



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS DECEMBER/DECEMBRE

19 83

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

LAT: 49. 54 N		LONG: 97. 14 W		ELEVATION: ALTITUDE: METRES (ASL) MÉTRES (NMM) 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. 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	-12.1	-19.1	-15.6	33.6	0.0	82	73				4	12.6	SSW	W20*	5.8	
2	-13.0	-20.6	-16.8	34.8	0.0	83	67			Tr.	4	14.0	S	S24	6.5	
3	-9.0	-17.9	-13.5	31.5	0.0	86	75			Tr.	4	25.9	S	S37*	5.1	
4	-8.3	-13.6	-11.0	29.0	0.0	85	70			Tr.	4	7.6	W	W17	5.3	
5	-10.2	-21.5	-15.9	33.9	0.0	88	73			Tr.	4	5.8	W CALM	N15	6.4	
6	-9.5	-23.8	-16.7	34.7	0.0	93	73			Tr.	4	6.4	S	SI7*	0.0	
7	-10.3	-15.2	-12.8	30.8	0.0	95	75			0.8	4	6.5	WNW	WNW13	2.5	
8	-12.7	-25.2	-19.0	37.0	0.0	94	53			0.4	4	15.4	W	NNW37	7.6	
9	-21.6	-27.6	-24.6	42.6	0.0	69	54				4	7.4	W,WSW	W13	4.9	
10	-14.6	-28.0	-21.3	39.3	0.0	74	55			1.4	4	18.2	E	E33	0.7	
11	-11.7	-24.8	-18.3	36.3	0.0	92	67			2.0	6	14.8	WNW	ESE22*	1.9	
12	-15.0	-26.0	-20.5	38.5	0.0	78	70				7	5.2	CalM	NW13	0.0	
13	-10.4	-20.0	-15.2	33.2	0.0	81	71				7	4.2	N	SE9*	5.3	
14	-10.7	-21.8	-16.3	34.3	0.0	87	70			TR	6	23.8	N	N46	2.2	
15	-16.6	-28.3	-22.5	40.5	0.0	75	55			0.2	6	31.4	N	N43	6.5	
16	-23.4	-30.8	-27.1	45.1	0.0	76	57			0.2	6	10.0	NNW	N19	4.8	
17	-27.3	-31.2	-29.3	47.3	0.0	66	53			TR.	5	11.2	W	W15	6.9	
18	-26.8	-32.1	-29.5	47.5	0.0	74	49				5	11.0	W	W15*	7.4	
19	-25.6	-33.0	-29.3	47.3	0.0	74	52				5	6.7	S	S15	7.4	
20	-23.0	-31.6	-27.3	45.3	0.0	74	53				5	13.3	S	S19	4.1	
21	-21.7	-26.2	-24.0	42.0	0.0	72	61			2.0	5	11.1	NW	NW22	4.4	
22	-26.2	-31.3	-28.8	46.8	0.0	68	56			TR.	6	21.8	WNW	WNW30	6.7	
23	-26.5	-32.8	-29.7	47.7	0.0	68	56			0.2	5	23.9	W	NNW41	0.0	
24	-21.2	-29.2	-25.2	43.2	0.0	74	53			0.8	5	27.2	W	NNW39	4.8	
25	-11.1	-24.0	-17.6	35.6	0.0	88	63			0.4	5	15.0	W	W20	0.0	
26	-8.7	-17.2	-13.0	31.0	0.0	87	67			TR.	5	14.3	W	W22	1.4	
27	-13.1	-18.0	-15.6	33.6	0.0	94	59			0.4	5	10.1	SW,C	WNW20	5.2	
28	-17.3	-23.6	-20.5	38.5	0.0	88	62			TR.	4	15.9	WNW	NW24*	6.5	
29	-10.9	-24.9	-17.9	35.9	0.0	71	55				4	18.5	W	SW26	6.9	
30	-12.7	-20.1	-16.4	34.4	0.0	73	53				4	13.1	S	S20*	6.8	
31	-12.9	-24.2	-18.6	36.6	0.0	75	65				4	9.9	NNE, NE	N19	4.6	
MEAN MOYENNE	-15.9	-24.6	-20.3	1187.8	0.0	80	62	TOTAL	TOTAL	TOTAL	TOTAL	13.9	PREVAILING W DOMINANTE	MAXIMUM N46	TOTAL 138.6	
NORMAL NORMALE	-9.4	-18.6	-14.0	991.8	0.0			0	0.9	20.7	19.2	18.6	S	54	92.6	

