAR ANNÉE	
HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE		3.3	28	- 2.1	2	0.0	7.8	23	1942	-11.7	11	1950	105
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE		-35.8	6	-33.0	19	-35.6	-25.0	14	1931	-44.4	15	1877	105
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE		-18.1		-15.9		-18.3	-10.6		1944	-26.9		1875	105
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE		TR.		.3		.3	3.8	20	1944	NIL	(most/year)		105
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE		37.2		51.7		24.9	85.3		1916	2.8		1881	105
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE		29.8		45.9		23.6	85.3		1916	2.5		1902 1973	105
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MEASURABLE		14		16		12	20		1954	3		1903 1973	93
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE		TR.	18	.3	7		3.8	20	1944				105
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE		9.1	22	18.3	24		31.8	2	1907				105
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE		8.1	12	17.0	24		31.8	2	1907				105
MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN:													
5 MINUTES													
10 MINUTES													
15 MINUTES													
30 MINUTES													
60 MINUTES													
24 CONSECUTIVE HOURS HEURES CONSECUTIVES		TR.	18 & 22	.3	7		3.8	20	1944				105
MEAN WIND SPEED (m.p.h.) VITESSE MOYENNE DU VENT (m/h)		12.2		10.9		12.1	14.2		1947 1948	8.5		1930 1936	56
MAXIMUM SPEED (1 min.) (m.p.h.) VITESSE MAXIMALE (1 mn.) (m/h)		S 37	27	NW 41	11	35	N 49	13	1942				38
MAXIMUM GUST SPEED (m.p.h.) POINTE DU VENT MAXIMALE (m/h)		S 49	27	NW 58	11	47	NW 58*	11	1975				31
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		108.7		101.9		112.5	160.3		1959	63.5		1931	77
MEAN STATION PRESSURE (mb) PRESSION MOYENNE À LA STATION (mb)		987.5		983.6		989.6	997.2		1966	982.1		1947	38
GREATEST STATION PRESSURE (m.b.) PRESSION MAXIMALE À LA STATION (mb)		1001.9	7	1006.8	31	1008.5	1020.7	10	1949				38
LEAST STATION PRESSURE (mb.) PRESSION MINIMALE À LA STATION (mb)		966.2	27	960.3	11	966.1				948.1	14	1947	38
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES							TEN DIX		YEARS DERNIÈRE ANNÉES				
YEAR ANNÉE	MAXIMUM TEMP. MAXIMALE	MINIMUM TEMP. MINIMALE	MEAN TEMP. MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. 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	0.6	-35.6	-17.3	TR.	23.4	20.6	13.9	NW * 32	99.2	1094.4			
1968	3.3	-40.6	-18.4	1.5	23.9	21.3	11.7	S 35	139.1	1127.8			
1969	-2.2	-37.8	-21.9	TR.	54.4	47.5	12.0	NW 30	92.5	1240.0			
1970	-1.7	-38.3	-19.9	TR.	32.3	22.9	10.3	S 27	108.9	1178.3			
1971	-3.3	-36.1	-22.5	NIL	15.2	10.7	10.9	S, SSE 35	149.2	1257.8			
1972	1.1	-38.9	-22.0	NIL	18.8	16.0	10.4	S 36	144.1	1242.2			
1973	5.6	-38.9	-14.0	1.8	2.8	2.5	9.8	NNW 27	141.2	990.0			
1974	-2.2	-41.7	-22.4	.5	40.4	39.1	9.5	SSE 30	123.2	1255.6			
1975	-2.1	-33.0	-15.9	.3	51.7	45.9	10.9	NW 41	101.9	1055.1			
1976	3.3	-35.8	-18.1	TR.	37.2	29.8	12.2	S 37	108.7	1120.3			

\* OTHER DIRECTION S. 58 on 1st in 1959

↻ TOWER WIND NW 66, 1975

\* OTHER DIRECTION 1967 (N, &S) 00 0063-9891

January weather was snowier than usual, but near normal in other weather conditions. Snowfall came on 16 days and amounted to 37.2 cm, or 12.3 centimetres more than normal. Blizzard conditions hit Winnipeg on January 27 when blowing snow reduced visibility to less than one-half mile for more than six hours.

Temperatures during January averaged out to near normal, but readings ranged through extremely wide swings. The month began with a cold snap that lowered the minimum to minus 36C on January 6th; but a warming trend sent the maximum up to a record thawing 1.4C on January 18th and 3.3C on January 28th. These were the warmest readings ever registered for those dates in Winnipeg.

