



MONTHLY METEOROLOGICAL SUMMARY SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

MONTH/MOIS MAY / MAI

19 83

AT/A Winnipeg Int'l Airport / A L'AEROPORT INTERN. DE WPG. MAN.

| LAT: 49 ° 54 ' N | | LONG: 97 ° 14 ' W | | ELEVATION: ALTITUDE: 239.6 | | METRES (ASL) MÈTRES (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 HEURES |
| | 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 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 | | |
| 1 | 15.7 | -5.0 | 5.4 | 12.6 | 0.4 | 85 | 28 | | | | | 10.1 | E | NNE19* | 13.3 | |
| 2 | 19.7 | -0.7 | 9.5 | 8.5 | 4.5 | 79 | 11 | TR. | | TR. | | 6.7 | CALM | SSW17 | 11.0 | |
| 3 | 10.8 | -1.8 | 4.5 | 13.5 | | 98 | 48 | | | | | 25.2 | NW | NW 48 | 6.3 | |
| 4 | 10.9 | -7.0 | 2.0 | 16.0 | | 93 | 32 | | 0.2 | 0.2 | | 10.1 | NNE | NNW28 | 12.0 | |
| 5 | 14.0 | 0.8 | 7.4 | 10.6 | 2.4 | 78 | 44 | TR. | | TR. | | 16.6 | NNE* | NNE28 | 13.2 | |
| 6 | 12.5 | -2.6 | 5.0 | 13.0 | | 85 | 28 | | | | | 23.4 | NNE | NNE37 | 13.6 | |
| 7 | 12.0 | -5.0 | 3.5 | 14.5 | | 87 | 18 | | | | | 14.8 | NNE | NNE22* | 13.6 | |
| 8 | 19.5 | -0.4 | 9.6 | 8.4 | 4.6 | 55 | 15 | | | | | 24.0 | SSE | SE 41 | 12.8 | |
| 9 | 19.1 | 10.0 | 14.6 | 3.4 | 9.6 | 53 | 30 | TR. | | TR. | | 39.0 | SE | SE 48* | 5.0 | |
| 10 | 16.8 | 8.2 | 12.5 | 5.5 | 7.5 | 98 | 40 | | 0.5 | 0.5 | | 29.9 | SSE | SSE41 | 1.2 | |
| 11 | 8.6 | -1.5 | 3.6 | 14.4 | | 91 | 46 | TR. | | TR. | | 25.3 | N | NNE33 | 8.5 | |
| 12 | 10.2 | -0.6 | 4.8 | 13.2 | | 97 | 83 | | 4.0 | TR. | 4.0 | 31.5 | ENE | S 43 | 0.0 | |
| 13 | 6.2 | -3.1 | 1.6 | 16.4 | | 91 | 67 | | 1.0 | TR. | 1.0 | 30.3 | S | WNW41 | 1.7 | |
| 14 | 4.0 | -6.6 | -1.3 | 19.3 | | 82 | 47 | | | | | 18.5 | NNE | NW 30 | 9.3 | |
| 15 | 6.2 | -8.6 | -1.2 | 19.2 | | 95 | 31 | | | | | 12.8 | N | N 30 | 12.8 | |
| 16 | 13.2 | -5.4 | 3.9 | 14.1 | | 72 | 24 | | | | | 9.9 | S* | S 19* | 14.3 | |
| 17 | 23.0 | 1.3 | 12.2 | 5.8 | 7.2 | 80 | 25 | 1 | 0.8 | 0.8 | | 20.6 | S | S 30 | 10.6 | |
| 18 | 25.3 | 4.7 | 15.0 | 3.0 | 10.0 | 91 | 25 | 1 | 1.2 | 1.2 | | 17.3 | SSE | SSE39 | 7.8 | |
| 19 | 11.5 | -1.7 | 4.9 | 13.1 | | 100 | 61 | | 0.6 | 0.6 | | 21.8 | N | N 33 | 5.6 | |
| 20 | 18.8 | -4.2 | 7.3 | 10.7 | 2.3 | 94 | 26 | | | | | 10.3 | S | S 22 | 12.6 | |
| 21 | 23.2 | 6.4 | 14.8 | 3.2 | 9.8 | 81 | 40 | TR. | | TR. | | 24.5 | S | WNW37 | 5.4 | |
| 22 | 20.0 | 2.0 | 11.0 | 7.0 | 6.0 | 85 | 25 | | | | | 19.9 | NW | NW 31 | 14.2 | |
| 23 | 20.6 | 3.2 | 11.9 | 6.1 | 6.9 | 94 | 33 | | 2.2 | 2.2 | | 13.1 | N* | N 37 | 9.1 | |
| 24 | 12.3 | 0.3 | 6.3 | 11.7 | 1.3 | 87 | 28 | | 0.2 | 0.2 | | 18.6 | N | N 30* | 14.6 | |
| 25 | 18.6 | 0.0 | 9.3 | 8.7 | 4.3 | 64 | 21 | | | | | 8.9 | CALM | ESE22* | 14.6 | |
| 26 | 23.8 | 7.5 | 15.7 | 2.3 | 10.7 | 48 | 26 | | | | | 28.4 | SSE | SSE43 | 6.4 | |
| 27 | 26.0 | 9.8 | 17.9 | 0.1 | 12.9 | 91 | 31 | 1 | 14.2 | 14.2 | | 10.9 | ESE | N 26* | 11.8 | |
| 28 | 18.2 | 5.3 | 11.8 | 6.2 | 6.8 | 100 | 33 | 1 | 4.2 | 4.2 | | 24.6 | NNW | NNW46 | 9.0 | |
| 29 | 16.2 | 6.1 | 11.2 | 6.8 | 6.2 | 92 | 45 | | | | | 26.7 | N | NNE33* | 8.7 | |
| 30 | 17.8 | 7.6 | 12.7 | 5.3 | 7.7 | 88 | 48 | TR. | | TR. | | 28.7 | N | N 39 | 7.2 | |
| 31 | 18.7 | 2.1 | 10.4 | 7.6 | 5.4 | 90 | 36 | | | | | 9.5 | N | NNW26 | 12.9 | |
| MEAN MOYENNE | 15.9 | 0.7 | 8.3 | TOTAL 300.2 | TOTAL 126.5 | 85 | 35 | TOTAL 4 | TOTAL 29.1 | TOTAL TR. | TOTAL 29.1 | | 19.8 | PREVAILING DOMINANTE N | MAXIMUM NW48 SSE28 | TOTAL 299.1 |
| NORMAL NORMALE | 18.0 | 4.5 | 11.3 | 219.3 | 203.8 | 82 | 36 | 2.0 | 63.2 | 2.5 | 65.7 | | 20.2 | S | 59 | 265.6 |

