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# MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS OCTOBER/OCTOBRE

19 83

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

| LAT: 49° 54'N     |                            | LONG: 97° 14'W      |                 | ELEVATION:<br>ALTITUDE: 239.6 |                          | METRES (ASL)<br>MÈTRES (NMN)   |                     | STANDARD TIME USED:<br>HEURE NORMALE UTILISÉE: Central |                                 |                             |                                 |                                |                                  |                                      |  |   |
|-------------------|----------------------------|---------------------|-----------------|-------------------------------|--------------------------|--------------------------------|---------------------|--|---------------------------------|-----------------------------|---------------------------------|--------------------------------|----------------------------------|--------------------------------------|--|---|
| DATE              | TEMPERATURE<br>TEMPÉRATURE |                     |                 | DEGREE-DAYS<br>DEGRÉS-JOURS   |                          | REL. HUMIDITY<br>HUMIDITÉ REL. |                     | THUNDERSTORM<br>ORAGE                                  | PRECIPITATION<br>PRÉCIPITATIONS |                             |                                 | SNOW ON GROUND<br>NEIGE AU SOL | WIND<br>VENT                     |                                      |  | BRIGHT SUNSHINE<br>INSOLATION<br>EFFECTIVE<br>HOURS<br>HEURES |
|                   | MAXIMUM<br>MAXIMALE        | MINIMUM<br>MINIMALE | MEAN<br>MOYENNE | HEATING<br>DE CHAUFFE         | GROWING<br>DE CROISSANCE | MAXIMUM<br>MAXIMALE            | MINIMUM<br>MINIMALE |  | RAINFALL<br>PLUIE (HAUTEUR)     | SNOWFALL<br>NEIGE (HAUTEUR) | TOTAL PRECIP.<br>PRÉCIP. TOTALE |                                | AVERAGE SPEED<br>VITESSE MOYENNE | PREVAILING<br>DIRECTION<br>DOMINANTE | MAXIMUM SPEED<br>AND DIRECTION<br>VITESSE MAXIMALE<br>ET DIRECTION |   |
|                   | °C                         | °C                  | °C              | BASE 18.0°C                   | BASE 5.0°C               | %                              | %                   | mm   | cm                              | mm                          | cm                              | km/h                           |                                  | km/h                                 |  |   |
| 1                 | 10.9                       | 4.3                 | 7.6             | 10.4                          | 2.6                      | 100                            | 75                  | 0.5  |                                 | 0.5                         |                                 | 14.0                           | NW                               | NW 22*                               | 0.5  |   |
| 2                 | 8.4                        | 6.3                 | 7.4             | 10.6                          | 2.4                      | 100                            | 89                  | 5.6  |                                 | 5.6                         |                                 | 3.7                            | CALM                             | NNW 7*                               | 0.0  |   |
| 3                 | 10.0                       | 7.0                 | 8.5             | 9.5                           | 3.5                      | 100                            | 84                  | 5.2  |                                 | 5.2                         |                                 | 5.7                            | NNW                              | SE 13*                               | 0.0  |   |
| 4                 | 11.8                       | 5.5                 | 8.7             | 9.3                           | 3.7                      | 100                            | 77                  | 1.0  |                                 | 1.0                         |                                 | 14.8                           | S                                | SSE 28*                              | 0.2  |   |
| 5                 | 10.9                       | 1.5                 | 6.2             | 11.8                          | 1.2                      | 100                            | 54                  | 0.8  |                                 | 0.8                         |                                 | 20.0                           | W                                | WNW 39                               | 2.3  |   |
| 6                 | 11.7                       | -0.3                | 5.7             | 12.3                          | 0.7                      | 88                             | 48                  |  |                                 |                             |                                 | 12.0                           | W                                | W 20                                 | 9.5  |   |
| 7                 | 10.9                       | -1.6                | 4.7             | 13.3                          |                          | 88                             | 49                  |  |                                 |                             |                                 | 9.2                            | NNE                              | NNW 19                               | 9.3  |   |
| 8                 | 15.7                       | 0.6                 | 8.2             | 9.8                           | 3.2                      | 93                             | 41                  |  |                                 |                             |                                 | 13.4                           | SSW                              | SSW 20                               | 6.1  |   |
| 9                 | 14.4                       | 3.9                 | 9.2             | 8.8                           | 4.2                      | 77                             | 57                  |  |                                 |                             |                                 | 36.0                           | SSE                              | SSE 50                               | 3.2  |   |
| 10                | 15.3                       | 7.5                 | 11.4            | 6.6                           | 6.4                      | 98                             | 63                  | 1.6  |                                 | 1.6                         |                                 | 20.6                           | S                                | SSE 41*                              | 0.2  |   |
| 11                | 9.2                        | 0.0                 | 4.6             | 13.4                          |                          | 93                             | 40                  | TR.  | 0.5                             | 0.5                         |                                 | 26.0                           | W                                | W 35*                                | 6.6  |   |
| 12                | 6.0                        | -2.0                | 2.0             | 16.0                          |                          | 94                             | 67                  | TR.  | TR.                             | TR.                         |                                 | 23.0                           | N                                | N 33*                                | 2.2  |   |
| 13                | 6.9                        | -6.8                | 0.1             | 17.9                          |                          | 95                             | 44                  |  |                                 |                             |                                 | 8.3                            | NNE                              | NNE 17*                              | 6.3  |   |
| 14                | 9.9                        | -5.8                | 2.1             | 15.9                          |                          | 93                             | 37                  |  |                                 |                             |                                 | 7.4                            | NE                               | NNE 17                               | 8.8  |   |