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DAILY WEATHER SUMMARY FOR JANUARY 1976AT WINNIPEG, MANITOBA

1. Above normal temperature. Cloudy. Snow all day. Light winds. Visibility reduced.
2. Near normal temperature. Partly cloudy. Snow to 7:15 a.m. ice crystals 10:00 a.m. to 11:58 a.m.
3. Very cold. Partly cloudy. Mostly light winds.
4. Very cold. Mostly sunny. Gusty south winds in afternoon and evening. Blowing snow 12:06 p.m. to 11:25 p.m. Light smoke or ice fog in morning. Visibility restricted.
5. Below normal temperature. Cloudy. Snow 11:52 a.m. to 7:20 p.m. Blowing snow 11:13 a.m. to 6:10 p.m. visibility restricted.
6. Very cold. Sunny with mostly light winds.
7. Cold. Partly cloudy. Ice crystals 10:34 a.m. to 11:09 a.m. Drifting snow.
8. Cold. Mostly cloudy. Drifting snow.
9. Cold. Sunny. Light winds. Snow 01:38 a.m. to 2:24 a.m.
10. Above normal temperature. Cloudy. Snow 5:04 a.m. continuing all day. Visibility reduced.
11. Mild. Partly cloudy. Snow to 10:45 a.m. Blowing snow 1:30 p.m. to 2:15 p.m. Gusty south winds.
12. Mild. Partly cloudy. Snow 1:49 a.m. to 8:50 a.m. 11:04 a.m. to 12:38 p.m drifting snow. Light fog in morning. Visibility reduced. 8.1 mm of precipitation greatest 24 hour precipitation for January 12th.
13. Above normal temperature. Partly cloudy. Snow 1:47 a.m. to 2:00 p.m. Ice crystals 2:00 p.m. to 5:50 p.m. Visibility reduced in morning.
14. Below normal temperature. Sunny with light winds.
15. Below normal temperature. Partly cloudy. Snow 8:24 a.m. to 2:23 p.m. Light fog. Visibility reduced. Light winds.
16. Cold. Mostly sunny. Ice crystals 9:20 a.m. to 12:00 noon. Smoke and ice fog in morning. Visibility reduced.
17. Above normal temperature. Snowshowers 2:15 a.m. to 3:15 a.m. Partly cloudy.
18. Very mild. Record breaking high temperature for that day. Cloudy. Rain 6:16 p.m. to 6:27 p.m. Freezing drizzle 7:49 p.m. to 9:58 p.m. Snow 10:37 p.m. continued. Gusty south winds in morning. Blowing and drifting snow.
19. Above normal temperature. Mostly sunny. Snow to 5:49 a.m. Blowing snow in morning. Visibility reduced.
20. Mild. Cloudy. Snow 1:53 p.m. to 3:20 p.m. 8:41 p.m. to 10:21 p.m. Light winds.
21. Above normal temperature. Snow 3:46 a.m. to 11:15 a.m. Blowing snow in morning.
22. Above normal temperature. Cloudy. Freezing drizzle 7:50 p.m. to 8:50 p.m. Snow 6:00 p.m. continued. Drifting snow.
23. Mild. Cloudy. Light fog. Snow to 00:20 a.m. 6:25 a.m. to 8:10 p.m. Light winds.
24. Mild. Partly cloudy. Light fog in morning. Snow 5:40 a.m. to 11:53 a.m. 8:45 p.m. continued.
25. Above normal temperature. Cloudy. Snow to 8:15 p.m. Drifting snow. Light fog.
26. Cold. Sunny. Light winds. Light ice fog in morning.
27. Above normal temperature. Blizzard conditions. Cloudy with gusty south winds. Blowing snow. Snow 7:20 p.m. to 9:48 p.m. Ice pellets 7:28 p.m. to 7:50 p.m. Visibility severely restricted.
28. Very mild. Record breaking high temperature. Mostly sunny. Visibility restricted in blowing snow in morning. Snow or ice crystals 9:37 a.m. to 10:46 a.m.
29. Above normal temperature. Cloudy. Snow or ice crystals 8:40 a.m. to 7:40 p.m. Visibility restricted in snow and blowing snow in the morning.
30. Mild. Mostly cloudy. Snow 10:50 a.m. to 12:40 p.m. Drifting snow.
31. Mild. Cloudy. Drifting snow.

