



Fisheries and Environment Canada / Pêches et Environnement Canada

Atmospheric Environment / Environnement atmosphérique

MONTHLY METEOROLOGICAL SUMMARY / SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS

JANUARY / JANVIER

19 83

AT/À WINNIPEG INT'L AIRPORT / AÉROPORT INTERN. DE WINNIPEG

LAT: 49° 54' N			LONG: 97° 14' W			ELEVATION: ALTITUDE: 239.6 M		MÈTRES (ASL) MÉTRES (NMM)		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		km/h		km/h					
1	-5.3	-19.8	-12.6	30.6		86	64			Tr.	Tr.	5	14.3	WNW	NW33	5.6				
2	-10.7	-21.2	-16.0	34.0		91	66					5	11.8	S	S19	7.5				
3	-4.2	-13.7	-9.0	27.0		93	81		Tr.	1.8	1.8	5	26.1	SSE	SSE44	0.0				
4	-2.7	-6.5	-4.6	22.6		91	74			0.9	0.5	7	16.0	W	S35	0.0				
5	-2.7	-8.8	-5.8	23.8		90	75			Tr.	Tr.	8	13.5	SSE	SSE22	1.8				
6	-5.7	-12.7	-9.2	27.2		95	77				Tr.	Tr.	8	18.5	NW	NW33	0.3			
7	-6.9	-10.5	-8.7	26.7		90	82			0.2	0.2	10	13.7	SSE	SSE37	0.0				
8	0.9	-8.1	-3.6	21.6		96	88		0.2	2.0	2.0	10	38.5	SSE	SSE50	0.0				
9	0.9	-9.5	-4.3	22.3		99	69		Tr.	Tr.	Tr.	11	20.8	S	S33	0.1				
10	-4.9	-14.0	-9.5	27.5		95	70			Tr.	Tr.	10	15.8	SSE	NW43	0.6				
11	-13.7	-25.2	-19.5	37.5		87	52				0.8	0.8	13	23.5	NNW	NNW48	6.6			
12	-7.2	-24.6	-15.9	33.9		90	69		Tr.	0.3	0.3	11	22.5	S	S39	0.3				
13	-7.4	-15.5	-11.5	29.5		94	83		Tr.	0.4	0.4	10	18.5	E	E33	0.0				
14	-11.0	-21.4	-16.2	34.2		89	65				0.2	Tr.	10	20.2	NW	N35	5.1			
15	-13.0	-22.6	-17.8	35.8		94	67					10	17.0	SSE	SSE41	3.3				
16	-8.6	-22.1	-15.4	33.4		92	64				Tr.	Tr.	10	24.1	NNW	NNW35	0.8			
17	-15.0	-25.7	-20.4	38.4		78	66				Tr.	Tr.	10	10.1	N	SE19*	6.7			
18	-9.6	-19.4	-14.5	32.5		77	59					10	25.8	SE	SSE41	1.7				
19	-6.0	-11.2	-8.6	26.6		91	83				2.8	2.2	10	31.2	SE	SSE41	0.0			
20	-3.8	-6.1	-5.0	23.0		88	77		Tr.	0.2	Tr.	11	25.1	SE	SSE33	0.0				
21	-2.5	-5.2	-3.9	21.9		89	80		Tr.	0	Tr.	14	28.4	SSE	SSE37	0.0				
22	-2.4	-7.5	-5.0	23.0		97	81					14	13.5	S	S24	0.0				
23	-3.6	-12.0	-7.8	25.8		97	86				2.6	2.3	13	10.3	Calm	NNW28*	0.0			
24	-11.5	-26.7	-19.1	37.1		88	57			Tr.	Tr.	14	21.6	NW	NW28*	6.4				
25	-22.7	-30.2	-26.5	44.5		75	59			Tr.	Tr.	14	8.8	WNW	W15	6.8				
26	-20.7	-30.0	-25.4	43.4		76	56					14	11.3	S	SSE19*	7.2				
27	-8.1	-21.2	-14.7	32.7		86	66		Tr.	Tr.	Tr.	13	29.2	SSE	SSE41*	0.0				
28	0.0	-8.1	-4.1	22.1		94	80		Tr.	Tr.	Tr.	13	25.3	S	SSE35	1.9				
29	-7.4	-20.8	-14.1	32.1		88	75				0.4	0.2	13	24.0	WNW	WNW33	0.0			
30	-17.2	-22.4	-19.8	37.8		87	62			Tr.	Tr.	13	16.4	WNW	WNW24*	6.3				
31	-8.9	-22.2	-15.6	33.6		90	63			Tr.	Tr.	13	16.3	S	S24*	8.0				
MEAN MOYENNE	-7.9	-16.9	-12.4	942.1	TOTAL	89	71	TOTAL	TOTAL	0.2	14.8	TOTAL	12.7	19.8	PREVAILING DIRECTION DOMINANTE	50	TOTAL	77.0		
NORMAL NORMALE	-14.3	-24.2	-19.3	1154.7	0.0	88	69	0.0	0.2	23.7	21.3	28	18.6	S	57	121.2				
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		942.1	1337.5	1154.7	TOTAL FOR MONTH TOTAL DU MOIS		0.0	0.0	0.0	10	5	4	0	0	13	5	4	0	0	
ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET		3159.9	3399.6	3434.6	ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL		1706.4	1844.1	1483.3	3	10	5	4	0	0	13	5	4	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)