| 15                | 7.9                        | -2.8                | 2.6             | 15.4                          |                          | 100                            | 57                  | 0.4  |                                 | 0.4                         |                                 | 12.8                           | E                                | E 24                                 | 0.2  |   |
| 16                | 7.8                        | -1.6                | 3.1             | 14.9                          |                          | 100                            | 56                  | TR.  |                                 | TR.                         |                                 | 17.0                           | W                                | NW 44                                | 1.2  |   |
| 17                | 6.5                        | -7.4                | -0.5            | 18.5                          |                          | 83                             | 34                  |  |                                 |                             |                                 | 14.8                           | W                                | WNW 22                               | 10.0   |   |
| 18                | 6.3                        | -8.9                | -1.3            | 19.3                          |                          | 88                             | 44                  |  |                                 |                             |                                 | 8.5                            | NNE                              | NNE 17*                              | 9.5  |   |
| 19                | 9.5                        | -7.2                | 1.2             | 16.8                          |                          | 88                             | 65                  |  |                                 |                             |                                 | 8.5                            | SE                               | SSE 17*                              | 0.0  |   |
| 20                | 11.5                       | 7.6                 | 9.6             | 8.4                           | 4.6                      | 87                             | 71                  |  |                                 |                             |                                 | 24.9                           | SSE                              | S 33*                                | 0.0  |   |
| 21                | 11.2                       | 6.0                 | 8.6             | 9.4                           | 3.6                      | 94                             | 73                  |  |                                 |                             |                                 | 22.1                           | S                                | S 31                                 | 0.1  |   |
| 22                | 13.9                       | 4.5                 | 9.2             | 8.8                           | 4.2                      | 97                             | 62                  |  |                                 |                             |                                 | 19.5                           | SSE                              | SSE 28                               | 8.9  |   |
| 23                | 10.4                       | 6.2                 | 8.3             | 9.7                           | 3.3                      | 100                            | 78                  | 4.4  |                                 | 4.4                         |                                 | 21.0                           | S                                | S 33*                                | 0.5  |   |
| 24                | 11.3                       | 1.2                 | 6.3             | 11.7                          | 1.3                      | 100                            | 40                  | 1.4  |                                 | 1.4                         |                                 | 16.4                           | W                                | WNW 35                               | 6.6  |   |
| 25                | 13.0                       | -1.2                | 5.9             | 12.1                          | 0.9                      | 77                             | 41                  |  |                                 |                             |                                 | 16.4                           | W                                | WNW 28*                              | 7.2  |   |
| 26                | 14.9                       | -0.8                | 7.1             | 10.9                          | 2.1                      | 80                             | 44                  |  |                                 |                             |                                 | 16.8                           | S                                | S 31                                 | 8.1  |   |
| 27                | 14.0                       | 3.1                 | 8.6             | 9.4                           | 3.6                      | 86                             | 55                  |  |                                 |                             |                                 | 9.8                            | S                                | NNW 24                               | 5.6  |   |
| 28                | 8.0                        | -3.1                | 2.5             | 15.5                          |                          | 87                             | 46                  | 0.2  |                                 | 0.2                         |                                 | 21.0                           | NW                               | NNW 37                               | 9.6  |   |
| 29                | 11.6                       | -4.7                | 3.5             | 14.5                          |                          | 85                             | 45                  |  |                                 |                             |                                 | 19.8                           | SSE                              | SSE 31*                              | 9.5  |   |
| 30                | 12.4                       | -0.3                | 6.1             | 11.9                          | 1.1                      | 86                             | 49                  |  |                                 |                             |                                 | 21.3                           | SSE                              | SSE 28                               | 9.4  |   |
| 31                | 10.5                       | 4.3                 | 7.4             | 10.6                          | 2.4                      | 97                             | 84                  |  |                                 |                             |                                 | 30.8                           | SSE                              | SSE 46                               | 4.1  |   |
| MEAN<br>MOYENNE   | 10.7                       | 0.5                 | 5.6             | 383.4                         | 55.0                     | 92                             | 57                  | 0  | 21.1                            | 0.5                         | 21.6                            | 16.6                           | PREVAILING<br>DOMINANTE          | MAXIMUM<br>SSE 50                    | TOTAL<br>145.7   |   |
| NORMAL<br>NORMALE | 11.5                       | 0.7                 | 6.1             | 369.6                         | 82.1                     |                                |                     | 0.5  | 25.9                            | 5.2                         | 30.9                            | 19.6                           | SOUTH                            | 57                                   | 151.5  |   |

DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS

| BELOW 18°C<br>AU-DESSOUS DE 18°C  | THIS YEAR<br>ANNÉE EN COURS | PREVIOUS YEAR<br>ANNÉE PRÉCÉDENTE | NORMAL<br>NORMALE | ABOVE 5°C<br>AU-DESSUS DE 5°C  | THIS YEAR<br>ANNÉE EN COURS | PREVIOUS YEAR<br>ANNÉE PRÉCÉDENTE | NORMAL<br>NORMALE | DAYS WITH TOTAL PRECIPITATION:<br>JOURS AVEC PRÉCIPITATIONS<br>TOTALES: |                           |                           |                            |                            | DAYS WITH SNOWFALL:<br>JOURS AVEC CHÔTE DE NEIGE: |                           |                           |                            |                            |
|---|-----------------------------|-----------------------------------|-------------------|--|-----------------------------|-----------------------------------|-------------------|---|---------------------------|---------------------------|----------------------------|----------------------------|---|---------------------------|---------------------------|----------------------------|----------------------------|
|   |                             |                                   |                   |  |                             |                                   |                   | 0.2<br>OR MORE<br>OU PLUS   | 1.0<br>OR MORE<br>OU PLUS | 2.0<br>OR MORE<br>OU PLUS | 10.0<br>OR MORE<br>OU PLUS | 50.0<br>OR MORE<br>OU PLUS | 0.2<br>OR MORE<br>OU PLUS                         | 1.0<br>OR MORE<br>OU PLUS | 2.0<br>OR MORE<br>OU PLUS | 10.0<br>OR MORE<br>OU PLUS | 50.0<br>OR MORE<br>OU PLUS |
| TOTAL FOR MONTH<br>TOTAL DU MOIS  | 383.4                       | 365.7                             | 369.6             | TOTAL FOR MONTH<br>TOTAL DU MOIS   | 55.0                        | 67.0                              | 82.1              | 11  | 6                         | 3                         | 0                          | 0                          | 1   | 0                         | 0                         | 0                          |                            |
| ACCUMULATED<br>SINCE JULY 1<br>ACCUMULÉE<br>DEPUIS LE 1 <sup>ER</sup> JUILLET | 581.8                       | 641.3                             | 612.1             | ACCUMULATED<br>SINCE APRIL 1<br>ACCUMULÉE<br>DEPUIS LE 1 <sup>ER</sup> AVRIL | 1895.2                      | 1706.0                            | 1779.5            | 11  | 6                         | 3                         | 0                          | 0                          | 1   | 0                         | 0                         | 0                          |                            |