HOURLY TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JANUARY 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.	-10.6	-11.1	-11.2	-11.5	-11.6	-11.7	-11.9	-11.9	-11.7	-11.7	-11.5	-11.4	-11.7	-11.9	-12.1	-12.3	-12.3	-12.9	-13.7	-13.6	-13.9	-14.4	-14.9	
2.	-15.0	-15.6	-16.5	-17.6	-17.5	-17.8	-19.5	-23.2	-24.3	-23.2	-23.2	-23.2	-22.9	-22.3	-21.6	-21.1	-21.1	-21.7	-22.2	-21.2	-21.7	-21.1	-21.1	-21.8
3.	-23.3	-23.2	-22.3	-21.8	-22.6	-23.2	-22.6	-22.6	-22.3	-23.3	-23.3	-23.3	-23.3	-23.3	-23.4	-24.1	-25.1	-26.1	-26.8	-27.4	-28.1	-28.8	-29.4	-29.6
4.	-29.9	-30.8	-31.5	-31.8	-32.1	-32.1	-32.2	-32.4	-31.5	-29.4	-28.4	-27.9	-27.1	-25.7	-24.4	-23.9	-23.4	-22.9	-22.0	-21.1	-21.0	-21.0	-20.2	-19.6
5.	-19.3	-18.4	-17.9	-18.3	-18.6	-18.4	-18.3	-17.7	-17.8	-17.6	-17.4	-17.9	-18.3	-19.3	-19.8	-20.1	-21.1	-21.7	-22.4	-23.7	-25.0	-24.1	-26.8	-26.1
6.	-27.2	-27.7	-28.7	-29.4	-30.3	-31.3	-32.2	-34.2	-34.4	-35.6	-34.9	-33.8	-32.8	-31.4	-30.4	-30.1	-29.9	-30.9	-31.7	-32.1	-31.0	-31.7	-32.7	-32.2
7.	-32.3	-31.8	-31.8	-31.9	-32.2	-32.3	-32.2	-32.3	-32.2	-32.2	-30.3	-29.3	-27.9	-25.4	-25.2	-24.3	-24.2	-24.6	-24.4	-25.2	-26.0	-26.7	-27.2	-26.2
8.	-26.7	-26.8	-27.5	-28.1	-27.9	-26.9	-26.8	-27.2	-27.2	-27.2	-26.6	-25.4	-24.9	-22.9	-22.2	-21.6	-21.1	-21.2	-22.7	-22.5	-23.2	-22.2	-22.4	-21.8
9.	-21.7	-21.4	-21.4	-22.5	-24.5	-25.6	-26.1	-26.2	-26.2	-26.7	-25.6	-23.3	-22.4	-22.2	-21.7	-22.4	-23.4	-23.3	-23.2	-24.3	-23.2	-22.2	-21.6	-22.1
10.	-20.7	-18.5	-17.2	-16.7	-16.5	-15.2	-15.7	-16.2	-16.1	-16.1	-15.0	-14.6	-14.6	-14.2	-13.2	-12.8	-12.8	-12.8	-13.3	-13.7	-13.7	-13.7	-13.7	-13.7
11.	-13.5	-13.7	-13.7	-13.4	-13.8	-13.8	-13.6	-13.4	-13.3	-12.8	-12.2	-12.2	-12.1	-11.3	-11.1	-10.7	-10.1	-9.9	-10.1	-10.4	-10.2	-9.8	-9.4	-9.1
12.	-8.9	-8.8	-8.7	-8.2	-8.1	-8.2	-8.5	-10.1	-13.3	-15.5	-15.0	-13.3	-13.2	-12.8	-12.8	-12.7	-13.2	-13.6	-15.8	-16.4	-16.4	-17.7	-17.7	-16.8
13.	-20.0	-17.1	-16.7	-16.4	-15.4	-14.4	-13.4	-12.2	-11.6	-11.2	-10.6	-11.0	-11.6	-12.6	-12.3	-12.8	-14.0	-14.8	-15.6	-16.9	-17.8	-21.6	-22.3	-22.1
14.	-23.3	-24.6	-24.5	-25.7	-25.4	-25.3	-26.4	-27.1	-27.2	-26.7	-25.6	-23.8	-22.6	-22.3	-20.4	-20.9	-22.7	-24.1	-24.9	-24.4	-23.8	-23.0	-22.2	-22.7
15.	-21.7	-21.2	-21.2	-23.1	-22.4	-20.7	-19.6	-20.7	-21.1	-19.7	-20.7	-20.3	-20.3	-18.8	-18.3	-18.0	-19.1	-22.2	-23.2	-24.3	-26.6	-23.1	-27.1	-25.7
