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MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL



MONTH/MOIS JANUARY / JANVIER

AT/A WINNIPEG INT'L AIRPORT / AEROPORT INTERN. DE WINNIPEG

LAT: 49° 54' N		LONG: 97° 14' W		ELEVATION: ALTITUDE: 239.6 M		METRES (ASL) / MÈTRES (NNM) 239.6 M		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				
	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	HOURS / HEURES					
1	-25.4	-34.5	-30.0	48.0	0.0	90	67			0.6	0.6	33	9.0	WSW	NW 17	3.3				
2	-19.2	-26.6	-22.9	40.9	0.0	86	66			Tr.	Tr.	33	13.7	NW	WNW 17*	0.7				
3	-18.0	-28.2	-23.1	41.1	0.0	79	70			Tr.	Tr.	32	16.7	WNW	NNW 28	7.5				
4	-24.0	-29.5	-26.8	44.8	0.0	87	64			Tr.	Tr.	32	13.1	W	W 19	6.5				
5	-21.2	-30.5	-25.9	43.9	0.0	87	69			Tr.	Tr.	32	13.5	W	S 26	1.2				
6	-16.6	-28.8	-22.7	40.7	0.0	86	63			0.2	0.2	32	11.6	WNW	NW 15*	4.5				
7	-20.2	-29.8	-25.0	43.0	0.0	86	64			Tr.	Tr.	32	9.7	W	W 13	5.9				
8	-12.9	-28.1	-20.5	38.5	0.0	84	70			0.8	Tr.	33	18.3	N	NW 37	5.6				
9	-25.0	-32.3	-28.7	46.7	0.0	100	69			Tr.	0.5	33	6.7	WNW	NNW 9*	3.9				
10	-25.4	-32.8	-29.1	47.1	0.0	88	68			Tr.	Tr.	32	8.2	SSW	SSW 11*	5.9				
11	-25.8	-35.1	-30.5	48.5	0.0	90	73			Tr.	Tr.	32	6.7	S	SSW 11*	4.7				
12	-25.2	-37.7	-31.5	49.5	0.0	92	76			Tr.	Tr.	32	4.7	WNW	WNW 9	7.0				
13	-25.7	-32.2	-29.0	47.0	0.0	88	68			Tr.	Tr.	32	7.4	WNW	WNW 11	7.4				
14	-24.5	-32.7	-28.6	46.6	0.0	87	62			Tr.	Tr.	32	10.3	WNW	WNW 15*	7.7				
15	-26.1	-35.0	-30.6	48.6	0.0	89	67			Tr.	Tr.	32	7.2	WNW	W 9	7.3				
16	-20.0	-36.6	-26.8	44.8	0.0	89	71			1.2	1.2	32	12.2	SE	SE 24	1.1				
17	-20.3	-31.1	-25.7	43.7	0.0	97	76			Tr.	Tr.	33	8.7	S	S 24	3.5				
18	-8.3	-24.4	-16.4	34.4	0.0	88	78					33	31.0	S	S 41*	0.8				
19	-6.7	-11.6	-9.2	27.2	0.0	88	78			Tr.	Tr.	33	22.7	S	S 37	2.5				
20	-5.2	-11.1	-8.2	26.2	0.0	89	77			1.2	1.2	32	14.5	NW	N 33	0.1				
21	-5.8	-13.9	-9.9	27.9	0.0	87	77			0.2	0.2	33	17.2	NE	N 28	0.0				
22	-13.7	-26.6	-20.2	38.2	0.0	86	70			Tr.	Tr.	32	17.8	N, NNE	N 28	8.0				
23	-17.6	-25.7	-21.7	39.7	0.0	86	71			0.2	0.2	32	4.0	NNW	N 13*	2.6				
24	-16.0	-28.3	-22.2	40.2	0.0	86	71			0.2	0.2	32	18.1	S	SSE 31	1.1				
25	-12.0	-16.0	-14.0	32.0	0.0	83	76			1.6	1.6	33	19.8	SSE	SSE 31	0.0				
26	-13.3	-24.0	-18.7	36.7	0.0	87	71			Tr.	Tr.	33	11.4	NW	NW 19	7.2				
27	-15.2	-25.5	-20.4	38.4	0.0	81	73			Tr.	Tr.	33	13.0	NNW	N 22	6.0				
28	-14.9	-20.5	-17.7	35.7	0.0	84	77			0.3	0.3	32	17.8	N	N 22*	0.5				
29	-14.7	-19.5	-17.1	35.1	0.0	85	77			2.2	2.2	33	10.8	NNW	NW 15	0.0				
30	-16.1	-26.0	-21.1	39.1	0.0	94	71			0.6	0.6	35	10.0	NW	NNW 11*	4.9				
31	-18.2	-28.7	-23.5	41.5	0.0	88	67			Tr.	Tr.	35	5.8	S	S 19	6.2				
MEAN / MOYENNE	-17.8	-27.1	-22.5	1255.7	0.0	88	71	TOTAL	TOTAL	9.3	9.0		12.6	**WNW DOMINANTE	S 41	123.6				
NORMAL NORMALE	-13.4	-23.2	-18.3	1125.6	0.0			0.0	0.3	24.9	23.6		19.5	NW	57	112.5				
DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS											DAYS WITH TOTAL PRECIPITATION: / JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: / JOURS AVEC CHÔTE 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	1255.7	1212.4	1125.6	TOTAL FOR MONTH / TOTAL DU MOIS	0.0	0.0	Nil													
ACCUMULATED SINCE JULY 1 / ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	374.7	3613.5	3371.6	ACCUMULATED SINCE APRIL 1 / ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1857.9	1930.7	1787.8	12	4	1	0	0	12	4	1	0	0			