UDC 551.506.1 (

\* INDICATES MORE THAN ONE OCCURENCE OF  
THE SAME SPEED BUT NOT NECESSARILY THE SAME DIRECTION.

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## CLIMATOLOGICAL SUMMARY FOR OCTOBER 1983

AT WINNIPEG, MANITOBA

The month was a bit on the cool side with the average temperature a half degree below normal. Rainfall and snowfall amounts were below normal as was the average wind and the average hours of sunshine. The warmest temperature recorded was 15.7°C on the 8th, while the coldest was -8.9°C on the 18th.

## DAILY WEATHER SUMMARY FOR OCTOBER 1983

AT WINNIPEG, MANITOBA

1. Cloudy with drizzle and fog; below normal temperatures and light north westerly winds but north west gust to 33 Km/H in morning. Drizzle 00:05-00:35 AM; 10:36-10:48 AM. Light fog in the morning.
2. Cloudy, rain, drizzle and fog; light northerly winds and continuing below normal temperatures. Drizzle 3:40-4:10 AM; 5:12-10:18 AM; Rain 12:05 PM -5:38 PM; 6:10-6:44 PM; 7:26-9:26 PM; 9:49 PM and continuing; drizzle again at 11:54 and continuing.
3. The steady pattern of cloud, fog, rain and drizzle continues with light winds and slightly below normal temperatures. Drizzle ends at 1:42 AM, the rain at 2:33 AM. Drizzle 3:45-6:30 AM; 11:15-11:40 AM; 10:35-11:35 PM; Rain 6:30-6:40 AM; 2:55-7:35 PM; 8:31-9:50 PM; 10:49-11:16 PM.
4. The pattern continues into the 4th day as fog lowers visibility to near zero. Fog 3:04 AM-7:35; 8:15-8:35; 11:07 PM and continuing. Drizzle 3:10 AM-5:16 AM; Rain 10:15-10:40 AM; 1:50-6:31 PM. Slightly below normal temperature. Mostly light winds but SSE gust to 41 Km/H in afternoon.
5. Cloudy, below normal temperatures and rain, drizzle and fog. Rain 8:28 AM-9:37; 11:04-11:35; 12:02-12:09; 12:32 PM-1:04; 1:44 PM-1:55; 2:45-2:50 PM; Drizzle 4:46 AM-6:15 AM; Fog ends at 00:26 AM; again at 4:12 AM - 4:17 AM; 5:17 AM-6:33 AM. Moderate winds with WNW gust to 61 Km/H in afternoon.
6. The sun appears as temperatures attempt to moderate to normal values under light winds. Minimum temperatures well below normal as they slipped below freezing. Light winds.
7. Sunny skies, below normal temperatures and light winds. First killing frost as minimum slips to -1.6. 139 days free of killing frost. Light winds.
8. Clear overnight, cloudy during the morning then sunny in the afternoon. Above normal max. temperatures but below normal minimum. Light winds.
9. Mostly cloudy, strong gusty westerly winds with SSE gust to 69 Km/H in afternoon. Mean temperature above normal.