16.	-30.6	-28.4	-28.9	-29.2	-31.5	-31.5	-32.0	-33.2	-33.2	-33.4	-30.0	-26.7	-27.8	-22.8	-22.4	-22.5	-22.8	-23.9	-24.4	-22.7	-21.1	-20.1	-21.5	-22.1
17.	-22.7	-22.2	-20.6	-19.6	-19.3	-19.1	-18.1	-17.8	-17.4	-17.2	-16.6	-16.2	-15.4	-14.5	-13.7	-13.6	-14.3	-15.1	-15.5	-15.1	-14.9	-14.3	-13.8	-13.8
18.	-12.3	-11.4	-11.6	-10.9	-11.1	-10.7	-10.2	-8.3	-7.3	-5.1	-5.5	-5.5	-4.6	-4.6	-2.6	-2.6	-2.6	1.0	1.1	1.1	-1.2	-3.4	-5.4	-7.6
19.	-8.8	-9.4	-12.9	-15.4	-17.3	-18.3	-18.3	-19.6	-20.5	-21.1	-21.2	-21.1	-20.7	-20.4	-20.0	-19.6	-20.1	-21.0	-21.1	-21.1	-20.4	-18.4	-18.6	-17.6
20.	-16.7	-15.7	-15.6	-15.0	-14.4	-14.8	-13.9	-12.2	-11.0	-10.9	-9.4	-7.2	-5.4	-4.4	-3.0	-3.8	-3.9	-4.1	-4.5	-5.7	-7.1	-8.6	-8.4	-8.4
21.	-8.4	-8.8	-8.8	-8.0	-8.0	-8.4	-7.9	-7.7	-7.7	-7.3	-6.7	-6.7	-6.9	-10.9	-12.0	-12.7	-14.1	-16.2	-19.0	-19.0	-19.9	-21.2	-16.2	-21.6
22.	-22.3	-21.2	-21.1	-20.4	-19.9	-20.0	-19.9	-18.9	-18.6	-18.2	-17.4	-16.7	-15.6	-14.7	-14.4	-14.3	-13.3	-12.9	-12.9	-13.2	-12.9	-12.9	-12.6	-12.4
23.	-12.2	-12.0	-12.2	-12.7	-12.6	-12.6	-12.2	-12.3	-12.3	-12.2	-11.8	-11.6	-11.2	-10.6	-10.2	-10.0	-10.0	-9.9	-9.4	-9.4	-9.1	-8.9	-8.9	-9.1
24.	-9.0	-9.2	-9.4	-9.4	-9.5	-9.9	-10.6	-10.1	-10.4	-10.4	-10.4	-10.8	-12.2	-11.7	-11.6	-12.2	-15.0	-15.7	-17.5	-16.2	-15.6	-14.4	-12.9	-12.9
25.	-13.2	-13.3	-13.5	-13.5	-13.0	-14.3	-14.1	-14.1	-14.1	-14.3	-14.9	-15.6	-16.3	-17.7	-17.7	-18.6	-18.7	-19.0	-19.0	-19.3	-19.6	-20.6	-20.6	-20.7
26.	-21.1	-22.9	-23.6	-25.1	-26.4	-27.5	-27.8	-28.0	-29.0	-29.4	-29.2	-28.3	-26.7	-25.5	-25.5	-25.0	-24.7	-24.4	-26.0	-27.2	-27.5	-27.9	-28.1	-28.2
27.	-20.6	-28.3	-27.8	-27.1	-27.4	-26.5	-26.1	-24.8	-23.3	-21.4	-19.3	-17.6	-17.2	-17.0	-17.2	-16.4	-15.3	-13.9	-12.8	-11.2	-10.2	-9.4	-7.6	-6.4
28.	-4.1	.1	1.6	.0	1.7	3.2	2.1	-5.3	-6.8	-10.4	-11.2	-12.0	-12.0	-12.2	-11.8	-12.2	-12.8	-13.9	-15.0	-16.8	-18.9	-18.4	-19.3	-18.9
29.	-20.3	-20.4	-19.4	-19.8	-18.8	-18.2	-17.2	-16.8	-16.3	-15.6	-15.2	-14.4	-13.3	-12.3	-12.1	-11.6	-12.8	-13.9	-13.5	-13.0	-13.9	-14.3	-15.9	-17.8
30.	-19.3	-19.7	-17.8	-16.5	-15.9	-15.7	-15.2	-14.8	-14.8	-14.4	-14.1	-13.5	-13.3	-12.4	-12.1	-10.6	-8.2	-7.4	-5.4	-3.2	-3.1	-6.1	-5.4	-5.4
31.	-5.9	-6.1	-7.8	-9.1	-8.8	-7.9	-8.0	-7.3	-7.6	-7.6	-5.4	-3.5	-1.9	.1	1.1	.2	-.9	-5.6	-7.2	-10.7	-13.5	-15.5	-17.3	-19.1