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	DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS TOTALES: mm					DAYS WITH SNOWFALL: JOURS AVEC CHÔTE DE NEIGE: cm				
								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	1187.8	862.7	991.8	TOTAL FOR MONTH TOTAL DU MOIS	0.0	0.4	0.0	10	3	0	0	0	11	3	2	0	0
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET	2366.6	2217.8	2279.9	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL	1906.2	1706.4	1783.3	10	3	0	0	0	11	3	2	0	0

UDC 551.506.1 ()

Subscription Price: \$1.11 monthly, \$11.18 per calendar year (January to December)
 Prix d'abonnement: mensuel \$1.11, annuel \$11.18 (janvier à décembre)



This month was tied with December 1933 as the coldest temperature this century and the fifth coldest on record. The maximum temperatures stayed below normal for the first 25 days of the month. The mean temperature of -20.3°C was 6.3 degrees below normal.

The month with only 5.7 mm of precipitation, ranked as the sixth driest on record. Sunshine was plentiful with 138.6 hours making it the second sunniest on record. December 1978 had 139.5 hours. Winds were below normal averaging 13.9 Km/h.

DAILY WEATHER SUMMARY FOR DECEMBER 1983

AT WINNIPEG, MANITOBA

1. Below normal temperatures. Mostly sunny. Light winds.
2. Below normal temperatures. Mostly sunny. Snow 00:57 AM to 01:23 AM. Ice crystals 1:21 PM to 6:31 PM. Mostly light winds but S gust to 35 Km/h late evening. Smoke over city in afternoon.
3. Below normal temperatures. Mostly sunny. Ice crystals 3:47 AM to 8:07 AM. Blowing snow 6:30 AM to 10:45 AM. Moderate winds with S gust to 54 Km/h in morning. Drifting snow. Visibility restricted till mid morning.
4. Slightly above normal temperature. Cloudy clearing mid morning becoming cloudy late afternoon. Snow 4:15 AM to 6:15 AM. Light winds.
5. Below normal temperature. Cloudy clearing mid morning. Snow 05:45 to 6:35 AM. Ice crystals 1:09 PM to 1:31 PM 9:55 PM continued. Light winds. Smoke over city in evening.
6. Cold. Cloudy. Ice crystals to 6:55 AM, 7:35 AM to 09:00 AM. Snow 6:55 AM to 7:35 AM, 09:00 AM to 12:35 PM. Light winds. Smoke over city in morning. Light fog in morning and early afternoon. Visibility restricted.
7. Slightly below normal temperatures. Mostly cloudy. Snow 3:37 AM to 5:25 AM. Ice crystals 5:25 AM to 6:25 AM. Snow 6:25 AM to 1:12 PM. Ice crystals 9:46 PM to 10:41 PM. 11:50 PM continued. Snow 10:41 PM to 11:50 PM. Visibility restricted. Mostly light winds but N gust to 33 Km/h in late evening.
8. Cold. Sunny. Ice crystals to 00:31 AM. Snow 00:59 AM to 4:51 AM. Blowing snow 01:55 AM to 3:10 AM. Mostly light winds but NNW gust to 46 Km/h early morning. Visibility reduced in morning in snow and blowing snow. Drifting snow.
9. Cold. Mostly sunny. Light winds.
10. Cold. Mostly cloudy. Snow 3:55 PM continued. Mostly light winds but E gust to 43 Km/h in evening. Drifting snow. Visibility reduced in evening.
11. Still cold. Mostly cloudy. Snow to 1:37 PM. Mostly light winds but WNW gust to 33 Km/h in afternoon. Visibility reduced in snow. Drifting snow.
12. Cold. Cloudy. Light winds. Light fog in morning. Visibility reduced.
13. Slightly below normal temperature. Mostly sunny. Light winds. Smoke over city in evening.
14. Below normal temperature. Sunny becoming cloudy early afternoon. Snow 12:35 PM continued. Blowing snow 4:30 PM to 4:35 PM. 8:43 PM to 9:48 PM. Drifting snow. Visibility reduced in snow and blowing snow. Moderate winds with N gust to 57 Km/h in evening. Smoke over city in morning. Fog patches mid morning.