10. Cloudy skies, brisk southerly winds with SSE gust to 61 Km/H in morning and above normal temperatures. Showers 4:40 AM-5:50 AM; 7:50 AM-9:37 AM.
11. Mostly cloudy, a few sunny periods during the morning. Westerly winds with W gust to 54 Km/H in morning. Below normal temperatures. October 11th saw the first measurable snowfall of the season. Rain 05:51 to 6:36 AM. Flurries 4:28 PM to 6:15 PM. Snow 6:15 PM-11:38 PM; Rain 11:38 PM and continuing after midnight.
12. Cloudy, cold, brisk north winds and snow, with NNW gust to 43 Km/H in morning. Rain ends at 00:17 AM; snow 2:25 AM-3:35 AM; 6:38 AM-8:20 AM. Drizzle 11:35 AM to 11:50 AM.
13. Cool. Partly cloudy. Light winds. Smoke over city in morning.
14. Still cool. Mostly sunny. Light winds smoke over city in morning.
15. Still cool. Cloudy, rain 2:11 PM to 10:35 PM. Drizzle 4:15 PM to 4:49 PM. 9:08 PM continued. Mostly light winds.
16. Still cool. Mostly cloudy. Drizzle to 2:21 AM. Mostly light winds but NW gust to 50 Km/H in late morning.
17. Cool, sunny. Mostly light winds but WNW gust to 35 Km/H in afternoon.
18. Cool. Mostly sunny. Light winds. Smoke over city in morning.
19. Still way below normal temperature. Cloudy. Light winds, smoke over city in morning.
20. Above normal temperatures. Cloudy. Moderate winds with S gust to 52 Km/H in afternoon.
21. Above normal temperatures. Cloudy. Moderate winds with S gust to 41 Km/H early morning. Haze morning and afternoon.
22. Still above normal temperatures. Mostly sunny. Mostly light winds but SSE gust to 39 Km/H late morning.
23. Still above normal temperatures. Cloudy. Showers 11:47 AM to 3:16 PM. Rain 3:16 PM continued. Drizzle 8:12 PM to 11:34 PM. Moderate winds with S gust to 50 Km/H in morning.
24. Above normal still. Partly cloudy. Rain to 04:10 AM. Drizzle 01:36 AM to 01:51 AM. Light fog in morning. Mostly light winds but WNW gust to 54 Km/H in afternoon.
25. Still above normal. Partly cloudy. Mostly light but WNW gust to 39 Km/H in afternoon.
26. Above normal temperatures. Mostly sunny. Mostly light winds but S gust to 44 Km/H in early evening.
27. Still mild. Mostly sunny. Mostly light winds but NNW gust to 35 Km/H late evening.
28. Slightly above normal temperatures. Mostly sunny. Rain 2:48 AM to 3:20 AM. Moderate winds with NNW gust to 52 Km/H in morning.
29. Still slightly above normal temperatures. Mostly sunny. Mostly light winds but S gust to 52 Km/H in early afternoon.
30. Above normal temperatures. Sunny. Moderate winds with SSE gust to 37 Km/H in afternoon.
31. Mild. Partly cloudy. Light fog morning and afternoon. Fresh winds with S gust to 59 Km/H in afternoon.