UDC 551.506.1 ()

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

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)

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*WNW - by Kms south

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COMPARATIVE RECORDS RELEVÉS COMPARATIFS		MONTH MOIS JANUARY / JANVIER											19 79	
Temperature/Température — Celsius Precipitation/Précipitation — Millimetres (mm) Rainfall/Hauteur de pluie — Millimetres (mm) Snowfall/Hauteur de neige — Centimetres (cm) Wind speed/Vitesse du vent — Kilometres/par heure (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						YEARS OF RECORD ANNÉES D'OBSERVATIONS			
		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	5.2	20	-2.1	23	0.0	7.8	23	1942	-11.7	11	1950	108		
LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE	-37.7	12	-33.3	16	-35.6	-25.0	14	1931	-44.4	15	1877	108		
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	-22.5		-21.1		-18.3	-10.6		1944	-26.9		1875	108		
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	Ni1		Ni1		0.3	3.8		1944	Ni1 (Most Years 1881)			108		
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	9.3		10.9		24.9	85.3		1916	2.8	1902,	1973	108		
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	9.0		10.3		23.6	85.3		1916	2.5		1973 1903	108		
NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE	12		8		12	20		1954	3		1973	96		
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	Ni1		Ni1			3.8	20	1944				108		
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	2.2*	29	2.8	6, 25		31.8	2	1907				108		
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	2.2*	29	*2.8	6,25		31.8	2	1907				108		
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	Ni1		Ni1			3.8	20	1944				108		
MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h)	12.6		18.6		19.5	22.9		1947 1948	12.6		1979	59		
MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h)	S 41	18	NNE65	25	57	N 79	13	1942				41		
MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h)	S 59	18	NNE80	25	76	S 93 NW93*	11	1959 1975				34		
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION	123.6		144.5		112.5	160.3		1959	63.5		1931	80		
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)	99.14		99.55		98.96	99.72		1966	98.21		1947	41		
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa)	100.76	10	101.09	8	100.83	102.07	10	1949				41		
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)	97.91	8	97.02	24	96.65				94.81	14	1947	41		
CLIMATOLOGICAL DATA FOR THE PAST DONNÉES CLIMATOLOGIQUES POUR LES													TEN / DIX (10)	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 CHAUFFE	GROWING DEGREE-DAYS DEGRÉS-JOURS DE CROISSANCE			
1970	-1.7	-38.3	-19.9	Tr.	32.3	22.9	16.6	S 43	108.9	1178.3				
1971	-3.3	-36.1	-22.5	Ni1	15.2	10.7	17.5	S, SSE56	149.2	1257.8				
1972	1.1	-38.9	-22.0	Ni1	18.8	16.0	16.7	S 58	144.1	1242.2				
1973	5.6	-38.9	-14.0	1.8	2.8	2.5	15.8	NNW43	141.2	990.0				
1974	-2.2	-41.7	-22.4	0.5	40.4	39.1	15.3	SSE48	123.2	1255.6				
1975	-2.1	-33.0	-15.9	0.3	51.7	45.9	17.5	NW 66*	101.9	1055.1				
1976	3.3	-35.8	-18.1	Tr.	37.2	29.8	19.6	S 60	108.7	1120.3				
1977	-1.2	-38.0	-21.0	Tr.	12.9	12.5	16.0	N 57	116.3	1208.4				
1978	-2.1	-33.3	-21.1	Ni1	10.9	10.3	18.6	NNE65	144.5	1212.4				
1979	-5.2	-37.7	-22.5	Ni1	9.3	9.0	12.6	S 41	123.6	1255.7				