15. Cold. Cloudy. Clearing mid morning. Snow to 9:35 AM. Blowing snow 2:33 AM to 9:19 AM. 10:30 AM to 1:10 PM. Fresh winds with N gust to 56 Km/h in morning. Drifting snow. Visibility reduced in snow and blowing snow.
16. Very cold. Partly cloudy. Snow 9:09 AM to 9:23 AM, 12:17 PM to 1:17 PM. Ice crystals 11:49 to 12:17 PM. 1:17 PM to 1:53 PM. Light winds.
17. Very cold. Sunny. Ice crystals 5:43 AM to 7:20 AM. 6:50 PM to 10:50 PM. Light winds.
18. Very cold. Sunny. Light winds. Fire in NW 717 at Winnipeg Airport, engine wings, tarmac on fire but no injuries. Firefighters fast. Fire due to "wet starting".
19. Very cold. Sunny. Light winds. Visibility restricted in light ice fog in morning. Smoke over city in evening.
20. Still very cold. Partly cloudy. Light winds. Light ice fog in morning. Visibility restricted.
21. Cold. Cloudy clearing late afternoon. Snow 00:35 AM to 1:51 PM 3:24 PM to 10:22 PM. Ice crystals 10:22 PM continued. Visibility restricted in snow. Mostly light winds but drifting snow late evening.
22. Very cold. Mostly sunny. Ice crystals to 08:00 AM, 7:56 PM continued. Blowing snow 2:30 PM to 3:25 PM. Drifting snow till late afternoon. Visibility restricted in blowing snow. Moderate WNW winds with WNW gust to 39 Km/h in afternoon. Cold weather caused E bound VIA rail to run 23 hrs. late. Passengers flown to Toronto. A dozen hungry wolves snared outside of Thompson after dogs attacked.
23. VIA rail still running late. Rails damaged by the cold. Passengers flown to Toronto. Very cold. Cloudy. Ice crystals to 10:10 AM, 11:50 to 1:00 PM, 9:32 PM continued. Snow 10:10 AM to 11:50 AM, 1:00 PM to 6:55 PM, 8:57 PM to 9:32 PM. Moderate winds with NNW gust to 50 late evening. Blowing snow 12:20 PM to 6:40 PM. 7:55 PM continued. Visibility restricted. Drifting snow.
24. Numerous water main breaks in Winnipeg. Icy streets caused accidents. House fires. Still very cold. Partly cloudy. Ice crystals to 6:32 AM. Blowing snow to 00:39 AM, 11:04 AM to 9:55 PM. Snow 4:54 PM to 9:59 PM. Ice crystals 9:59 PM continued. Moderate winds with W gust to 61 Km/h in afternoon. Drifting snow. Visibility restricted.
25. Below normal temperatures. Cloudy. Ice crystals to 4:42 AM. Snow 7:13 AM to 2:33 PM. Snow grains 2:33 PM to 4:48 PM. Snow 3:38 PM to 9:02 PM. Mostly light winds. Drifting snow. Visibility restricted in snow.
26. Above normal temperatures. Mostly cloudy. 1st day above normal since 4th of December. Snow 5:21 AM to 6:31 AM. Ice crystals 9:59 AM to 2:12 PM. Snow 2:12 PM to 2:59 PM. Ice crystals 2:59 PM to 4:37 PM. Mostly light winds but WNW gust to 31 Km/h in morning.
27. Still above normal temperature. Partly cloudy. Snow 4:06 AM to 6:21 AM 3:16 PM to 6:10 PM. Ice crystals 6:16 PM to 6:55 PM. Snow 6:55 PM to 7:58 PM. Light winds. Visibility restricted in snow.
28. Below normal temperature. Mostly sunny. Drifting snow. Snow or flurries 3:38 PM to 5:08 PM, 9:25 PM to 11:40 PM. Visibility restricted in snow. Mostly light winds but NW gust to 33 Km/h in evening.
29. Below normal temperatures. Mostly sunny. Mostly light winds but W gust to 39 Km/h in evening. Drifting snow.
30. Above normal temperatures. Sunny. Mostly light winds but S gust to 31 Km/h in morning.
31. Below normal temperatures. Partly cloudy. Smoke over city in morning, light winds