HOURLY DEWPOINT TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF OCTOBER 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.   | 6.3   | 6.4   | 6.0   | 5.8   | 5.5   | 5.0   | 5.2   | 5.1   | 5.3  | 5.3  | 5.6  | 5.9  | 6.1  | 6.5  | 6.5  | 6.5  | 5.6  | 5.5  | 5.1  | 4.8  | 3.8  | 3.7  | 4.5  | 4.8  |
| 2.   | 5.3   | 5.0   | 5.0   | 5.5   | 5.5   | 5.8   | 6.2   | 6.3   | 6.3  | 6.4  | 6.6  | 6.5  | 6.2  | 6.9  | 6.9  | 6.9  | 7.1  | 7.2  | 7.2  | 7.0  | 6.9  | 7.0  | 7.1  | 6.9  |
| 3.   | 7.1   | 7.1   | 6.9   | 6.7   | 6.8   | 6.8   | 6.8   | 6.8   | 6.9  | 7.0  | 7.3  | 7.4  | 7.6  | 8.0  | 7.3  | 7.0  | 8.0  | 7.6  | 8.2  | 7.4  | 7.2  | 7.2  | 7.3  | 7.4  |
| 4.   | 7.4   | 7.4   | 7.3   | 7.1   | 6.1   | 5.4   | 5.4   | 6.0   | 6.8  | 7.6  | 7.7  | 7.7  | 8.0  | 8.0  | 6.8  | 8.5  | 8.3  | 8.5  | 8.5  | 8.4  | 8.5  | 8.6  | 8.6  | 7.2  |
| 5.   | 6.8   | 7.4   | 6.8   | 6.3   | 6.0   | 5.1   | 4.6   | 5.0   | 5.4  | 6.9  | 7.4  | 7.0  | 7.1  | 6.3  | 3.4  | 2.4  | -1.1 | -1.3 | -1.3 | -1.1 | -1.1 | -1.1 | -1.1 | -1.3 |
| 6.   | -1.5  | -1.8  | -1.8  | -1.7  | -1.6  | -1.7  | -1.9  | -1.8  | -1.1 | 0.0  | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 |
| 7.   | -2.2  | -1.6  | -1.0  | -1.2  | -1.7  | -1.6  | -2.6  | -2.7  | -1.4 | 5.5  | -1.1 | -1.1 | -1.2 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 |
| 8.   | -1.6  | -1.9  | -1.9  | -1.6  | -1.4  | -1.4  | -2.2  | -1.1  | 1.5  | 2.5  | 4.2  | 4.4  | 5.0  | 2.4  | 1.9  | 1.4  | 2.3  | 2.3  | 2.4  | 2.5  | 2.8  | 2.9  | 2.7  | 2.4  |
| 9.   | 2.2   | 1.6   | 1.4   | 1.0   | 0.8   | 0.3   | 0.3   | 0.5   | 0.8  | 1.9  | 3.1  | 3.9  | 5.2  | 5.8  | 5.0  | 4.9  | 5.1  | 4.9  | 4.6  | 4.3  | 4.1  | 3.9  | 4.2  | 4.5  |
| 10   | 4.6   | 4.9   | 5.4   | 5.5   | 6.1   | 7.4   | 8.1   | 8.3   | 8.8  | 9.2  | 9.4  | 9.9  | 10.8 | 11.8 | 12.1 | 11.4 | 11.3 | 10.3 | 10.2 | 8.6  | 7.5  | 7.5  | 8.5  | 9.0  |
| 11   | 7.8   | 4.8   | 4.2   | 3.9   | 3.5   | 2.7   | 2.8   | -2.2  | -3.5 | -5.5 | -6.3 | -6.6 | -7.3 | -7.4 | -7.2 | -7.2 | -7.7 | -2.3 | -1.9 | -1.8 | -1.1 | -2.0 | -1.0 | -1.0 |
| 12   | -0.9  | 0.4   | 0.6   | 0.2   | 0.0   | -0.2  | -0.2  | -0.2  | -0.5 | -0.5 | -0.6 | -1.1 | -1.4 | -1.5 | -1.3 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.3 | -2.0 | -2.0 | -2.0 |