*Tower wind NW 106 - 1975 - 11th

*2.2 - also 29-30

*3.2 - 24-25

January 1979 was colder, sunnier and drier than normal. The wind at an average of 12.6 Km/h broke the all time record low average of 13.7 set in 1930, and 1936. The normal is 19.5 Km/h. The first 17 days of the month were continuously below normal and had an average of -26.9°C . However, a warming trend beginning on the 18th raised the mean temperature to -22.5°C by the end of the month which is only 4.2° below normal. The snowfall of 9.3CM and precipitation of 9.0MM were considerably below the normals of 24.9CM and 23.6MM. There were no blizzards and no freezing precipitation but 5 days of heavy fog equalled the record set in 1973. The normal number is 1.7.

DAILY WEATHER SUMMARY FOR JANUARY 1979

AT WINNIPEG, MANITOBA

1. Very cold. Sunny becoming cloudy in the afternoon. Winds light. Light snow 12:12 p.m. to 5:00 p.m. Ice crystals 5:00 p.m. continued. Light ice fog in the morning. Visibility restricted.
2. Below normal temperatures. Mostly cloudy. Ice crystals to 6:58 a.m., 8:00 p.m. to 9:50 p.m. Snow 9:24 a.m. to 2:20 p.m., 11:16 p.m. continued. Light winds.
3. Below normal temperatures. Mostly sunny. Light snow to 5:45 a.m. Ice crystals 07:00 a.m. to 07:58 a.m., 6:53 p.m. continued. Mostly light winds but gusty NNW winds in the afternoon. Blowing snow 12:45 p.m. to 1:25 p.m. Drifting snow.
4. Cold. Sunny. Light winds. Ice crystals to 1:58 a.m., 5:58 a.m. to 6:55 a.m.
5. Cold. Mostly cloudy. Light snow 11:05 p.m. continued. Blowing snow 2:40 p.m. to 5:01 p.m. Gusty south winds in the afternoon otherwise light winds.
6. Below normal temperatures. Partly cloudy. Snow to 9:10 a.m. Ice crystals 9:57 a.m. to 10:31 a.m., 11:54 p.m. continued. Light winds. Visibility restricted in the morning.
7. Cold. Sunny. Ice crystals to 00:20 a.m., 10:53 p.m. continued. Snow 10:27 p.m. to 10:53 p.m. Light winds.
8. Below normal temperatures. Partly cloudy. Ice crystals to 00:13 a.m., 1:30 p.m. to 1:40 p.m., 2:47 p.m. to 3:50 p.m. Snow 00:13 a.m. to 8:55 a.m. Blowing snow 2:57 p.m. to 3:40 p.m. Visibility restricted early morning and late afternoon. Gusty NW wind in the afternoon.
9. Very cold. Partly cloudy. Ice crystals 10:55 a.m. to 11:35 a.m., 2:15 p.m. to 6:58 p.m. Light winds. Smoke over the city. Light ice fog in the morning. Visibility restricted in the morning and late afternoon.
10. Very cold. Mostly sunny. Ice crystals 2:57 a.m. to 12:50 p.m. Heavy ice fog 9:27 a.m. to 9:59 a.m. Light ice fog till late morning and also in late evening. Visibility reduced. Light winds.
11. Very cold. Mostly sunny. Ice crystals 9:08 a.m. to 4:58 p.m., 10:58 p.m. to 11:58 p.m. Snow or snow grains 2:43 p.m. to 8:45 p.m. Heavy ice fog 8:10 a.m. to 8:45 a.m. Light ice fog till mid-afternoon. Visibility reduced. Light winds.