| DEGREE-DAY SUMMARY - SOMMAIRE DE DEGRÉS-JOURS | | | | | | | | DAYS WITH TOTAL PRECIPITATION: JOURS AVEC PRÉCIPITATIONS | | | | | DAYS WITH SNOWFALL: JOURS AVEC CHÛTE DE NEIGE: | | | | |
|--|--------------------------|--------------------------------|----------------|---|--------------------------|--------------------------------|----------------|--|---------------------|---------------------|----------------------|----------------------|--|---------------------|---------------------|----------------------|----------------------|
| 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 | TOTALS: *OTHER | | | | | DIRECTIONS, ALSO | | | | |
| | | | | | | | | 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 | 300.2 | 155.8 | 219.3 | TOTAL FOR MONTH TOTAL DU MOIS | 126.5 | 266.0 | 203.8 | 11 | 6 | 4 | 1 | | | | | | |
| ACCUMULATED SINCE JULY 1 ACCUMULÉE DEPUIS LE 1 ^{er} JUILLET | 5406.4 | 5707.4 | 5853.2 | ACCUMULATED SINCE APRIL 1 ACCUMULÉE DEPUIS LE 1 ^{er} AVRIL | 163.6 | 333.0 | 253.8 | | | | | | | | | | |

UDC 551.506.1

UNOFFICIAL REPORTS OF HAIL IN THE CITY ON MAY 17, 1983. *INDICATES MORE THAN ONE OCCURENCE OF SAME SPEED BUT NOT NECESSARILY THE SAME DIRECTION.