Corrections: Nov. 1982 least pressure 96.66 not 96.60 Jan.14/82 snowfall 0.8 not 0.5

CLIMATOLOGICAL SUMMARY FOR JANUARY 1983AT WINNIPEG, MANITOBA

January's mean temperature of -12.4°C is the 6th warmest on record and the warmest January since 1958. The month was also cloudy with only 77.0 hours of sunshine. This was the least sunshine since 1953. Precipitation was below normal with only 12.7 mm. There was 14.8 cm of snow which is 62% of normal for the month. The average wind was 19.4 Km/h: a little above normal.

DAILY WEATHER SUMMARY FOR JANUARY 1983AT WINNIPEG, MANITOBA

1. Mild. Cloudy clearing late morning. Snow 5:02 A.M. to 6:17 A.M. Mostly light winds but NW gust to 43 Km/h in morning. Drifting snow in morning.
2. Above normal temp. Sunny. Light winds.
3. Mild. Cloudy. Snow 6:12 A.M. to 10:51 A.M. 1:53 P.M. continued. Freezing drizzle 4:31 P.M. to 4:54 P.M. Blowing snow 8:08 P.M. continued. Moderate winds with SSE gust to 65 Km/h in evening. Body of young Morden nurse who dies of exposure on 1st discovered in Man. Dept. Highways yard in town.
4. Mild. Cloudy. Snow all day. Blowing snow to 00:47 A.M. Mostly light winds but S gust to 50 Km/h in morning. Drifting snow till evening.
5. Still mild. Mostly cloudy. Snow to 4:35 A.M. Light winds.
6. Mild. Cloudy. Snow 8:40 A.M. to 7:50 P.M. Light fog in morning. Visibility restricted late morning, early afternoon. Mostly light winds but NW gust to 44 Km/h in morning. Drifting snow.
7. Mild. Cloudy snow 00:30 continuing all day. Ice crystals 4:50 A.M. to 6:31 A.M. Mostly light winds but SSE gust to 50 Km/h late evening. Drifting snow in evening.
8. Mild. Cloudy. Snow to 9:47 P.M. Freezing drizzle 4:59 A.M. to 6:13 A.M. 12:47 P.M. to 4:39 P.M. Blowing snow to 7:58 P.M. Rain 8:22 P.M. continues. Light fog in morning. Visibility restricted most of day. Drifting snow. Moderate winds gusting to SSE 65 Km/h in morning.
9. Still way above normal temp. Cloudy. Rain to 01:16 A.M. Snow 7:20 P.M. to 8:15 P.M. Heavy fog 12:08 P.M. to 1:18 P.M. Light fog late morning to mid afternoon. Moderate winds with S gust to 52 Km/h in morning.
10. Cloudy, near normal temperatures and light winds. Snow and blowing snow starting in the evening. Snow at 7:36 P.M. and blowing snow at 10:18 P.M.
11. Cloudy overnight with snow ending at 1:48 A.M. Blowing snow ending at 4:35 A.M. Sunny during the day with below normal temps. Evening snow at 10:37 P.M. Freezing drizzle started in evening at 10:44 P.M. Snow started at 7:14 P.M.
12. Cloudy. Temperature rising to above normal. Snow ended at 8:00 A.M. Blowing snow 1:39 A.M. - 1:46 A.M., 2:35 A.M. to 7:15 A.M.