MEAN -18.3 -18.0 -18.0 -19.2 -18.4 -18.3 -18.5 -18.2 -18.2 -18.3 -18.5 -18.6 -18.1 -17.5 -17.1 -16.4 -15.9 -15.7 -16.0 -16.6 -17.2 -17.4 -17.7 -17.9 -16.2 -18.2

HOURLY METEOROLOGICAL TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JANUARY 1976  
 LOCAL STANDARD TIME

DATE	ALL TEMPERATURES IN DEGREES CELSIUS																							
	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.	-10.7	-11.1	-11.2	-11.2	-11.5	-11.6	-11.7	-11.9	-11.7	-12.1	-11.7	-11.6	-11.8	-12.1	-12.2	-12.4	-12.3	-12.3	-12.9	-13.5	-13.5	-13.9	-14.4	-14.9
2.	-15.0	-15.6	-16.5	-17.6	-17.6	-17.6	-17.8	-19.5	-23.2	-24.3	-24.3	-23.2	-23.4	-22.4	-21.7	-21.2	-21.7	-21.2	-21.7	-21.2	-21.1	-21.7	-21.0	-21.7
3.	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.2	-23.4	-23.4	-23.5	-24.2	-25.1	-26.1	-26.8	-27.3	-28.1	-28.7	-29.3	-29.4
4.	-29.8	-30.7	-31.4	-31.9	-32.0	-32.0	-32.2	-32.3	-31.5	-29.4	-28.6	-28.0	-27.2	-25.8	-24.4	-23.9	-23.4	-23.0	-22.1	-21.2	-21.0	-21.1	-20.3	-19.7
5.	-19.3	-18.6	-18.1	-18.4	-18.6	-19.4	-18.3	-17.7	-17.7	-17.6	-17.3	-17.8	-18.7	-19.3	-19.8	-20.1	-21.1	-21.7	-22.4	-23.8	-25.0	-26.1	-26.8	-26.1
6.	-27.2	-27.7	-28.7	-29.4	-30.2	-31.3	-32.2	-34.2	-34.4	-35.6	-35.0	-33.9	-32.9	-31.6	-30.6	-30.2	-30.1	-31.1	-31.9	-32.2	-32.1	-31.7	-32.7	-32.3
7.	-32.4	-31.8	-31.9	-32.0	-31.9	-32.3	-32.4	-32.3	-31.9	-32.3	-30.4	-29.4	-28.0	-26.6	-25.3	-24.4	-24.3	-24.6	-24.5	-25.3	-26.0	-26.7	-27.2	-26.3
8.	-21.7	-26.8	-28.3	-27.8	-27.0	-26.9	-27.3	-27.3	-27.3	-26.6	-25.4	-24.9	-23.1	-23.1	-22.3	-21.7	-21.1	-21.2	-22.7	-22.5	-22.2	-22.2	-22.5	-21.9
9.	-21.7	-21.7	-21.4	-21.7	-24.6	-24.1	-25.6	-26.2	-26.2	-26.7	-25.7	-23.8	-22.8	-22.4	-22.1	-22.4	-22.4	-23.4	-23.2	-23.2	-23.2	-22.3	-21.7	-22.1
10.	-20.7	-16.6	-17.3	-16.7	-16.5	-16.2	-15.7	-16.2	-16.1	-16.1	-15.1	-14.7	-14.8	-14.4	-13.3	-13.1	-12.9	-12.8	-13.3	-13.8	-13.7	-13.7	-13.7	-13.7
11.	-13.5	-13.8	-13.7	-13.4	-13.8	-13.8	-13.6	-13.4	-13.3	-12.8	-12.3	-12.3	-12.2	-11.6	-11.2	-10.8	-10.3	-10.0	-10.2	-10.5	-10.3	-9.9	-9.6	-9.3
12.	-9.1	-8.9	-8.8	-8.3	-8.2	-8.1	-8.2	-8.4	-10.1	-13.3	-15.5	-15.0	-13.3	-13.3	-12.8	-12.8	-13.3	-13.7	-15.9	-16.4	-16.5	-17.7	-17.7	-18.3
13.	-20.1	-17.2	-16.7	-16.4	-15.4	-14.4	-13.4	-12.2	-11.6	-11.4	-10.7	-11.1	-11.7	-12.8	-12.6	-13.0	-14.1	-15.0	-17.1	-17.9	-21.6	-22.4	-22.1	-22.7
14.	-23.4	-24.7	-24.6	-25.7	-25.4	-25.4	-26.5	-27.2	-27.2	-26.7	-25.7	-23.9	-22.7	-22.7	-21.1	-21.2	-22.8	-24.2	-25.0	-24.5	-23.9	-23.2	-22.3	-22.7