| 13   | -2.9  | -5.8  | -5.9  | -5.9  | -5.5  | -6.7  | -6.1  | -8.1  | -4.3 | -2.8 | -2.1 | -1.6 | -1.2 | -1.5 | -1.8 | -1.7 | -2.9 | -5.5 | -3.3 | -3.6 | -4.7 | -4.2 | -4.6 | -4.6 |
| 14   | -5.1  | -5.1  | -5.8  | -6.6  | -5.0  | -5.8  | -6.6  | -6.9  | -3.9 | -1.0 | -0.2 | -2.7 | -3.8 | -4.0 | -4.8 | -4.4 | -4.4 | -5.0 | -3.2 | -3.6 | 0.0  | -0.5 | -0.8 | -1.8 |
| 15   | -3.6  | -4.8  | -4.9  | -5.2  | -4.0  | -3.5  | -2.7  | -2.2  | -2.0 | -1.7 | -1.2 | -1.1 | -1.2 | -0.4 | -1.2 | 1.4  | 2.1  | 1.9  | 1.7  | 1.8  | 1.9  | 2.2  | 2.3  | 2.3  |
| 16   | 2.3   | 2.2   | 2.2   | 2.1   | 1.9   | 2.0   | 1.2   | 0.9   | 1.4  | 1.6  | 3.0  | 3.0  | 1.5  | 1.5  | -3.3 | -2.0 | -1.9 | -1.5 | -1.1 | -2.6 | -2.7 | -3.4 | -4.0 | -4.1 |
| 17   | -4.5  | -5.2  | -5.7  | -5.8  | -5.9  | -5.9  | -6.1  | -6.7  | -6.5 | -4.9 | -4.5 | -5.3 | -5.5 | -5.6 | -7.3 | -8.9 | -8.9 | -8.9 | -8.9 | -9.1 | -8.8 | -9.2 | -9.1 | -9.8 |
| 18   | -10.3 | -11.0 | -10.2 | -10.6 | -10.6 | -10.6 | -10.3 | -10.8 | -8.1 | -5.4 | -3.4 | -3.2 | -4.4 | -5.5 | -5.1 | -5.6 | -5.3 | -4.9 | -4.4 | -3.9 | -5.9 | -7.3 | -8.3 | -8.9 |
| 19   | -9.2  | -8.8  | -9.0  | -7.7  | -4.0  | -3.1  | -2.8  | -3.0  | -2.0 | -1.3 | -2.3 | -2.2 | 1.0  | 2.3  | 2.9  | 3.5  | 4.3  | 4.7  | 4.7  | 4.9  | 5.6  | 5.6  | 5.6  | 5.4  |
| 20   | 5.5   | 5.5   | 5.4   | 5.4   | 5.4   | 5.3   | 5.2   | 5.3   | 5.2  | 5.4  | 5.4  | 5.6  | 5.8  | 6.1  | 6.4  | 5.9  | 6.0  | 5.9  | 6.1  | 6.4  | 6.5  | 6.2  | 6.6  | 6.6  |
| 21   | 6.7   | 6.5   | 6.4   | 6.1   | 5.7   | 5.4   | 5.1   | 4.7   | 4.9  | 5.3  | 5.4  | 5.6  | 6.4  | 6.2  | 6.4  | 6.5  | 6.6  | 6.4  | 5.9  | 5.6  | 5.5  | 5.0  | 4.8  | 4.7  |
| 22   | 5.0   | 4.8   | 4.6   | 4.7   | 4.8   | 4.5   | 4.0   | 3.9   | 4.4  | 5.5  | 6.8  | 7.1  | 7.5  | 6.7  | 6.8  | 6.5  | 6.0  | 5.5  | 4.9  | 4.4  | 4.3  | 4.6  | 4.8  | 4.7  |
| 23   | 4.7   | 4.7   | 5.3   | 5.5   | 5.4   | 5.4   | 5.4   | 5.0   | 5.0  | 5.5  | 6.1  | 5.8  | 5.6  | 6.5  | 7.1  | 8.1  | 8.4  | 8.6  | 8.4  | 8.3  | 8.3  | 8.3  | 8.5  | 7.7  |
| 24   | 7.5   | 7.4   | 7.2   | 7.0   | 6.7   | 6.1   | 5.9   | 5.9   | 5.8  | 5.7  | 4.1  | 4.4  | 4.3  | 1.7  | -2.2 | -2.4 | -1.6 | -2.6 | -1.5 | -2.0 | -2.8 | -4.0 | -3.8 | -4.1 |