13. Cloudy. Above normal temperatures and light winds. Snow ended at 3:25 P.M. Freezing drizzle at 1:32 A.M. Freezing drizzle 6:23 P.M. to 7:59 P.M. 8:22 to 8:49 P.M. and 9:14 to 9:55 P.M. Snow started again at 8:13 P.M.
14. Partly cloudy, near normal temperatures. Snow from previous evening till 10:05 A.M. Snow from 1:07 P.M. to 2:23 P.M.
15. Clear overnight becoming cloudy this evening clearing again. Below normal temperatures during the day. Blowing snow 9:45 P.M. to 9:59 P.M. and 10:01 to 10:08 P.M.
16. Cloudy. Temperatures rising to above normal again. Brisk NW winds. Snow 2:09 A.M. to 9:29 A.M., 1:29 P.M. to 5:15 P.M.
17. Sunny, near normal temperatures, light winds and ice crystals from 8:55 A.M. to 3:30 P.M.
18. Cloudy during the day, brisk SE winds, temperatures rising to above normal. Blowing snow starting at 11:40 P.M.
19. Blowing snow until 12:10 A.M. then again at 1:10 A.M. to 7:20 A.M. Snow starting at 1:05 A.M. until 6:35 A.M. Again at 8:48 A.M. to 6:45 P.M., then starting at 7:20 P.M. Cloudy, brisk SE winds and temps rising way above normal.
20. Cloudy. Snow ending at 4:20 A.M., then again from 7:25 A.M. to 6:40 P.M. Freezing drizzle 9:45 A.M. onwards. Brisk SE winds with temperatures remaining well above normal.
21. Cloudy, brisk SE winds, temperatures much above normal. Freezing drizzle ended 03:08 A.M.
22. Cloudy, temperatures still above normal, light south winds.
23. Cloudy, fog, snow started at 02:11 A.M. Much above normal temperatures.
24. Cloudy becoming sunny during the day. Snow ends at 4:31 A.M. Ice crystals 4:31 A.M.-4:35 P.M. and at 08:22 P.M. Brisk NW winds. Temperatures returning to normal values.
25. Ice crystals end 12:49 A.M., 1:47 A.M.-2:43 A.M., 6:40 A.M.-3:36 P.M., 8:29 P.M.-8:52 P.M. Sunny, below normal temperatures, light winds.
26. Sunny, light winds and temperatures remaining below normal.
27. Cloudy, brisk winds (SE), temperatures rising above normal. Snow 12:25 P.M. to 3:10 P.M., 5:12 P.M. to 9:45 P.M. Freezing drizzle 6:57 P.M. to 7:17 P.M. Blowing snow 7:45 P.M. to 9:10 P.M., 10:23 P.M. to 10:28 P.M.
28. Cloudy, brisk winds and temperatures well above normal. Snow 1:09 A.M. to 4:22 A.M. Freezing drizzle 7:45-8:50 A.M., 7:24 P.M. to 9:37 P.M. Freezing rain 1:25 P.M. to 2:20 P.M. Snow 08:25 P.M. to 9:40 P.M.
29. Cloudy, Northwest winds, temperatures still above normal. Snow 04:26 A.M. to 3:10 P.M.
30. Mostly cloudy, NW winds and normal temperatures. Ice crystals 1:10 A.M. to 7:12 A.M. Snow 12:43 P.M. to 2:13 P.M.
31. Sunny, brisk south winds, temperatures rising above normal. Snow 6:53 P.M. to 7:20 P.M.