12. Very cold. Sunny. Ice crystals 00:30 a.m. to 9:58 p.m., 11:58 p.m. continued. Heavy ice fog 7:58 a.m. to 8:55 a.m. Light ice fog till evening. Light winds. Visibility reduced. Temp. of -43 recorded at Grand Marais 6:00 to 8:00 a.m.
13. Very cold. Sunny. Ice crystals to 12:50 p.m. Light ice fog in the morning. Visibility reduced. Light winds.
14. Very cold. Sunny. Light winds.
15. Very cold. Sunny. Ice crystals 00:50 a.m. to 8:54 a.m. Heavy ice fog 7:22 a.m. to 8:48 a.m. Visibility severely restricted. Light winds.
16. Very cold. Cloudy. Light winds. Snow or ice crystals 1:34 p.m. continued. Light ice fog in the morning. Visibility restricted in ice fog and snow.
17. Very cold. Partly cloudy. Ice crystals to 5:55 p.m. Light ice fog. Visibility restricted. Light winds.
18. Above normal temperatures. Cloudy. Moderate winds. Gusty south winds. Blowing snow 9:35 a.m. to 1:38 p.m. Drifting snow. Visibility reduced late morning and early afternoon.
19. Mild. Mostly cloudy. Snow 00:20 a.m. to 10:25 a.m. Drifting snow. Moderate south winds.
20. Mild. Cloudy. Snow 4:49 a.m. to 6:03 p.m., 9:45 p.m. continued. Mostly light winds. Visibility reduced in snow.
21. Mild. Cloudy. Snow to 12:25 p.m., 11:12 p.m. to 11:35 p.m. Mostly light winds.
22. Near normal temperatures. Sunny. Snow 00:08 a.m. to 3:12 a.m. Ice crystals 5:50 a.m. to 7:08 a.m. Mostly light winds.
23. Below normal temperatures. Partly cloudy. Snow 00:40 a.m. to 11:00 a.m. Ice crystals 2:28 a.m. to 10:45 p.m. Light winds.
24. Below normal temperatures. Mostly cloudy. Ice crystals 00:27 a.m. to 1:47 p.m., 10:28 p.m. to 10:45 p.m. Snow 10:45 p.m. continued. Heavy ice fog 8:23 a.m. to 11:55 a.m. Visibility severely restricted. Light ice fog till early afternoon. Light winds.
25. Above normal temperatures. Cloudy. Snow most of the day. Mostly light winds but gusty SSE in the morning.
26. Near normal temperatures. Sunny. Light snow to 06:45 a.m. Ice crystals 10:30 p.m. to 11:45 p.m. Light winds.
27. Below normal temperatures. Sunny. Ice crystals 9:30 a.m. to 1:50 p.m., 3:27 p.m. continued. Light winds. Visibility restricted in the evening.
28. Above normal temperatures. Cloudy. Ice crystals to 5:58 a.m., 9:57 a.m. continued. Snow 1:50 a.m. to 3:00 a.m., 8:50 p.m. continued. Light winds. Visibility restricted in the evening.
29. Above normal temperatures. Cloudy. Ice crystals to 7:25 a.m., 9:55 p.m. continued. Snow to 01:55 a.m., 7:25 a.m. continued. Visibility restricted. Light winds.
30. Below normal temperatures. Mostly sunny. Snow to 4:58 a.m. Ice crystals to 2:56 p.m., 11:50 p.m. continued. Light winds.
31. Below normal temperatures. Sunny. Ice crystals to 2:50 p.m. Light ice fog and smoke till afternoon. Visibility restricted. Light winds.