HOURLY DEWPOINT TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF DECEMBER 1983
 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.	-20.4	-18.7	-19.8	-20.3	-21.2	-21.2	-21.7	-22.0	-22.3	-20.6	-18.5	-17.3	-16.9	-16.7	-16.0	-16.1	-15.7	-16.2	-16.7	-16.9	-17.0	-17.9	-17.9	-17.9
2.	-16.4	-15.4	-15.9	-17.1	-17.9	-20.1	-20.9	-21.4	-22.3	-22.4	-20.9	-20.1	-20.3	-19.3	-19.4	-20.5	-21.0	-21.3	-21.7	-21.3	-21.9	-22.0	-21.3	-20.7
3.	-20.9	-20.5	-19.9	-19.0	-19.3	-19.2	-19.0	-19.0	-19.2	-19.2	-18.1	-16.9	-15.9	-14.1	-13.1	-12.8	-11.9	-11.5	-11.6	-11.9	-13.0	-13.5	-14.0	-14.3
4.	-15.0	-15.5	-14.6	-13.5	-12.2	-11.7	-11.4	-11.5	-12.1	-13.2	-14.3	-14.3	-14.3	-14.8	-14.3	-14.9	-15.9	-15.6	-15.0	-14.2	-14.0	-13.5	-13.5	-13.2
5.	-13.4	-13.3	-13.3	-13.8	-13.6	-13.4	-14.7	-14.4	-15.1	-16.1	-15.2	-14.9	-15.3	-14.8	-14.3	-15.4	-16.9	-19.0	-22.3	-21.6	-21.7	-22.5	-21.6	-22.8
6.	-24.7	-23.9	-24.5	-25.6	-27.5	-27.3	-27.1	-24.0	-21.5	-18.2	-15.7	-14.3	-12.0	-11.4	-11.6	-11.3	-11.0	-11.3	-11.3	-12.0	-12.4	-12.7	-13.2	-13.4
7.	-13.8	-13.8	-13.8	-13.4	-13.5	-13.0	-13.7	-13.3	-13.3	-13.4	-13.1	-13.2	-13.5	-13.2	-13.5	-13.0	-13.8	-14.4	-15.5	-15.0	-16.3	-17.1	-16.4	-16.2
8.	-15.2	-17.6	-14.8	-19.6	-23.4	-26.1	-27.5	-28.5	-29.5	-29.0	-28.6	-28.3	-27.6	-27.5	-27.1	-27.7	-28.5	-29.3	-29.5	-29.7	-30.1	-30.4	-30.4	-30.2
9.	-30.5	-30.5	-30.3	-30.7	-31.0	-31.6	-31.6	-32.0	-31.9	-32.3	-31.0	-30.9	-30.3	-28.6	-27.5	-27.0	-28.9	-29.4	-29.9	-30.0	-29.9	-31.4	-30.7	-30.7
10.	-31.2	-30.9	-31.1	-28.3	-28.0	-29.0	-29.6	-29.3	-29.5	-29.0	-28.1	-27.1	-27.3	-26.2	-26.1	-25.0	-24.2	-23.9	-23.6	-22.4	-20.6	-19.8	-19.6	-19.3
11.	-18.2	-17.3	-16.3	-15.7	-15.1	-14.8	-13.5	-13.2	-13.4	-14.0	-14.5	-15.5	-15.6	-16.6	-18.3	-19.7	-20.9	-22.7	-24.7	-25.2	-26.4	-26.6	-26.5	-26.5
12.	-28.0	-27.5	-28.4	-28.4	-28.3	-28.3	-28.2	-28.2	-29.3	-26.6	-24.4	-23.3	-22.5	-23.0	-22.0	-22.0	-21.9	-21.2	-21.2	-21.5	-21.0	-20.6	-20.3	-19.5
13.	-19.0	-19.0	-18.1	-18.7	-19.0	-18.8	-18.6	-18.3	-18.7	-17.2	-16.8	-16.3	-17.7	-17.7	-18.4	-19.6	-18.5	-16.8	-16.3	-15.7	-16.8	-19.9	-20.5	-22.5
14.	-22.5	-23.3	-25.0	-21.9	-24.8	-24.7	-24.3	-23.5	-22.2	-21.6	-20.3	-18.0	-16.7	-14.8	-14.3	-13.8	-13.1	-12.8	-13.6	-15.2	-16.0	-16.4	-17.2	-18.0
15.	-21.1	-21.7	-22.9	-23.4	-24.4	-25.0	-25.6	-25.9	-26.3	-27.4	-28.0	-28.0	-28.0	-28.2	-28.2	-29.0	-29.7	-30.7	-31.3	-32.1	-32.7	-33.2	-33.3	-33.0