HOURLY DEWPOINT TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF JANUARY 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.	-7.3	-7.9	-9.6	-11.6	-11.1	-10.9	-10.9	-11.2	-12.0	-12.1	-12.4	-13.0	-13.8	-14.8	-15.0	-16.3	-17.3	-17.9	-19.7	-21.6	-22.1	-23.6	-23.6	-23.6
2.	-22.2	-22.2	-21.6	-19.3	-18.8	-19.1	-20.1	-20.5	-21.7	-24.3	-22.2	-21.3	-20.5	-20.4	-19.5	-18.2	-17.0	-15.6	-13.3	-12.9	-12.7	-13.0	-14.7	-14.7
3.	-14.8	-14.2	-14.1	-13.0	-12.2	-11.4	-10.3	-9.8	-9.2	-8.5	-7.3	-8.5	-7.3	-6.8	-7.1	-7.3	-7.2	-7.5	-6.8	-6.5	-6.6	-6.7	-6.7	-6.6
4.	-6.5	-6.2	-5.5	-5.3	-7.3	-7.9	-7.3	-7.4	-8.8	-8.8	-8.8	-7.6	-8.1	-7.2	-7.5	-6.8	-6.4	-6.6	-6.5	-7.1	-8.0	-8.6	-8.8	-9.3
5.	-9.2	-9.6	-9.5	-10.0	-10.3	-10.0	-10.0	-11.0	-11.2	-9.8	-8.6	-8.6	-7.9	-7.2	-6.6	-6.4	-6.1	-6.0	-6.2	-6.4	-7.1	-7.3	-8.1	-7.9
6.	-7.3	-7.5	-7.6	-7.6	-7.7	-9.1	-8.6	-8.7	-8.0	-7.8	-8.6	-9.6	-10.0	-9.5	-10.5	-10.3	-10.4	-9.4	-10.4	-10.7	-12.2	-12.8	-13.5	-12.7
7.	-11.6	-11.5	-11.8	-12.3	-12.2	-12.2	-11.5	-11.4	-11.1	-10.7	-10.7	-10.1	-9.8	-9.4	-9.4	-9.2	-9.5	-9.7	-9.5	-9.2	-9.2	-9.2	-9.3	-9.5
8.	-9.2	-9.1	-9.0	-9.1	-9.1	-8.0	-7.5	-7.2	-6.3	-5.9	-5.2	-5.1	-4.4	-3.6	-3.3	-3.0	-2.8	-2.6	-2.2	-1.7	-1.2	-1.2	-1.4	-1.4
9.	-4.4	-2.2	-3.3	-6.6	-7.7	-7.7	-6.6	-8.8	-9.9	-8.8	-7.7	-4.4	-2.2	-1.1	-1.1	-2.5	-3.3	-3.2	-3.0	-3.0	-1.9	-4.2	-8.3	-10.5
10	-11.9	-12.1	-12.7	-12.9	-13.2	-13.2	-13.1	-13.2	-14.3	-14.2	-12.8	-11.1	-10.5	-9.9	-9.2	-9.6	-9.3	-9.4	-9.3	-8.4	-7.4	-10.8	-11.0	-12.1
11	-15.6	-16.4	-19.7	-21.4	-22.8	-26.3	-27.5	-28.0	-27.1	-29.0	-29.5	-29.8	-29.6	-30.0	-30.3	-30.2	-29.8	-30.0	-29.4	-28.6	-28.2	-27.5	-27.2	-25.3
12	-23.8	-22.5	-22.5	-20.7	-19.9	-19.2	-18.3	-16.8	-14.7	-13.6	-12.7	-11.9	-11.0	-10.3	-10.2	-10.9	-11.9	-12.0	-12.9	-13.0	-13.2	-14.4	-15.6	-15.5
13	-16.2	-16.9	-17.2	-17.6	-17.3	-17.1	-16.7	-17.0	-16.0	-16.2	-15.7	-13.9	-12.3	-11.0	-10.0	-9.4	-9.4	-9.3	-9.7	-10.2	-10.5	-10.5	-11.8	-11.7
14	-12.7	-13.7	-13.5	-13.9	-14.3	-14.1	-15.8	-17.1	-18.8	-22.0	-22.4	-22.3	-21.8	-19.8	-17.2	-15.9	-16.6	-17.0	-17.4	-18.0	-19.8	-20.9	-21.2	-22.8
15	-25.6	-25.9	-25.6	-25.4	-25.6	-25.2	-22.8	-23.4	-23.7	-23.4	-22.8	-21.5	-20.6	-18.8	-18.5	-18.5	-18.0	-17.2	-17.1	-17.1	-16.8	-15.7	-15.7	-15.8