| 25   | -4.5  | -4.6  | -5.0  | -5.0  | -4.6  | -4.8  | -4.4  | -4.4  | -4.2 | -2.9 | -2.1 | -1.1 | -1.1 | 2.0  | 1.0  | 0.0  | -2.2 | -2.2 | -2.2 | -2.4 | -2.7 | -1.2 | -1.1 | -1.1 |
| 26   | -1.2  | -1.2  | -1.8  | -1.7  | -2.7  | -3.2  | -3.5  | -3.5  | -3.2 | -2.5 | -1.1 | 1.1  | 1.5  | 2.6  | 2.4  | 2.1  | 2.3  | 2.8  | 2.9  | 3.1  | 3.1  | 2.2  | 2.2  | 2.2  |
| 27   | 2.2   | 2.2   | 2.1   | 1.8   | 1.7   | 1.5   | 1.3   | 1.1   | 1.2  | 2.2  | 3.4  | 3.9  | 4.6  | 4.6  | 4.8  | 5.3  | 5.2  | 4.1  | 2.3  | 1.9  | 3.0  | 3.0  | 2.5  | 2.7  |
| 28   | 2.6   | 2.2   | 1.5   | 1.8   | 1.3   | 0.5   | 0.3   | -0.8  | -0.4 | -0.2 | -1.5 | -1.5 | -2.4 | -3.3 | -3.1 | -3.4 | -4.3 | -3.9 | -4.8 | -5.6 | -6.1 | -5.2 | -5.1 | -5.5 |
| 29   | -5.5  | -6.3  | -4.3  | -4.2  | -5.9  | -7.0  | -6.8  | -6.6  | -5.5 | -4.9 | -3.9 | -2.8 | -1.9 | -1.5 | -2.2 | -2.5 | -1.5 | -1.5 | -1.5 | -1.7 | -1.8 | -1.8 | -1.1 | -1.1 |
| 30   | -1.5  | -1.9  | -2.3  | -2.5  | -2.7  | -2.9  | -2.9  | -2.9  | -2.7 | -2.0 | -1.1 | -0.2 | 0.8  | 1.5  | 1.5  | 2.0  | 2.4  | 2.6  | 2.4  | 2.5  | 2.9  | 3.1  | 3.2  | 3.1  |
| 31   | 3.4   | 3.3   | 3.1   | 3.1   | 3.4   | 3.5   | 3.8   | 3.8   | 3.9  | 4.9  | 5.7  | 5.9  | 6.5  | 7.0  | 7.4  | 7.4  | 7.6  | 7.5  | 7.5  | 7.6  | 7.4  | 7.8  | 7.7  | 7.5  |

| MEAN | 1.1 | .8 | .7 | .7 | .7 | .4 | .4 | .4 | .3 | .8 | 1.5 | 2.1 | 2.4 | 2.4 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 1.8 | 1.8 | 1.6 | 1.6 | 1.4 |
|------|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|------|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

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 | 5.3 | 6.4 | 7.2 | 7.5 | 3.8 | -0.3 | -0.6 | 1.6 | 3.1 | 8.6 | -1.6 | -0.4 | -4.0 | -3.6 | -0.8 | 0.1 |

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

MEAN DAILY DEWPOINT BASED ON HOURLY READINGS

| DATE | 17   | 18   | 19  | 20  | 21  | 22  | 23  | 24  | 25   | 26  | 27  | 28   | 29   | 30  | 31  |
|------|------|------|-----|-----|-----|-----|-----|-----|------|-----|-----|------|------|-----|-----|
| MEAN | -6.9 | -7.2 | 0.0 | 5.8 | 5.7 | 5.3 | 6.6 | 2.3 | -1.9 | 0.2 | 2.9 | -1.9 | -2.9 | 0.1 | 5.7 |