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| COMPARATIVE RECORDS NIVEAUX COMPARATIFS | | MONTH MOIS | | MAY / MAI | | RECORD FOR THE MONTH RECORD POUR LE MOIS | | | | | | YEARS OF RECORD ANNÉES D'OBSERVATIONS | |
|--|--|------------------------------|--------------------------|-----------------------------------|---------------------------------|---|--|--|---|--|---|--|---------------|
| Temperature/Température Precipitation/Précipitation Rainfall/Hauteur de pluie Snowfall/Hauteur de neige Wind speed/Vitesse du vent Station pressure/Pression à la station | °Celsius - Millimètres (mm) - Millimètres (mm) - Centimètres (cm) - Kilomètres/Par heure (km/h) - Kilopascals (kPa) | THIS MONTH CE MOIS-CI | | PREVIOUS YEAR ANNÉE PRÉCÉDENTE | | NORMAL NORMALE | HIGHEST MAXIMUM ABSOLU | | | LOWEST MINIMUM ABSOLU | | | |
| | | VALUE RELEVÉ | DATE | VALUE RELEVÉ | DATE | | VALUE RELEVÉ | DAY JOUR | YEAR ANNÉE | VALUE RELEVÉ | DAY JOUR | | YEAR ANNÉE |
| | | | | | | | | | | | | | |
| HIGHEST TEMPERATURE TEMPÉRATURE LA PLUS ÉLEVÉE | | 26.0 | 27 | 31.0 | 28 | 29.4 | 37.8 | 30 | 1934 | 21.7 | 27,28 | 1974 | 112 |
| LOWEST TEMPERATURE TEMPÉRATURE LA PLUS BASSE | | -8.6 | 15 | -4.6 | 8 | -5.0 | 0.6 | 30 | 1922 | -11.7 | 2 | 1907 | 112 |
| MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE | | 8.3 | | 13.4 | | 11.3 | 17.8 | | 1977 | 4.4 | | 1907 | 112 |
| TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE | | 29.1 | | 23.3 | | 63.2 | 177.7 | | 1977 | 0.8 | | 1917 | 112 |
| TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE | | TR. | | TR. | | 2.5 | 32.5 | | 1931 | Nil | | (SEV) | 112 |
| TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE | | 29.1 | | 23.3 | | 65.7 | 177.7 | | 1977 | 0.8 | | 1917 | 112 |
| NO OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE | | 11 | | 11 | | 10 | 17 | | 1974 1979 | 1 | | 1917 | 100 |
| GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE | | 14.2 | 27* | 7.6 | 15 | | 67.6 | 11 | 1911 | | | | 112 |
| GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE | | TR. | 13 24 | TR. | 6 | | 21.1 | 1 | 1967 | | | | 112 |
| GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE | | 14.2 | 27* | 7.6 | 15 | | 71.1 | 11 | 1911 | | | | 112 |
| MAXIMUM RAINFALL RECORDED IN: HAUTEUR DE PLUIE MAXIMALE ENREGISTRÉE EN: | | | | | | | | | | | | | |
| 5 MINUTES | | 8.4 | 27 | 1.3 | 15 | | 10.0 | 25 | 1978 | | | | 24 |
