2011 Hourly Temperature Data[[1]](#footnote-1)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Collin** | **Dallas** | **Denton** | **Ellis** | **Johnson** | **Kaufman** | **Parker** | **Rockwall** | **Tarrant** | **Wise** |
| **12:00 AM** | 85.18 | 85.18 | 85.18 | 85.18 | 85.55 | 85.18 | 85.55 | 85.18 | 85.55 | 85.55 |
| **1:00 AM** | 84.01 | 84.01 | 84.01 | 84.01 | 84.40 | 84.01 | 84.40 | 84.01 | 84.40 | 84.40 |
| **2:00 AM** | 82.97 | 82.97 | 82.97 | 82.97 | 83.06 | 82.97 | 83.06 | 82.97 | 83.06 | 83.06 |
| **3:00 AM** | 81.91 | 81.91 | 81.91 | 81.91 | 81.82 | 81.91 | 81.82 | 81.91 | 81.82 | 81.82 |
| **4:00 AM** | 80.79 | 80.79 | 80.79 | 80.79 | 80.87 | 80.79 | 80.87 | 80.79 | 80.87 | 80.87 |
| **5:00 AM** | 79.73 | 79.73 | 79.73 | 79.73 | 79.56 | 79.73 | 79.56 | 79.73 | 79.56 | 79.56 |
| **6:00 AM** | 78.85 | 78.85 | 78.85 | 78.85 | 78.64 | 78.85 | 78.64 | 78.85 | 78.64 | 78.64 |
| **7:00 AM** | 80.01 | 80.01 | 80.01 | 80.01 | 79.29 | 80.01 | 79.29 | 80.01 | 79.29 | 79.29 |
| **8:00 AM** | 82.83 | 82.83 | 82.83 | 82.83 | 82.76 | 82.83 | 82.76 | 82.83 | 82.76 | 82.76 |
| **9:00 AM** | 86.30 | 86.30 | 86.30 | 86.30 | 86.59 | 86.30 | 86.59 | 86.30 | 86.59 | 86.59 |
| **10:00 AM** | 89.61 | 89.61 | 89.61 | 89.61 | 89.88 | 89.61 | 89.88 | 89.61 | 89.88 | 89.88 |
| **11:00 AM** | 92.62 | 92.62 | 92.62 | 92.62 | 93.30 | 92.62 | 93.30 | 92.62 | 93.30 | 93.30 |
| **12:00 PM** | 95.10 | 95.10 | 95.10 | 95.10 | 95.90 | 95.10 | 95.90 | 95.10 | 95.90 | 95.90 |
| **1:00 PM** | 97.02 | 97.02 | 97.02 | 97.02 | 97.72 | 97.02 | 97.72 | 97.02 | 97.72 | 97.72 |
| **2:00 PM** | 98.43 | 98.43 | 98.43 | 98.43 | 99.34 | 98.43 | 99.34 | 98.43 | 99.34 | 99.34 |
| **3:00 PM** | 99.36 | 99.36 | 99.36 | 99.36 | 100.26 | 99.36 | 100.26 | 99.36 | 100.26 | 100.26 |
| **4:00 PM** | 99.83 | 99.83 | 99.83 | 99.83 | 100.72 | 99.83 | 100.72 | 99.83 | 100.72 | 100.72 |
| **5:00 PM** | 99.57 | 99.57 | 99.57 | 99.57 | 100.42 | 99.57 | 100.42 | 99.57 | 100.42 | 100.42 |
| **6:00 PM** | 98.38 | 98.38 | 98.38 | 98.38 | 99.30 | 98.38 | 99.30 | 98.38 | 99.30 | 99.30 |
| **7:00 PM** | 96.03 | 96.03 | 96.03 | 96.03 | 97.18 | 96.03 | 97.18 | 96.03 | 97.18 | 97.18 |
| **8:00 PM** | 92.57 | 92.57 | 92.57 | 92.57 | 93.54 | 92.57 | 93.54 | 92.57 | 93.54 | 93.54 |
| **9:00 PM** | 89.93 | 89.93 | 89.93 | 89.93 | 90.73 | 89.93 | 90.73 | 89.93 | 90.73 | 90.73 |
| **10:00 PM** | 88.10 | 88.10 | 88.10 | 88.10 | 88.71 | 88.10 | 88.71 | 88.10 | 88.71 | 88.71 |
| **11:00 PM** | 86.49 | 86.49 | 86.49 | 86.49 | 86.90 | 86.49 | 86.90 | 86.49 | 86.90 | 86.90 |