HOURLY WETBULB TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JANUARY

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.	-31.2	-31.5	-31.7	-32.7	-32.9	-33.5	-34.1	-34.4	-34.4	-34.1	-33.8	-31.5	-31.0	-30.1	-28.8	-27.6	-27.7	-28.2	-28.5	-28.7	-26.3	-26.2	-25.6	-26.0
2.	-26.1	-25.9	-25.7	-24.7	-25.8	-23.5	-22.6	-22.8	-23.1	-23.1	-22.2	-22.3	-21.4	-20.3	-19.6	-20.5	-21.3	-22.5	-23.0	-24.0	-24.3	-23.7	-24.1	-23.5
3.	-23.3	-20.9	-19.7	-19.9	-18.3	-18.5	-19.6	-19.6	-20.9	-22.3	-22.9	-22.9	-22.7	-22.6	-22.9	-23.3	-24.9	-25.1	-25.9	-26.9	-26.2	-26.2	-26.1	-27.1
4.	-27.1	-28.0	-27.6	-27.6	-27.3	-27.0	-27.6	-29.4	-29.4	-29.1	-28.4	-27.8	-27.0	-25.8	-25.0	-24.7	-25.9	-26.5	-26.7	-27.6	-27.5	-27.5	-27.5	-27.7
5.	-28.0	-28.2	-27.8	-29.8	-29.8	-30.2	-30.2	-30.4	-30.5	-30.3	-30.0	-27.3	-25.6	-24.1	-24.0	-23.5	-22.7	-22.8	-22.5	-23.2	-22.3	-22.3	-22.3	-22.9
6.	-21.5	-19.1	-18.8	-17.7	-17.7	-17.6	-21.3	-21.3	-17.4	-17.8	-17.7	-18.5	-18.0	-17.9	-18.0	-19.6	-19.4	-20.9	-21.0	-22.6	-23.7	-23.3	-24.0	-26.6
7.	-27.7	-27.0	-28.0	-26.3	-27.0	-28.1	-28.6	-28.2	-28.8	-27.8	-28.6	-27.4	-26.4	-24.9	-24.7	-24.9	-25.2	-25.7	-25.8	-26.8	-25.4	-25.0	-24.3	-22.2
8.	-20.3	-17.1	-16.0	-15.6	-14.8	-15.0	-14.8	-14.9	-14.6	-14.4	-14.5	-14.1	-13.5	-13.6	-14.1	-17.2	-19.6	-21.5	-22.6	-24.0	-25.5	-26.5	-27.5	-27.5
9.	-28.1	-29.0	-29.8	-30.4	-31.0	-31.2	-30.4	-31.7	-31.0	-30.0	-28.9	-27.0	-26.1	-26.4	-26.0	-26.0	-26.2	-27.8	-29.4	-30.7	-30.9	-30.8	-31.4	-32.4
10.	-31.9	-30.9	-31.6	-31.5	-31.2	-31.2	-32.5	-32.4	-31.4	-31.2	-31.2	-28.3	-27.9	-26.0	-26.9	-27.3	-27.7	-28.0	-29.1	-30.2	-30.2	-30.9	-31.9	-32.4
11.	-32.4	-32.2	-32.9	-34.0	-34.6	-34.5	-34.2	-33.9	-34.8	-34.6	-32.9	-32.5	-30.7	-27.6	-27.0	-26.9	-26.9	-27.5	-26.6	-26.3	-28.7	-31.5	-32.0	-33.0
12.	-33.0	-35.6	-35.2	-35.4	-35.5	-36.0	M88.	-35.4	-36.2	-36.5	-34.2	-29.7	-29.4	-27.7	-26.6	-28.9	-26.3	-28.0	-28.6	-28.7	-29.9	-30.4	-31.1	-31.1
13.	-29.9	-30.3	-32.1	-30.7	-30.7	-30.0	-29.1	-28.6	-30.1	-31.1	-30.1	-28.3	-29.2	-28.8	-28.1	-26.7	-26.3	-28.8	-29.0	-28.5	-29.5	-29.5	-30.2	-30.2
14.	-30.5	-30.9	-31.4	-32.7	-32.1	-30.5	-30.5	-30.6	-31.4	-31.0	-30.4	-28.9	-26.8	-26.1	-25.8	-25.4	-25.1	-26.2	-27.2	-28.7	-28.7	-28.7	-27.5	-27.5
15.	-29.0	-31.4	-31.5	-31.9	-31.6	-32.7	-33.1	-33.1	-34.0	-32.7	-31.2	-30.1	-28.8	-26.8	-27.6	-27.3	-27.5	-29.3	-29.5	-29.5	-31.9	-31.9	-32.5	-32.6