| 10 MINUTES | | 12.5 | 27 | 2.1 | 15 | | 20.0 | 25 | 1978 | | | | 24 |
| 15 MINUTES | | 13.7 | 27 | 2.1 | 15 | | 24.0 | 25 | 1978 | | | | 24 |
| 30 MINUTES | | 14.0 | 27 | 2.6 | 15 | | 27.4 | 25 | 1978 | | | | 24 |
| 60 MINUTES | | 14.2 | 27 | 5.2 | 15 | | 31.6 | 25 | 1978 | | | | 24 |
| 24 CONSECUTIVE HOURS HEURES CONSECUTIVES | | 18.4 | 27-28 | 7.6 | 15 | | 67.6 | 11 | 1911 | | | | 112 |
| MEAN WIND SPEED (km/h) VITESSE MOYENNE DU VENT (km/h) | | 19.8 | | 19.5 | | 20.2 | 26.1 | | 1959 | 14.6 | | 1972 | 63 |
| MAXIMUM SPEED (1 min.) (km/h) VITESSE MAXIMALE (1 min.) (km/h) | | NW48 SSE48 | 3 9 | S46 WNW46 | 4 31 | 58 | NW 80 | 10 | 1959 | | | 1976 | 45 |
| MAXIMUM GUST SPEED (km/h) POINTE DU VENT MAXIMALE (km/h) | | SSE78 | 9 | WSW 81 | 6 | 85 | NW109 | 10 | 1959 | | | | 40 |
| TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION | | 299.1 | | 241.9 | | 265.6 | 357.4 | | 1917 | 126.6 | | 1927 | 84 |
| MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa) | | 98.58 | | 98.43 | | 98.53 | 98.92 | | 1961 | 98.17 | | 1965 | 45 |
| GREATEST STATION PRESSURE (kPa) PRESSION MAXIMALE À LA STATION (kPa) | | 99.69 | 7 | 99.53 | 20 | 99.96 | 100.54 | 7 | 1951 | | | | |
| LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa) | | 97.04 | 21 | 96.85 | 4 | 96.65 | | | | 95.49 | 5 | 1950 | 45 |
| 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 DEGRES JOURS DE CHAUFFE | GROWING DEGREE DAYS DEGRES JOURS DE CROISSANCE | | |
| 1974 | 21.7 | -2.2 | 8.6 | 155.2 | 0.8 | 156.0 | 17.2 | SE47 | 202.0 | 288.3 | 121.1 | | |
| 1975 | 26.7 | -0.6 | 12.2 | 45.2 | 2.8 | 47.5 | 17.1 | S47 | 283.8 | 180.4 | 225.4 | | |
| 1976 | 29.5 | -8.2 | 11.8 | 10.4 | TR. | 10.4 | 14.6 | N44 | 356.9 | 198.4 | 227.0 | | |
| 1977 | 32.6 | -1.8 | 17.8 | 177.7 | TR. | 177.7 | 21.2 | NW56 | 286.8 | 63.7 | 396.8 | | |
| 1978 | 28.9 | -1.1 | 14.5 | 122.6 | Nil | 122.6 | 20.6 | N 56 | 316.9 | 127.6 | 294.2 | | |
| 1979 | 27.2 | -2.9 | 7.3 | 82.6 | 8.3 | 93.1 | 19.8 | SW70 | 201.8 | 330.3 | 107.1 | | |
| 1980 | 37.0 | -4.7 | 15.7 | 7.0 | 0.8 | 7.8 | 17.2 | N 65 | 319.8 | 140.6 | 336.5 | | |
| 1981 | 29.9 | -8.5 | 10.9 | 47.6 | TR. | 47.6 | 18.7 | NNE63 | 294.4 | 224.0 | 189.2 | | |
| 1982 | 31.0 | -4.6 | 13.4 | 23.3 | TR. | 23.3 | 19.5 | WNW46 | 241.9 | 155.8 | 266.0 | | |
| 1983 | 26.0 | -8.6 | 8.3 | 29.1 | TR. | 29.1 | 19.8 | NW48 SSE48 SE48 | 299.1 | 300.2 | 126.5 | | |