2011 Hourly Relative Humidity Data[[2]](#footnote-2)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Collin** | **Dallas** | **Denton** | **Ellis** | **Johnson** | **Kaufman** | **Parker** | **Rockwall** | **Tarrant** | **Wise** |
| **12:00 AM** | 50.15 | 50.15 | 50.15 | 50.15 | 46.12 | 50.15 | 46.12 | 50.15 | 46.12 | 46.12 |
| **1:00 AM** | 52.90 | 52.90 | 52.90 | 52.90 | 49.02 | 52.90 | 49.02 | 52.90 | 49.02 | 49.02 |
| **2:00 AM** | 55.75 | 55.75 | 55.75 | 55.75 | 52.67 | 55.75 | 52.67 | 55.75 | 52.67 | 52.67 |
| **3:00 AM** | 58.76 | 58.76 | 58.76 | 58.76 | 56.13 | 58.76 | 56.13 | 58.76 | 56.13 | 56.13 |
| **4:00 AM** | 61.87 | 61.87 | 61.87 | 61.87 | 58.63 | 61.87 | 58.63 | 61.87 | 58.63 | 58.63 |
| **5:00 AM** | 64.62 | 64.62 | 64.62 | 64.62 | 61.78 | 64.62 | 61.78 | 64.62 | 61.78 | 61.78 |
| **6:00 AM** | 67.70 | 67.70 | 67.70 | 67.70 | 64.12 | 67.70 | 64.12 | 67.70 | 64.12 | 64.12 |
| **7:00 AM** | 66.62 | 66.62 | 66.62 | 66.62 | 63.75 | 66.62 | 63.75 | 66.62 | 63.75 | 63.75 |
| **8:00 AM** | 61.31 | 61.31 | 61.31 | 61.31 | 57.63 | 61.31 | 57.63 | 61.31 | 57.63 | 57.63 |
| **9:00 AM** | 54.11 | 54.11 | 54.11 | 54.11 | 50.25 | 54.11 | 50.25 | 54.11 | 50.25 | 50.25 |
| **10:00 AM** | 47.49 | 47.49 | 47.49 | 47.49 | 43.90 | 47.49 | 43.90 | 47.49 | 43.90 | 43.90 |
| **11:00 AM** | 41.71 | 41.71 | 41.71 | 41.71 | 37.73 | 41.71 | 37.73 | 41.71 | 37.73 | 37.73 |
| **12:00 PM** | 37.19 | 37.19 | 37.19 | 37.19 | 33.36 | 37.19 | 33.36 | 37.19 | 33.36 | 33.36 |
| **1:00 PM** | 33.77 | 33.77 | 33.77 | 33.77 | 30.55 | 33.77 | 30.55 | 33.77 | 30.55 | 30.55 |
| **2:00 PM** | 31.20 | 31.20 | 31.20 | 31.20 | 27.84 | 31.20 | 27.84 | 31.20 | 27.84 | 27.84 |
| **3:00 PM** | 29.42 | 29.42 | 29.42 | 29.42 | 26.27 | 29.42 | 26.27 | 29.42 | 26.27 | 26.27 |
| **4:00 PM** | 28.42 | 28.42 | 28.42 | 28.42 | 25.32 | 28.42 | 25.32 | 28.42 | 25.32 | 25.32 |
| **5:00 PM** | 28.30 | 28.30 | 28.30 | 28.30 | 25.17 | 28.30 | 25.17 | 28.30 | 25.17 | 25.17 |
| **6:00 PM** | 29.47 | 29.47 | 29.47 | 29.47 | 26.04 | 29.47 | 26.04 | 29.47 | 26.04 | 26.04 |
| **7:00 PM** | 32.42 | 32.42 | 32.42 | 32.42 | 28.45 | 32.42 | 28.45 | 32.42 | 28.45 | 28.45 |
| **8:00 PM** | 37.26 | 37.26 | 37.26 | 37.26 | 32.77 | 37.26 | 32.77 | 37.26 | 32.77 | 32.77 |
| **9:00 PM** | 41.36 | 41.36 | 41.36 | 41.36 | 36.64 | 41.36 | 36.64 | 41.36 | 36.64 | 36.64 |
| **10:00 PM** | 44.22 | 44.22 | 44.22 | 44.22 | 39.91 | 44.22 | 39.91 | 44.22 | 39.91 | 39.91 |
| **11:00 PM** | 47.42 | 47.42 | 47.42 | 47.42 | 43.27 | 47.42 | 43.27 | 47.42 | 43.27 | 43.27 |

2011 Barometric Pressure Data[[3]](#footnote-3)

|  |  |
| --- | --- |
| **County** | **Barometric Pressure** |
| **Collin** | 29.87 |
| **Dallas** | 29.87 |
| **Denton** | 29.87 |
| **Ellis** | 29.87 |
| **Johnson** | 29.85 |
| **Kaufman** | 29.87 |
| **Parker** | 29.85 |
| **Rockwall** | 29.87 |
| **Tarrant** | 29.85 |
| **Wise** | 29.85 |

1. Data provided by the TCEQ based on combined data from LEADS, NWS, and U.S. Air Force. [↑](#footnote-ref-1)
2. Data provided by the TCEQ based on combined data from LEADS, NWS, and U.S. Air Force. [↑](#footnote-ref-2)
3. Data provided by the TCEQ based on combined data from LEADS, NWS, and U.S. Air Force. [↑](#footnote-ref-3)