

Local Climatological Data

Yearly Summary for Norman, OK

2020

| MO | Temperature | | | | | | | | | Number of Days | | | |
|------|-----------------|------|------|------------|-----|-----------|-----|------------|-----|----------------|-----|-----------|----|
| | Monthly Average | | | Daily High | | Daily Low | | Daily Mean | | Daily High | | Daily Low | |
| | MX | MN | AV | MX | MN | MX | MN | MX | MN | 90> | 32< | 32< | 0< |
| Jan. | 54.8 | 34.0 | 43.8 | 72 | 38 | 54 | 24 | 60 | 29 | 0 | 0 | 13 | 0 |
| Feb. | 54.7 | 32.8 | 43.6 | 76 | 32 | 49 | 19 | 59 | 30 | 0 | 1 | 12 | 0 |
| Mar. | 67.6 | 47.7 | 57.1 | 94 | 47 | 67 | 32 | 77 | 44 | 1 | 0 | 1 | 0 |
| Apr. | 70.3 | 47.8 | 58.8 | 92 | 44 | 64 | 30 | 75 | 36 | 1 | 0 | 2 | 0 |
| May | 78.0 | 59.1 | 68.3 | 96 | 54 | 68 | 45 | 79 | 52 | 1 | 0 | 0 | 0 |
| Jun. | 89.8 | 68.1 | 78.8 | 96 | 83 | 77 | 57 | 84 | 72 | 19 | 0 | 0 | 0 |
| Jul. | 91.9 | 74.1 | 82.3 | 100 | 81 | 80 | 69 | 86 | 77 | 26 | 0 | 0 | 0 |
| Aug. | 91.4 | 69.8 | 79.9 | 100 | 82 | 76 | 63 | 85 | 74 | 24 | 0 | 0 | 0 |
| Sep. | 79.9 | 61.2 | 69.9 | 91 | 58 | 73 | 46 | 81 | 54 | 3 | 0 | 0 | 0 |
| Oct. | 70.7 | 48.4 | 58.5 | 91 | 33 | 67 | 29 | 76 | 32 | 1 | 0 | 3 | 0 |
| Nov. | 66.8 | 44.3 | 54.9 | 80 | 48 | 63 | 27 | 67 | 37 | 0 | 0 | 1 | 0 |
| Dec. | 55.4 | 31.9 | 42.7 | 74 | 33 | 46 | 21 | 55 | 31 | 0 | 0 | 19 | 0 |
| Year | 72.7 | 51.7 | 61.6 | 100 | 32 | 80 | 19 | 86 | 29 | 76 | 1 | 51 | 0 |
| Dep | +0.8 | +2.0 | +1.1 | -4 | +12 | +2 | +14 | -4 | +15 | +4 | -8 | -22 | ±0 |

| MO | Dew Point | | | | | | | | | Relative Humidity | | | | | | | | |
|------|-----------------|------|------|------------|----|-----------|----|------------|----|-------------------|----|----|------------|----|-----------|----|------------|----|
| | Monthly Average | | | Daily High | | Daily Low | | Daily Mean | | Monthly Average | | | Daily High | | Daily Low | | Daily Mean | |
| | MX | MN | AV | MX | MN | MX | MN | MX | MN | MX | MN | AV | MX | MN | MX | MN | MX | MN |
| Jan. | 41.2 | 27.7 | 34.6 | 64 | 26 | 48 | 16 | 53 | 21 | 92 | 50 | 73 | 100 | 64 | 100 | 17 | 100 | 43 |
| Feb. | 37.7 | 24.1 | 30.7 | 58 | 22 | 43 | 4 | 50 | 14 | 87 | 42 | 64 | 100 | 66 | 77 | 14 | 88 | 38 |
| Mar. | 52.2 | 37.3 | 44.8 | 68 | 28 | 64 | 17 | 66 | 22 | 92 | 44 | 69 | 100 | 55 | 90 | 16 | 99 | 36 |
| Apr. | 53.3 | 38.3 | 46.0 | 75 | 33 | 57 | 19 | 62 | 23 | 92 | 43 | 67 | 100 | 55 | 83 | 16 | 97 | 40 |
| May | 63.1 | 50.9 | 57.5 | 73 | 47 | 68 | 31 | 69 | 42 | 93 | 50 | 72 | 100 | 70 | 82 | 23 | 99 | 50 |
| Jun. | 68.6 | 58.2 | 64.2 | 77 | 54 | 70 | 34 | 74 | 42 | 88 | 41 | 64 | 100 | 69 | 60 | 17 | 83 | 38 |
| Jul. | 75.2 | 67.6 | 71.7 | 81 | 68 | 73 | 59 | 75 | 64 | 93 | 49 | 72 | 100 | 82 | 75 | 39 | 92 | 62 |
| Aug. | 71.1 | 62.1 | 66.8 | 80 | 62 | 72 | 47 | 74 | 58 | 91 | 42 | 67 | 100 | 71 | 63 | 23 | 84 | 54 |
| Sep. | 65.7 | 57.0 | 61.6 | 75 | 48 | 68 | 30 | 71 | 40 | 96 | 55 | 78 | 100 | 78 | 98 | 18 | 100 | 48 |
| Oct. | 54.4 | 41.5 | 47.0 | 71 | 33 | 62 | 27 | 65 | 32 | 92 | 48 | 70 | 100 | 67 | 100 | 18 | 100 | 35 |
| Nov. | 47.8 | 34.2 | 41.2 | 63 | 21 | 59 | 12 | 61 | 18 | 85 | 40 | 64 | 100 | 55 | 77 | 15 | 94 | 32 |
| Dec. | 37.5 | 25.1 | 31.0 | 55 | 22 | 31 | 12 | 47 | 17 | 88 | 43 | 68 | 100 | 59 | 88 | 16 | 95 | 42 |
| Year | 55.7 | 43.8 | 49.8 | 81 | 21 | 73 | 4 | 75 | 14 | 91 | 46 | 69 | 100 | 55 | 100 | 14 | 100 | 32 |
| Dep | +0.8 | +0.9 | +0.6 | +1 | -8 | +2 | ±0 | +1 | -5 | +2 | +2 | +2 | ±0 | -2 | +3 | -2 | +1 | +2 |