*18.4 MM PRECIP. & RAIN 27-28 MAY/83

HOURLY DEWPOINT TEMPERATURES AT WINNIPEG INTERNATIONAL AIRPORT FOR THE MONTH OF MAY 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. | -4.3 | -5.1 | -5.2 | -5.3 | -5.6 | -6.5 | -5.1 | -3.4 | -2.7 | -2.3 | -3.8 | -3.9 | -4.3 | -3.4 | -2.6 | -1.9 | -2.4 | -3.5 | -3.2 | -3.6 | -1.6 | -1.9 | -2.5 | -2.6 |
| 2. | -2.7 | -3.4 | -3.4 | -3.4 | -4.6 | -3.7 | -2.9 | -5.1 | -1.1 | -1.7 | -2.5 | -1.2 | -5.6 | -9.2 | -11.8 | -11.8 | -4.6 | -4.5 | -3.0 | -3.0 | -3.0 | -1.6 | -1.9 | -2.6 |
| 3. | 2.7 | 2.0 | 1.7 | 3.0 | 0.0 | 0.0 | 5.5 | 2.0 | 2.5 | 2.7 | 2.7 | 2.0 | 4.4 | -9.2 | -2.7 | -2.1 | -2.3 | -1.7 | -4.5 | -3.0 | -3.0 | -1.6 | -1.9 | |
| 4. | -5.4 | -5.5 | -5.8 | -6.9 | -7.3 | -7.9 | -6.0 | -6.2 | -7.0 | -9.0 | -11.0 | -9.0 | -11.0 | -8.0 | -8.0 | -6.3 | -5.2 | -5.3 | -4.3 | -4.1 | -3.9 | -5.0 | -5.1 | |
| 5. | -4.2 | -4.7 | -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 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | -1.1 | |
| 6. | -5.4 | -5.1 | -4.7 | -4.7 | -4.2 | -4.9 | -4.3 | -3.6 | -3.4 | -2.7 | -5.4 | -5.1 | -4.7 | -4.7 | -6.2 | -6.2 | -7.0 | -7.0 | -6.9 | -7.3 | -7.2 | -7.6 | -7.3 | |
| 7. | -6.8 | -6.6 | -6.4 | -6.1 | -6.2 | -7.0 | -5.5 | -5.5 | -6.3 | -7.3 | -9.4 | -8.8 | -9.9 | -11.6 | -11.6 | -12.0 | -12.2 | -12.5 | -12.7 | -11.6 | -9.7 | -9.3 | -9.4 | |
| 8. | -10.2 | -9.9 | -9.6 | -9.1 | -8.6 | -7.9 | -7.5 | -7.2 | -6.6 | -7.0 | -6.9 | -8.4 | -7.9 | -6.8 | -8.4 | -8.5 | -8.2 | -8.2 | -7.5 | -7.1 | -6.7 | -5.4 | -4.4 | |
| 9. | -2.0 | -2.2 | -1.2 | -1.4 | 1.1 | 1.6 | 1.7 | 1.8 | 1.8 | 1.7 | 1.8 | 2.1 | 2.6 | 1.8 | 1.5 | 1.3 | 1.3 | 1.6 | 2.4 | 1.0 | 1.2 | 1.8 | 1.0 | |
| 10 | 1.5 | 1.5 | 1.4 | 1.3 | 1.5 | 2.2 | 3.0 | 7.0 | 6.8 | 9.2 | 9.3 | 10.4 | 10.2 | 10.4 | 11.6 | 11.7 | 11.7 | 10.8 | 11.6 | 9.6 | 8.6 | 7.0 | 6.8 | |
| 11 | 2.5 | 1.8 | 2.2 | 2.0 | 2.0 | 1.4 | -2.2 | -4.5 | -4.6 | -5.3 | -4.8 | -4.4 | -3.7 | -3.0 | -4.1 | -2.9 | -3.9 | -4.2 | -4.4 | -5.1 | -5.7 | -5.4 | -4.8 | |
| 12 | -2.5 | -1.3 | -1.3 | -1.1 | -1.2 | -1.2 | -0.9 | -2.2 | -2.2 | -1.2 | 1.2 | 2.0 | 2.8 | 2.8 | 3.0 | 3.4 | 4.7 | 5.5 | 6.2 | 6.8 | 8.1 | 6.9 | 5.1 | |
| 13 | 1.8 | 2.0 | 1.9 | 1.1 | -2.5 | -3.3 | -2.9 | -2.1 | -1.2 | -1.0 | -1.8 | -3.3 | -5.5 | 7.7 | 1.5 | -6.6 | 2.3 | 4.0 | 0.0 | -1.4 | -2.8 | -4.9 | -5.9 | |
| 14 | -7.6 | -8.0 | -8.7 | -8.5 | -9.7 | -8.9 | -9.7 | -9.4 | -9.7 | -9.0 | -8.6 | -8.5 | -8.0 | -7.6 | -7.3 | -7.5 | -7.3 | -6.8 | -6.2 | -7.1 | -7.6 | -8.0 | -8.0 | |
| 15 | -7.2 | -8.0 | -8.0 | -9.5 | -9.0 | -8.6 | -7.2 | -5.1 | -6.5 | -6.7 | -8.0 | -8.1 | -10.6 | -11.1 | -10.8 | -9.6 | -10.0 | -9.3 | -9.2 | -9.6 | -8.6 | -8.9 | -9.2 | |