16.	-33.0	-33.0	-33.7	-33.8	-34.0	-34.0	-33.5	-32.2	-32.1	-31.5	-31.5	-31.5	-30.7	-29.9	-29.9	-29.5	-30.1	-30.7	-31.1	-31.1	-30.8	-31.1	-31.0	-32.2
17.	-32.3	-32.8	-33.9	-34.8	-33.6	-33.7	-34.7	-34.6	-35.2	-35.8	-35.2	-35.0	-34.9	-34.4	-34.5	-34.4	-34.5	-34.9	-34.4	-34.3	-34.2	-33.8	-34.9	-35.1
18.	-35.0	-35.0	-35.2	-36.3	-35.5	-35.9	-36.2	-37.1	-37.0	-35.2	-36.0	-35.6	-34.7	-34.0	-33.8	-33.7	-33.9	-34.4	-34.4	-34.7	-34.7	-34.9	-35.1	-35.2
19.	-35.4	-35.5	-34.7	-35.2	-35.7	-35.7	-36.1	-36.0	-36.6	-35.5	-33.2	-32.4	-32.7	-32.3	-32.3	-32.2	-32.7	-32.7	-32.5	-32.7	-32.8	-32.2	-32.7	-33.6
20.	-33.4	-33.4	-34.6	-34.7	-35.1	-35.7	-36.0	-36.2	-36.1	-34.7	-33.8	-32.3	-31.3	-31.5	-30.8	-30.9	-30.6	-30.4	-29.8	-29.5	-29.3	-29.0	-28.5	-28.0
21.	-28.0	-27.3	-27.3	-27.3	-27.1	-27.4	-26.9	-26.2	-26.4	-26.2	-26.3	-26.8	-26.7	-26.9	-27.8	-27.5	-28.0	-28.5	-28.5	-28.8	-28.5	-29.1	-29.9	-30.6
22.	-30.7	-31.1	-31.3	-31.8	-32.2	-32.7	-32.8	-33.0	-33.0	-33.6	-33.8	-33.4	-32.4	-32.4	-32.5	-32.2	-32.8	-33.3	-33.4	-33.6	-34.4	-34.4	-35.1	-35.9
23.	-36.0	-35.2	-36.2	-37.1	-37.6	-37.1	-36.6	-36.5	-36.6	-36.5	-36.4	-35.7	-34.9	-33.7	-33.2	-33.2	-33.3	-32.4	-32.6	-32.3	-31.7	-31.6	-31.5	-31.3
24.	-31.6	-32.3	-32.4	-33.2	-33.3	-33.3	-33.3	-34.2	-35.2	-35.3	-34.6	-33.1	-32.8	-31.1	-29.6	-28.9	-29.9	-28.3	-27.4	-26.4	-25.4	-25.3	-25.5	-26.1
25.	-26.5	-26.6	-27.8	-28.1	-28.1	-26.1	-23.8	-23.4	-22.9	-23.4	-23.8	-24.1	-23.4	-21.2	-18.1	-16.3	-14.6	-13.2	-12.8	-14.1	-14.4	-15.5	-16.3	-16.7
26.	-16.7	-16.3	-16.2	-15.9	-15.3	-15.1	-14.0	-14.1	-14.0	-13.7	-13.5	-13.1	-12.7	-12.5	-12.9	-13.9	-16.0	-15.8	-16.3	-18.1	-21.2	-19.8	-18.7	-19.2
27.	-19.7	-19.1	-18.6	-20.4	-18.5	-17.9	-18.5	-18.6	-19.2	-21.2	-21.6	-21.5	-21.2	-19.4	-19.1	-18.7	-17.8	-16.2	-15.2	-15.3	-16.3	-17.4	-17.6	-18.3
28.	-19.0	-20.0	-24.2	-24.3	-24.7	-25.8	-26.0	-26.6	-27.0	-26.3	-26.6	-27.1	-25.8	-26.3	-25.7	-25.5	-24.5	-24.7	-26.2	-26.2	-27.2	-27.5	-25.6	-27.4
29.	-27.1	-28.4	-28.8	-28.3	-29.2	-28.5	-29.0	-29.3	-28.5	-27.4	-26.7	-25.4	-24.3	-22.9	-21.4	-20.7	-20.4	-19.2	-17.6	-17.6	-18.0	-17.9	-19.2	-20.1
30.	-20.3	-20.7	-21.4	-22.2	-23.3	-23.8	-23.8	-24.3	-24.7	-23.7	-22.5	-21.6	-20.4	-20.4	-19.5	-18.7	-18.6	-19.0	-20.6	-23.0	-23.9	-23.1	-24.0	-24.0
31.	-24.3	-23.9	-24.3	-24.8	-25.9	-25.7	-26.0	-28.4	-27.0	-27.5	-24.8	-22.1	-21.2	-20.6	-20.2	-20.4	-21.0	-21.5	-18.6	-18.2	-18.1	-17.4	-17.3	-17.5