16.	-31.8	-30.9	-31.4	-33.5	-32.3	-32.8	-32.0	-31.2	-30.7	-29.0	-28.5	-26.1	-26.1	-26.1	-24.5	-22.7	-21.4	-20.7	-20.5	-20.1	-20.3	-21.1	-21.0	-21.1
17.	-23.6	-24.4	-24.0	-23.5	-23.5	-23.0	-22.0	-22.1	-21.0	-19.5	-18.7	-18.1	-17.0	-15.5	-15.0	-14.3	-13.4	-12.5	-12.2	-12.0	-12.0	-11.1	-10.8	-9.5
18.	-8.9	-8.0	-7.7	-7.5	-7.8	-7.9	-7.7	-7.3	-7.4	-7.5	-7.8	-8.2	-8.1	-8.0	-8.0	-8.0	-8.0	-8.2	-8.2	-8.7	-9.7	-10.7	-9.8	-9.0
19.	-9.0	-9.2	-9.2	-9.2	-9.4	-9.7	-10.1	-9.9	-9.8	-9.8	-9.8	-9.8	-10.1	-11.1	-10.7	-10.2	-9.3	-9.1	-9.2	-8.7	-8.3	-7.7	-7.2	-6.1
20.	-6.8	-6.8	-6.9	-6.6	-7.2	-7.7	-8.5	-8.2	-8.8	-9.4	-9.5	-9.1	-10.8	-11.2	-11.4	-11.4	-11.2	-11.4	-11.8	-12.5	-12.6	-13.0	-13.5	-14.0
21.	-14.1	-14.5	-15.2	-15.7	-16.5	-17.3	-17.4	-18.8	-20.4	-21.8	-21.5	-20.5	-19.9	-17.0	-17.5	-17.0	-18.0	-21.0	-23.3	-23.7	-23.5	-25.6	-26.5	-26.5
22.	-24.5	-23.8	-23.1	-25.3	-24.9	-24.5	-24.0	-23.6	-23.8	-25.0	-22.6	-22.1	-21.7	-20.1	-19.5	-19.4	-19.7	-20.9	-22.2	-24.3	-23.4	-23.4	-23.5	-25.1
23.	-25.0	-25.8	-27.1	-27.7	-27.8	-27.9	-28.2	-27.2	-27.3	-26.2	-24.2	-23.0	-21.6	-20.4	-19.3	-18.8	-18.9	-19.2	-19.2	-19.2	-18.8	-18.6	-17.8	-16.9
24.	-16.2	-15.4	-15.0	-15.0	-14.6	-14.6	-14.0	-13.6	-13.1	-13.1	-13.0	-13.1	-13.1	-13.1	-12.8	-12.6	-12.7	-12.5	-14.0	-14.4	-13.2	-13.1	-13.0	-12.9
25.	-13.7	-14.1	-14.9	-14.9	-15.5	-16.1	-16.2	-16.2	-19.7	-20.3	-20.3	-19.7	-19.3	-18.0	-17.3	-17.3	-17.6	-18.5	-20.0	-21.5	-21.3	-21.5	-22.9	-23.9
26.	-23.5	-24.0	-24.8	-24.8	-24.0	-24.0	-24.5	-24.5	-25.2	-25.0	-24.1	-23.4	-22.1	-21.5	-20.6	-19.8	-20.3	-21.0	-21.3	-19.0	-18.7	-17.6	-15.6	-15.6
27.	-17.3	-19.8	-17.6	-18.0	-18.2	-20.0	-20.5	-20.1	-19.0	-18.6	-18.0	-17.1	-16.1	-15.6	-15.3	-15.3	-15.3	-16.8	-15.3	-15.2	-16.1	-17.3	-16.7	-16.4
28.	-15.5	-15.3	-16.1	-17.4	-16.7	-16.8	-16.8	-16.8	-17.0	-16.7	-16.6	-16.5	-16.4	-16.5	-16.4	-16.0	-15.5	-15.4	-15.7	-15.9	-16.8	-16.8	-18.5	-18.0
29.	-17.5	-16.8	-17.5	-17.5	-18.5	-19.2	-20.5	-21.2	-21.2	-21.2	-21.2	-18.5	-17.9	-17.1	-16.9	-17.6	-17.3	-18.0	-18.9	-20.6	-22.6	-22.8	-23.3	-24.5
30.	-25.5	-25.0	-25.8	-25.8	-25.0	-25.9	-27.4	-28.5	-27.5	-27.4	-26.1	-25.0	-23.4	-19.5	-20.0	-21.0	-22.1	-22.7	-24.3	-24.5	-24.7	-25.4	-25.7	-25.2
31.	-22.9	-23.1	-23.3	-23.6	-23.5	-23.7	-23.6	-24.0	-24.1	-24.1	-23.4	-22.4	-21.7	-20.7	-20.3	-20.2	-20.3	-21.0	-21.6	-22.1	-22.3	-22.6	-22.7	-22.1

00 CST - Jan. 12th - Missing due to extreme cold.