| 16 | -8.9 | -8.6 | -7.9 | -9.2 | -9.8 | -10.2 | -8.4 | -9.2 | -9.0 | -8.6 | -8.1 | -8.1 | -8.6 | -8.8 | -7.3 | -8.5 | -7.4 | -7.4 | -7.6 | -6.8 | -6.7 | -7.1 | -7.2 | |
| 17 | -7.8 | -7.9 | -7.8 | -8.0 | -7.5 | -6.7 | -6.1 | -5.1 | -4.2 | -4.2 | 4.2 | 3.2 | 1.9 | -8.8 | 2.4 | 8.1 | 4.9 | 3.4 | 3.2 | 2.3 | 6.4 | 4.1 | 4.8 | |
| 18 | 3.2 | 1.0 | 1.1 | 2.0 | 4.4 | 2.0 | 4.3 | 5.4 | 6.9 | 7.9 | 7.6 | 6.9 | 7.1 | 7.8 | 5.9 | 3.5 | 8.8 | 4.0 | 4.0 | 8.0 | 7.1 | 9.0 | 8.9 | |
| 19 | 8.6 | 10.1 | 8.6 | 8.3 | 8.2 | 7.3 | 7.4 | 7.1 | 6.8 | 5.1 | 5.6 | 5.4 | 4.3 | 3.3 | 3.3 | 3.1 | 2.2 | 2.4 | 1.7 | 1.0 | 1.0 | 1.0 | 1.0 | |
| 20 | -3.0 | -3.0 | -3.5 | -3.3 | -4.8 | -4.5 | -1.4 | 7.7 | 8.8 | 7.8 | 7.6 | 1.0 | -2.2 | 1.0 | -1.4 | -1.2 | -2.0 | -1.2 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | |
| 21 | 5.2 | 5.5 | 5.9 | 6.1 | 6.2 | 6.1 | 6.8 | 6.8 | 7.1 | 7.3 | 8.7 | 8.6 | 8.6 | 9.2 | 9.0 | 7.9 | 8.2 | 5.5 | 6.3 | 7.1 | 4.9 | 4.6 | 4.2 | |
| 22 | 2.9 | 2.2 | 2.7 | 2.7 | 4.4 | -2.2 | 6.1 | 1.2 | 2.0 | 2.3 | 1.1 | -5.5 | -9.9 | -8.8 | -3.0 | -2.2 | -7.7 | 4.0 | 0.0 | 6.6 | 1.1 | 3.4 | 3.3 | |
| 23 | -1.7 | -7.7 | 4.4 | 7.4 | 7.4 | 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 | |
| 24 | 2.6 | 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 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | |
| 25 | -5.1 | -4.1 | -3.8 | -5.0 | -6.7 | -6.0 | -4.5 | -3.8 | -2.6 | -5.8 | -5.7 | -6.5 | -7.0 | -5.3 | -5.7 | -5.7 | -5.6 | -6.3 | -5.3 | -5.1 | -4.7 | -4.9 | -4.9 | |
| 26 | -3.2 | -2.4 | -2.4 | -3.6 | -3.8 | -2.6 | -2.8 | -1.6 | -1.1 | -1.1 | -5.5 | 2.2 | 1.1 | 2.0 | 1.7 | 1.7 | 2.0 | 2.9 | 3.3 | 3.6 | 2.8 | 2.8 | 3.3 | |
| 27 | 2.9 | 3.0 | 4.3 | 3.2 | 2.0 | 2.9 | 5.3 | 5.1 | 6.1 | 7.6 | 8.9 | 8.9 | 8.3 | 8.3 | 8.4 | 7.8 | 7.8 | 6.5 | 6.4 | 10.4 | 10.1 | 9.1 | 10.4 | |
| 28 | 11.5 | 10.7 | 10.8 | 9.7 | 9.3 | 8.3 | 9.1 | 10.0 | 9.1 | 7.8 | 3.4 | 4.7 | 4.4 | 3.3 | 5.1 | 5.0 | 6.4 | 6.0 | 6.4 | 3.2 | 3.1 | 2.8 | 3.2 | |
| 29 | 3.9 | 4.6 | 4.6 | 4.6 | 4.1 | 4.4 | 4.6 | 4.0 | 5.0 | 5.8 | 4.7 | 4.7 | 5.0 | 4.8 | 5.3 | 3.1 | 4.0 | 2.6 | 4.0 | 4.4 | 3.9 | 4.2 | 4.4 | |
| 30 | 4.7 | 4.4 | 4.4 | 5.5 | 6.3 | 6.7 | 7.0 | 7.1 | 7.0 | 7.4 | 7.6 | 6.2 | 6.4 | 6.3 | 6.0 | 6.1 | 5.7 | 5.7 | 5.4 | 4.7 | 5.5 | 4.9 | 4.8 | |
| 31 | 2.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | |
| MEAN | -8.8 | -9.9 | -1.0 | -1.4 | -1.6 | -1.6 | -8.8 | -1.6 | -1.1 | -1.1 | -1.1 | 0.0 | -4.4 | -6.6 | -7.7 | -7.7 | -4.4 | -5.5 | -3.3 | -3.3 | -2.2 | -8.8 | -4.4 | |