15.	-21.8	-21.3	-21.3	-23.1	-22.4	-20.7	-19.7	-20.7	-21.1	-19.8	-20.6	-20.9	-20.4	-18.8	-18.3	-18.0	-16.1	-22.2	-23.2	-24.3	-26.6	-27.1	-25.7	-25.7
16.	-30.6	-28.4	-28.9	-28.2	-31.6	-31.6	-32.0	-33.2	-33.4	-30.1	-26.8	-27.8	-27.8	-22.8	-22.4	-22.7	-22.9	-23.9	-24.4	-23.7	-21.2	-20.2	-21.5	-22.1
17.	-22.7	-22.2	-20.6	-19.6	-19.4	-19.1	-18.1	-17.8	-17.4	-17.2	-16.7	-16.3	-15.6	-14.7	-14.0	-14.0	-13.8	-14.3	-15.1	-15.5	-15.1	-14.9	-14.3	-13.8
18.	-12.3	-11.4	-11.6	-10.9	-11.1	-10.7	-10.7	-10.2	-8.6	-7.6	-6.2	-5.7	-4.9	-4.9	-3.0	-3.4	-3.6	-3.0	0.0	0.0	-1.7	-4.1	-5.8	-7.9
19.	-6.9	-10.0	-13.3	-15.6	-17.7	-18.4	-18.4	-19.7	-20.7	-21.2	-21.3	-21.1	-20.7	-20.6	-20.2	-19.6	-20.0	-21.0	-21.2	-21.1	-20.4	-19.5	-18.6	-17.7
20.	-16.7	-15.8	-15.7	-15.2	-14.7	-15.0	-14.0	-12.4	-11.3	-10.8	-9.3	-7.8	-6.1	-5.0	-4.5	-4.4	-4.4	-4.6	-5.0	-6.2	-7.6	-8.9	-8.9	-8.9
21.	-8.9	-9.0	-9.0	-9.1	-9.1	-8.5	-8.1	-7.8	-7.4	-6.8	-6.8	-6.9	-6.2	-11.2	-12.2	-12.9	-14.4	-16.7	-19.2	-19.3	-20.1	-21.3	-19.3	-21.6
22.	-22.3	-21.2	-21.1	-20.6	-20.0	-20.2	-20.1	-19.9	-18.9	-18.4	-17.6	-16.1	-16.1	-15.1	-14.8	-14.5	-13.6	-13.0	-13.4	-13.4	-12.9	-12.9	-12.6	-12.4
23.	-12.2	-12.1	-12.3	-12.8	-12.7	-12.3	-12.3	-12.3	-12.3	-12.2	-11.8	-11.6	-11.3	-10.6	-10.4	-10.1	-10.1	-10.0	-9.6	-9.6	-9.4	-9.2	-9.2	-9.3
24.	-6.3	-6.4	-6.6	-6.7	-6.8	-6.7	-6.8	-6.7	-6.8	-6.7	-6.5	-6.4	-6.3	-6.2	-6.1	-6.0	-5.9	-5.8	-5.7	-5.6	-5.6	-5.6	-5.6	-5.6
25.	-13.2	-13.3	-13.6	-13.7	-13.9	-14.3	-14.2	-14.1	-14.3	-15.0	-15.6	-16.4	-16.7	-17.7	-18.3	-18.6	-18.6	-19.0	-19.0	-19.3	-19.7	-20.7	-20.7	-20.8
26.	-21.2	-23.0	-23.5	-23.1	-26.4	-27.5	-27.8	-28.9	-29.9	-29.4	-29.2	-28.3	-26.7	-25.6	-25.5	-25.1	-24.9	-24.6	-24.0	-27.2	-27.5	-27.8	-28.1	-28.2
27.	-28.5	-28.4	-27.8	-27.1	-27.5	-26.7	-26.6	-26.2	-24.8	-23.3	-21.5	-19.3	-17.9	-17.9	-17.2	-16.6	-15.4	-13.9	-12.8	-11.3	-10.2	-9.4	-7.7	-6.6
28.	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
29.	-20.4	-20.5	-19.6	-19.0	-18.9	-18.4	-17.3	-17.0	-16.6	-15.6	-15.4	-14.6	-13.4	-12.5	-12.2	-11.7	-12.9	-14.0	-13.7	-13.9	-14.0	-14.4	-16.0	-17.8
30.	-19.4	-19.8	-17.9	-16.7	-16.1	-15.8	-15.3	-15.0	-14.9	-14.6	-14.2	-13.6	-13.6	-12.6	-11.6	-10.4	-9.5	-8.4	-7.8	-5.7	-3.4	-3.6	-6.2	-5.7
31.	-6.1	-6.4	-7.9	-9.1	-8.8	-7.9	-8.9	-7.4	-7.8	-5.9	-4.3	-2.9	-1.2	-1.2	-1.1	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7