16	-15.1	-13.8	-12.3	-11.3	-11.0	-10.4	-10.3	-10.9	-12.7	-13.8	-14.8	-15.5	-14.8	-15.3	-15.5	-15.7	-15.7	-17.1	-18.1	-19.4	-20.5	-21.2	-21.4	-25.9
17	-25.8	-27.1	-27.6	-26.0	-26.5	-28.0	-28.8	-28.5	-27.9	-28.4	-26.1	-25.2	-23.8	-22.6	-22.1	-21.8	-21.9	-23.0	-23.6	-23.4	-23.6	-22.4	-22.7	-23.1
18	-23.8	-24.1	-24.3	-24.7	-24.7	-24.3	-23.6	-23.1	-22.9	-23.1	-22.3	-21.6	-19.0	-18.1	-16.6	-16.3	-15.5	-15.9	-15.7	-15.5	-15.2	-14.3	-13.8	-13.2
19	-13.2	-13.2	-12.5	-12.0	-12.0	-12.0	-12.0	-11.5	-11.1	-10.4	-10.8	-10.5	-9.9	-9.7	-9.2	-9.2	-9.2	-9.2	-9.2	-9.4	-9.4	-9.3	-8.8	-8.4
20	-8.0	-7.9	-7.9	-8.0	-7.8	-7.7	-7.5	-7.4	-7.4	-7.4	-7.5	-7.3	-7.2	-7.2	-6.9	-7.0	-7.2	-7.3	-7.6	-7.6	-7.8	-7.7	-7.4	-6.6
21	-7.2	-7.0	-6.7	-6.8	-7.3	-7.3	-7.3	-7.2	-7.3	-6.6	-6.4	-6.2	-5.8	-5.3	-5.2	-5.0	-5.0	-5.0	-5.0	-5.0	-5.1	-5.3	-5.4	-5.6
22	-5.7	-5.6	-5.3	-5.1	-4.8	-4.8	-4.8	-4.9	-5.1	-5.1	-5.1	-4.8	-4.9	-4.6	-4.7	-4.8	-5.3	-5.7	-6.1	-7.1	-8.1	-6.5	-5.7	-5.7
23	-5.9	-6.5	-5.8	-5.8	-5.8	-5.8	-5.7	-6.0	-5.7	-5.7	-5.4	-4.8	-4.9	-5.4	-5.3	-5.2	-5.1	-5.0	-5.5	-7.5	-7.9	-9.5	-11.8	-11.8
24	-13.8	-15.0	-15.5	-16.2	-17.1	-18.3	-19.4	-20.4	-21.3	-21.6	-21.3	-25.6	-24.3	-23.7	-24.2	-23.8	-24.3	-24.6	-24.7	-24.8	-25.4	-27.0	-28.6	-29.8
25	-30.7	-30.0	-31.6	-31.8	-32.7	-33.5	-33.4	-33.7	-34.0	-34.5	-32.9	-31.4	-30.7	-30.0	-29.1	-28.1	-29.0	-29.4	-29.7	-30.2	-29.1	-29.5	-29.9	-31.1
26	-31.4	-32.0	-33.0	-32.7	-33.4	-34.4	-34.3	-34.1	-34.7	-34.3	-33.3	-32.0	-30.2	-28.5	-26.6	-28.0	-26.9	-27.5	-27.1	-26.5	-27.5	-26.5	-26.5	-26.9
27	-24.2	-23.0	-22.4	-22.6	-22.8	-22.1	-22.3	-21.6	-20.3	-19.7	-19.7	-18.4	-16.6	-14.3	-13.6	-13.0	-12.0	-12.0	-11.4	-11.4	-11.1	-11.1	-10.8	-10.8
28	-10.5	-9.5	-9.3	-8.0	-8.3	-7.7	-7.1	-6.8	-5.9	-5.7	-5.4	-4.2	-4.2	-3.9	-3.3	-2.5	-3.4	-2.8	-3.2	-6.2	-6.7	-7.8	-8.8	-9.2
29	-9.8	-10.9	-11.5	-11.9	-12.1	-12.5	-12.9	-13.2	-13.5	-13.6	-13.2	-13.8	-13.6	-14.0	-13.2	-14.1	-14.4	-14.5	-15.6	-17.6	-18.5	-19.5	-20.7	-21.9
30	-21.9	-21.8	-23.8	-24.3	-25.2	-26.0	-25.6	-25.4	-26.1	-26.3	-25.8	-24.9	-23.8	-23.1	-22.3	-22.5	-22.8	-22.8	-23.8	-24.5	-25.0	-24.7	-24.8	-24.6
31	-25.2	-27.1	-24.9	-25.2	-25.3	-24.4	-24.1	-24.6	-24.0	-21.9	-20.9	-19.2	-17.7	-16.0	-14.8	-13.2	-12.9	-13.4	-13.6	-13.7	-12.2	-12.4	-12.5	-11.5