MEAN	-24.4	-24.4	-24.7	-25.1	-25.3	-25.5	-25.5	-25.5	-25.3	-25.3	-24.7	-24.1	-23.6	-23.0	-22.7	-22.7	-22.9	-22.9	-23.0	-23.2	-23.4	-23.7	-23.8	-24.1
------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MEAN	-18.5	-20.0	-16.1	-13.8	-16.8	-17.3	-14.1	-26.4	-30.4	-26.1	-18.7	-24.3	-18.2	-18.8	-27.8	-31.6

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	-34.3	-35.0	-33.8	-32.2	-27.6	-32.9	-34.4	-30.7	-20.8	-15.5	-18.5	-25.3	-23.9	-21.7	-22.3

NOTE: AS OF JANUARY 1 1983, HOURLY DEWPOINT TEMPERATURES HAVE REPLACED HOURLY WFTBUL TEMPERATURES IN THIS PUBLICATION.

16	N	N	NNH	NW	NNW	NNW	NNW	NW	NNW	NNW	W	W	WSW	WSW	WSW	SW	SW	WSW		
	19	15	11	9	11	13	11	15	9	11	11	9	11	9	7	7	6	4	7	
17	W	W	W	W	WNW	WNW	W	W	W	W	W	W	WSW	WSW	WSW	W	W	WNW	WNW	
	11	11	11	15	13	13	11	11	13	13	13	13	13	11	9	9	9	9	11	11
18	WNW	W	W	W	W	W	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
	11	13	9	11	13	11	15	13	11	13	11	13	11	13	7	7	6	9	9	7
19	WSW	SW	WSW	W	C	C	SSW	SSW	SSW	C	SSW	S	S	S	S	S	S	S	S	S
	6	4	6	2	4	0	0	4	7	4	0	4	9	7	9	11	9	11	11	11
20	S	S	S	S	S	S	S	S	SSW	S	S	S	S	S	S	S	S	S	S	S
	9	13	13	11	11	11	11	9	13	11	9	13	13	11	17	19	17	15	13	17
21	S	SSE	SSE	SSE	C	SE	ENE	C	N	N	NNE	N	NNW	NNW	NW	NW	NW	NNW	NW	NW
	17	13	9	6	13	0	4	4	0	4	7	9	11	13	11	13	9	13	13	17
22	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	W	W	W	W
	22	26	28	22	26	24	24	24	24	24	24	24	24	26	26	30	26	19	13	15
23	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	13	20	17	17	13	17	17	19	17	19	22	19	22	19	28	24	30	31	31	30
24	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
	39	31	28	33	30	22	20	19	19	20	24	24	30	30	30	30	30	28	31	35
25	WNW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	15	15	17	17	13	13	17	15	17	15	17	17	17	13	13	9	17	11	19	13
26	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	13	17	15	13	17	17	13	17	13	22	19	19	19	22	15	20	13	15	15	9
27	N	C	C	C	C	SE	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W
	4	0	0	0	0	4	15	6	13	13	15	15	15	17	11	11	7	15	13	17
28	NW	NW	NW	NW	NNW	NNW	NNW	NNW	W	W	W	W	W	W	W	W	W	W	W	W
	2	24	19	15	17	15	19	17	13	11	13	17	9	11	19	9	15	19	20	17
29	WNW	W	W	W	WSW	WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	W	W	W
	19	15	17	17	19	17	19	15	15	17	17	26	20	22	19	20	19	17	24	22
30	W	WSW	WSW	SW	S	S	E	S	S	S	SSW	SSW	W	W	W	W	W	W	W	W
	13	15	15	9	11	11	15	17	17	17	20	20	15	11	11	9	6	11	17	13
31	N	N	NNE	NNE	N	NE	NE	NNE	NE	ENE	ESE	E	SE	C	ENE	ESE	SE	SSE	SSE	S
	13	19	13	15	13	9	9	4	13	7	9	7	9	15	4	0	4	9	11	9

MEAN 14.1 14.1 13.4 12.4 12.4 13.6 14.0 15.1 14.0 14.5 14.1 14.2
14.4 13.3 12.3 12.5 13.0 14.5 15.0 15.4 14.6 15.0 14.3 14.4