MEAN -19.3 -18.1 -18.1 -18.3 -18.5 -18.4 -18.3 -18.4 -18.6 -18.7 -18.2 -17.6 -17.3 -16.6 -16.1 -15.9 -14.2 -16.8 -17.3 -17.6 -17.7 -18.0 -18.3 -18.3

ABSTRACT OF THE WIND AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JANUARY

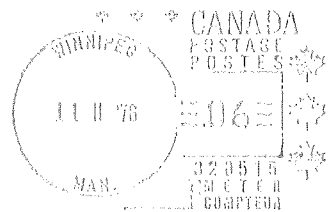
ALL TIMES ARE C.S.T.


HOUR	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	NE 14	ENE 12	NE 8	NE 12	NE 10	NE 12	ENE 12	ENE 10	E 12	ENE 10	NE 9	ENE 9	NNE 9	NNE 10	NNE 10	NNE 9	NNE 9	NNE 9	NNE 8	NNE 8	NNE 13	NNE 14	NNE 13	NNE 13	NW 26	07 C.S.T.
2	N 13	NNW 12	NNW 13	NNW 16	NNW 15	NNW 17	NW 18	NW 14	NW 15	NW 14	NW 15	NW 16	NW 16	NW 15	NW 14	NW 15	NW 15	NW 14	NW 17	NW 16	NW 18	NW 15	NW 13	NW 26	07 C.S.T.	
3	NW 14	NW 16	NNW 17	NNW 18	NW 15	NW 17	NNW 15	NNW 16	NW 16	NNW 17	NNW 14	NNW 14	NNW 14	NNW 13	NNW 13	NNW 15	NNW 14	NNW 14	NNW 13	NNW 10	NNW 9	NNW 7	NNW 6	NNW 23	03 C.S.T.	
4	WNW 5	W 3	W 6	WSW 2	S 5	S 7	S 8	S 14	SSE 15	S 17	S 15	S 18	SSE 18	SSE 28	SSE 15	S 32	S 23	S 25	S 23	S 21	S 22	S 21	S 21	S 23	S 40	18 C.S.T.
5	S 18	S 16	S 14	S 14	SSW 12	S 9	SSW 6	N 0	NNE 6	NNE 9	NNE 15	NNE 17	NNE 20	NNE 20	NNE 21	NNE 22	NNE 22	NNE 16	NNE 24	NNE 20	NNE 17	NNE 18	NNE 17	NNE 25	N 30	23 C.S.T.
6	N 17	N 20	N 17	N 15	N 18	N 15	N 10	NNW 9	NW 9	NW 8	NW 8	NNW 8	NNW 9	NNW 10	NNW 9	NNW 8	NNW 9	WSW 6	WSW 7	WSW 6	WSW 10	WSW 9	WSW 9	WSW 12	N 25	02 C.S.T.
7	W 12	W 14	W 12	W 10	W 13	W 9	WSW 10	WSW 13	WSW 16	WSW 17	WSW 17	WSW 17	WSW 17	WSW 17	WSW 17	WSW 15	WSW 17	WSW 20	WSW 18	WSW 18	WSW 16	WSW 13	WSW 14	WSW 15	W 26	19 C.S.T.
8	W 13	W 15	W 13	W 12	W 13	W 12	W 12	W 10	W 14	W 14	W 14	W 12	W 15	W 16	W 12	W 10	W 9	W 8	W 9	W 10	W 8	W 9	W 9	W 9	W 21	01 C.S.T.
9	W 9	WNW 6	W 6	WSW 7	W 3	W 6	WSW 1	WSW 0	SSW 5	S 5	SSE 5	S 7	S 12	S 8	S 10	S 9	SE 5	SE 6	SE 3	SSE 7	SSE 7	SSE 12	SSE 12	SSE 13	SE 23	06 C.S.T.
10	SSE 10	SSE 13	SSE 16	SSE 15	SE 10	SE 10	SE 10	SE 12	SE 12	SE 10	SE 12	SE 12	SE 10	SE 7	SE 7	SE 8	SSW 5	SSW 3	SSW 2	SSW 3	SSW 5	SSW 5	SSW 5	SSW 2	SE 23	06 C.S.T.
11	WNW 2	WNW 2	W 2	SSW 2	SSW 5	SSW 7	S 9	SSE 13	S 14	S 18	S 18	S 18	S 21	S 25	S 21	S 18	S 18	S 18	S 18	S 22	S 21	S 21	S 20	S 17	S 35	14 C.S.T.
12	S 14	S 12	SSE 10	SSE 9	SSE 7	ENE 6	ENE 5	NNW 9	NNW 18	NNW 18	NNW 20	NNW 17	NNW 22	NNW 16	NNW 14	NNW 15	NNW 13	NNW 13	NNW 9	NNW 10	NNW 9	NNW 6	NNW 5	NNW 25	11 C.S.T.	
13	SSW 3	SSW 6	SSW 7	SSW 5	W 6	W 7	WNW 7	WNW 7	WNW 10	WNW 12	WNW 12	WNW 12	WNW 14	WNW 14	WNW 14	WNW 12	WNW 14	WNW 15	WNW 14	WNW 10	WNW 7	WNW 6	WNW 6	WNW 5	W 22	17 C.S.T.
14	W 9	W 10	W 12	W 9	W 8	W 10	W 10	W 6	W 9	W 7	W 7	W 6	W 2	W 2	W 0	W 7	W 9	W 8	W 9	W 9	W 10	W 12	W 12	W 12	W 22	17 C.S.T.
15	SSE 14	SSE 9	SSE 8	SSE 8	SE 9	SE 8	ESE 7	ESE 7	SE 5	SE 3	SE 5	SE 0	SE 7	SE 9	SE 7	SE 7	W 9	W 8	WSW 6	WSW 6	WSW 9	WSW 10	WSW 10	WSW 12	W 22	17 C.S.T.