MEAN -14.9 -15.1 -15.2 -15.1 -15.4 -15.5 -15.4 -15.5 -15.6 -15.7 -15.2 -14.8 -14.1 -13.5 -13.1 -12.9 -13.0 -13.0 -13.1 -13.2 -13.5 -13.7 -14.0 -14.5 -14.9

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	-14.5	-18.6	-9.2	-7.4	-8.3	-9.5	-10.4	-4.8	-1.9	-11.2	-26.5	-15.2	-13.4	-17.8	-20.8	-15.4

DATE	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEAN	-24.9	-19.5	-10.4	-7.4	-6.0	-5.4	-6.0	-22.0	-31.0	-30.2	-16.9	-6.2	-14.3	-24.1	-18.7

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

17	NNW	NW	N	N	N	N	NNE	NNE	NE	NE	N	N	NE	ESE	SE	E	F	FSE	SE	SE	SE	SSE	59	
	11	13	11	17	13	9	6	9	7	9	6	4	6	6	11	9	4	9	13	19	15	19	2230	
18	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE	SE	SE	SE	SE	SE	SSE	SSF	SSE	SSE	59	
	17	17	19	19	22	19	20	26	24	19	28	31	28	31	28	31	35	26	24	33	37	41	0419	
19	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	52	
	41	37	37	33	37	37	33	30	31	28	31	26	28	30	31	31	24	33	24	26	24	28	31	0002
20	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	52	
	33	30	30	31	31	24	22	26	22	28	24	20	22	22	22	24	22	22	20	20	20	22	30	1454
21	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	S	S	S	S	S	S	S	S	S	52	
	30	31	30	30	24	30	30	26	33	28	28	31	28	31	37	28	28	26	24	24	24	26	20	2242
22	S	S	S	S	S	S	S	S	SSE	S	S	SSE	SSE	SSE	S	S	SSE	C	C	C	C	SSE	41	
	22	20	24	22	17	22	20	19	13	13	17	17	17	13	11	13	9	4	0	0	0	0	2	0314
23	C	S	C	C	C	C	C	C	C	C	NW	NW	W	C	WNW	NW	NNW	NNW	NNW	NW	NW	NW	39	
	0	2	0	0	0	2	0	0	0	0	9	11	13	13	0	17	19	24	28	28	26	28	28	2242
24	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	41	
	24	24	22	22	28	24	22	20	13	19	19	28	26	20	22	28	24	22	22	22	22	19	11	0314
25	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	WSW	C	SSW	SW	WSW	41	
	9	11	11	9	13	11	9	11	7	11	7	11	7	11	15	6	7	6	4	0	4	7	11	0314
26	W	WSW	W	W	WSW	W	W	WSW	WSW	WSW	C	S	SSW	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	57	
	11	17	17	13	9	9	11	13	15	13	4	6	0	0	7	11	11	11	15	19	19	13	17	2014
27	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	57	
	13	17	17	20	24	30	24	22	28	30	30	24	28	39	37	37	35	35	30	41	41	37	35	2014
28	SSE	S	SSE	SSE	SSE	S	SSE	S	S	S	S	S	S	S	S	SSW	W	W	WNW	WNW	WNW	WNW	0031	
	35	28	31	33	28	31	24	28	26	17	20	28	24	22	24	22	11	22	26	30	31	26	28	0002
29	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	37	
	33	26	20	24	22	20	20	30	28	26	22	30	30	28	24	26	22	31	24	22	13	19	11	0002
30	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	W	WNW	W	WNW	W	WNW	33	
	15	15	17	22	24	22	24	22	20	19	20	19	9	17	19	20	11	11	9	11	9	9	9	0638
31	WNW	WSW	SW	SE	SSE	S	S	S	S	S	S	S	S	S	S	SSE	S	SSE	SSE	SSE	SSE	S	37	
	6	7	9	4	7	9	7	11	19	15	20	24	24	24	22	20	24	22	20	19	19	20	20	1538

MEAN 20.4 19.3 18.8 17.3 19.1 17.9 21.0 21.7 21.1 21.1 20.9 19.8 21.5
19.7 18.3 18.6 18.4 18.6 20.3 20.5 20.6 18.8 19.8 20.6 21.5