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 | -3.5 | -3.3 | -5.5 | -5.9 | -7.7 | -5.4 | -8.8 | -7.5 | .9 | 7.0 | -2.8 | 2.1 | -1.3 | -8.0 | -8.6 | -8.1 |

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 | -3.3 | 5.1 | 4.5 | -6.6 | 6.6 | 2.2 | 1.7 | -4.0 | -4.5 | .3 | 6.9 | 6.3 | 4.4 | 5.8 | 2.5 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 17 | S | S | S | S | S | S | S | S | S | WSW | SW | W | WSW | WNW | NW | NNW | NNW | NNW | NNE | NE | E | 1312 | |
| 18 | ENE | E | E | ESE | ESE | SE | SSE | SSE | SSE | S | SSE | S | SSE | SSW | SSE | SSW | SSW | SSW | SSW | SSW | W | 1407 | |
| 19 | N | NE | NNE | WNW | N | N | N | N | N | N | NNE | N | N | N | N | NNE | NNE | NNE | N | C | N | 1059 | |
| 20 | N | N | NNW | NNW | N | C | C | C | SE | SSW | S | SSW | S | SSW | SSW | SSW | S | S | S | S | S | 1639 | |
| 21 | S | S | S | SSE | SSE | S | SSE | S | S | S | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | SSW | 1903 | |
| 22 | NW | NW | NW | NW | NW | N | NNW | NW | NNW | NW | NNW | NW | NNW | NW | NNW | NW | NNW | NNW | NNW | NNW | NNW | 2023 | |
| 23 | NE | NE | NW | ENE | N | NNE | NE | NE | NE | C | NW | SW | WNW | WNW | NW | NW | N | C | C | N | N | 2003 | |
| 24 | N | N | NNW | N | N | N | NNE | N | NNE | N | N | NW | NNW | N | NNW | NW | NNW | NNW | NNW | NNW | NNE | 1139 | |
| 25 | C | C | SSE | S | S | SSW | C | SW | SW | SSW | S | SW | SSW | SSE | SSE | SSE | SSE | SSE | SSE | ENE | E | 2247 | |
| 26 | SE | SE | SSE | SSE | SSE | SSE | SSE | S | SSE | SSE | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SSE | 1441 | |
| 27 | ESE | SE | ESE | ESE | ESE | ENE | SE | SE | SSE | C | NE | NE | ESE | WNW | W | N | NW | NNW | E | C | NW | 2145 | |
| 28 | NE | N | NNW | N | C | C | WNW | WNW | NW | NNW | NW | NNW | NNW | NNW | NNW | NNW | NNW | NNW | NNW | NNW | NNW | NNW | 1226 |
| 29 | NNW | NNW | NNW | N | N | N | NNW | N | N | N | N | N | N | N | N | NNE | NNE | NNE | N | N | N | 1447 | |
| 30 | N | N | N | N | N | N | N | N | N | N | N | N | NNE | NNE | NNE | N | N | N | N | N | NNW | 1407 | |
| 31 | N | N | NNW | NNW | N | NE | NNE | NNE | C | N | NNW | N | NNW | ENE | N | NNE | N | N | NNE | NE | N | 1514 | |

MEAN 18.1 17.8 15.6 15.6 20.4 23.8 23.9 22.9 21.8 19.6 19.5
16.7 17.6 14.7 18.3 18.7 23.1 23.1 23.5 23.0 20.5 19.9 17.4