16	NNW W	WNW NW	NW	NNW W	WNW W	W	C	C	S	SSW	SSW	SSE	SSF	S	S	S	S	S	S	S	S	S	S	S	S	S	10 C.S.T.
7	7	9	9	10	8	6	1	2	3	3	0	0	6	7	7	6	6	9	9	12	14	9	14	9	14	9	21
17	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	07 C.S.T.
13	15	15	15	14	14	12	12	15	17	15	14	12	14	13	12	10	8	9	12	14	15	15	15	16	16	43	
18	SSE S	S	S	S	S	S	S	S	S	SSW	SSW	WSW	W	W	W	W	WNW	NNE	N	NNW	NNW	NNW	NNW	NNW	NNW	S	
15	17	23	25	23	28	29	29	29	23	21	15	16	12	8	7	8	10	13	10	15	23	20	23	20	23	43	
19	NNW	NNW	N	NNW	NNW	N	N	N	N	NNW	N	NW	W	NNW	SW	S	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW	S	N	
20	21	25	28	26	28	20	23	20	17	16	17	14	9	8	7	13	5	7	6	10	17	13	20	20	36		
20	S	S	SSW	SSW	S	SSW	SSW	S	SSW	SSW	WSW	W	WNW	NW	NNW	NNW	NNE	NNE	N	N	N	N	N	N	NNW	N	
13	15	16	14	10	10	8	6	5	6	8	8	8	9	8	10	10	10	20	14	16	21	13	12	12	26		
21	N	NNW	WNW	NW	NNW	C	WSW	W	NNW	NW	NNE	NE	NNE	NNE	N	N	N	N	N	NNE	N	N	NE	NE	NNE	29	
12	10	7	9	5	0	0	6	6	10	9	18	22	23	16	16	17	10	9	13	13	6	7	8	8	29		
22	NNE	NNE	ENE	E	SE	SE	SSE	SE	SE	SE	SSE	SE	SE	SE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	
3	3	8	7	7	8	9	9	10	12	12	12	14	17	16	18	20	20	20	16	14	14	12	14	14	30		
23	SE	SE	E	ESE	ESE	E	SE	SE	ESE	E	SE	SSE	SSE	SE	SE	SSF	ESE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE		
12	8	8	8	8	7	5	6	5	2	5	5	5	3	5	7	8	12	13	7	12	12	13	12	12	22		
24	E	ENE	NE	NE	NNF	NNE	NNE	NE	NNE	NNE	NNE	NE	NNE	NNE	N	NW	NW	NW	NW	NW	NW	NNW	NNW	NW	N	NNE	
10	9	7	12	5	10	9	9	7	12	7	7	7	10	7	5	6	6	5	8	8	10	8	8	8	22		
25	NNW	NNW	N	N	N	N	N	N	N	NNE	NNE	N	N	NNW	N	N	N	N	N	N	N	N	N	N	N	N	
6	6	9	9	12	10	13	10	13	15	16	16	16	15	15	15	15	15	14	14	17	15	15	15	15	25		
26	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	
15	12	13	13	12	12	12	12	12	12	10	9	6	5	7	5	6	3	3	5	0	3	5	5	7	25		
27	SSE	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	
9	12	9	16	18	16	17	22	22	22	26	31	32	35	31	37	33	32	30	33	28	26	16	12	12	49		
28	SW	W	W	W	NNW	NW	NNW	NNW	N	NNE	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
6	10	12	12	16	17	22	32	24	31	17	28	24	21	21	20	16	16	9	6	8	6	5	7	47			
29	E	SE	S	SSE	S	SSE	SSE	SSE	SSE	SE	E	NE	NNE	NNF	N	N	N	N	N	N	NNW	N	N	N	N	SE	
2	3	7	9	13	15	14	16	21	21	21	14	12	8	12	16	16	16	16	15	12	14	10	12	12	30		
30	NW	NNW	NW	NW	NNW	SW	WSW	WSW	SSW	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	
8	9	9	7	3	3	3	5	5	6	9	9	14	15	16	17	17	16	14	10	15	8	8	12	12	23		
31	W	NNW	NNW	W	SSW	SSW	S	SSW	S	SSW	WSW	WSW	W	NNW	NW	NNW	N	NNE	N	N	N	N	N	N	N	NNE	
9	10	8	7	3	7	6	7	8	7	9	10	9	18	17	25	29	25	23	23	24	16	23	18	18	36		

SUM

MEAN 10.510.811.111.510.911.010.510.911.712.412.813.013.912.814.013.512.412.811.913.012.912.012.9



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