| MO | Heat Index & Wind Chill | | | | Snow Depth | | | Degree Days | | | | | |
|------|-------------------------|------|-------|----|------------|-------|-------|-------------|------|------------|----|-----------|----|
| | Mon Avg | | Daily | | Mon | Daily | Daily | Mon Total | | Daily High | | Daily Low | |
| | MX | MN | MX | MN | AV | MX | MN | H | C | H | C | H | C |
| Jan. | | 27.9 | | 8 | 0 | 0 | 0 | 658 | 1 | 36 | 1 | 5 | 0 |
| Feb. | | 26.1 | | 8 | 0 | 2 | 0 | 627 | 6 | 35 | 2 | 8 | 0 |
| Mar. | | 45.2 | 94 | 27 | 0 | 0 | 0 | 298 | 52 | 21 | 12 | 0 | 0 |
| Apr. | | 44.8 | 90 | 19 | 0 | 0 | 0 | 254 | 67 | 29 | 10 | 0 | 0 |
| May | 79.0 | | 100 | 43 | 0 | 0 | 0 | 70 | 172 | 13 | 14 | 0 | 0 |
| Jun. | 93.5 | | 106 | | 0 | 0 | 0 | 2 | 415 | 1 | 19 | 0 | 7 |
| Jul. | 99.7 | | 115 | | 0 | 0 | 0 | 0 | 537 | 0 | 21 | 0 | 12 |
| Aug. | 96.5 | | 109 | | 0 | 0 | 0 | 0 | 463 | 0 | 20 | 0 | 9 |
| Sep. | 81.5 | | 95 | 43 | 0 | 0 | 0 | 52 | 199 | 11 | 16 | 0 | 0 |
| Oct. | | | 91 | 20 | 0 | 1 | 0 | 294 | 92 | 33 | 11 | 0 | 0 |
| Nov. | | 41.4 | | 19 | 0 | 0 | 0 | 332 | 29 | 28 | 4 | 0 | 0 |
| Dec. | | 26.2 | | 13 | 0 | 1 | 0 | 694 | 2 | 34 | 1 | 11 | 0 |
| Year | 92.9 | 33.4 | 115 | 8 | 0 | 2 | 0 | 3281 | 2035 | 36 | 21 | | |
| Dep | -0.1 | -2.1 | +4 | -6 | ±0 | -2 | ±0 | +113 | +272 | +1 | +4 | | |

| MO | Weather Types | | | | | | | | | | Sunshine | | | Water Temp | | |
|------|----------------|-----|----|----|----|----|----|----|----|------|----------|-------|-------|------------|-------|-------|
| | Number of Days | | | | | | | | | | Mon | Daily | Daily | Mon | Daily | Daily |
| | FG | +FG | TS | PL | GR | GZ | DU | SM | BS | AV | MX | MN | AV | MX | MN | |
| Jan. | 14 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9.2 | 15 | 1 | 48.1 | 51 | 46 | |
| Feb. | 9 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 12.0 | 20 | 2 | 48.8 | 52 | 47 | |
| Mar. | 16 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 14.3 | 23 | 3 | 59.5 | 68 | 53 | |
| Apr. | 11 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 18.5 | 29 | 5 | 65.7 | 74 | 61 | |
| May | 15 | 1 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 21.5 | 30 | 4 | 76.1 | 80 | 70 | |
| Jun. | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 26.2 | 31 | 7 | 84.7 | 87 | 80 | |
| Jul. | 12 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 22.7 | 28 | 9 | 84.2 | 86 | 82 | |
| Aug. | 7 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 23.0 | 27 | 12 | 83.6 | 87 | 80 | |
| Sep. | 15 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 16.9 | 23 | 3 | 79.8 | 86 | 76 | |
| Oct. | 12 | 2 | 3 | 2 | 0 | 2 | 0 | 0 | 0 | 13.7 | 20 | 1 | 71.2 | 78 | 55 | |
| Nov. | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11.1 | 16 | 1 | 59.4 | 63 | 53 | |
| Dec. | 10 | 0 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 9.2 | 13 | 1 | 47.8 | 52 | 45 | |
| Year | 131 | 11 | 54 | 7 | 3 | 5 | 0 | 0 | 0 | 16.5 | 31 | 1 | 67.5 | 87 | 45 | |
| Dep | -2 | -3 | -2 | +3 | -2 | -2 | -1 | -1 | ±0 | -0.6 | -1 | -1 | | | | |

| MO | Precipitation | | | | | | |
|------|---------------|-------|----------------|------|------|------|-------|
| | Mon | Daily | Number of Days | | | | |
| | TOT | MX | >.01 | >.10 | >.25 | >.50 | >1.00 |
| Jan. | 3.76 | 1.40 | 7 | 5 | 4 | 3 | 2 |
| Feb. | 0.98 | 0.42 | 8 | 2 | 2 | 0 | 0 |
| Mar. | 5.46 | 1.64 | 15 | 9 | 6 | 3 | 1 |
| Apr. | 3.80 | 1.70 | 9 | 5 | 4 | 3 | 1 |
| May | 4.37 | 1.32 | 12 | 8 | 6 | 2 | 1 |
| Jun. | 2.02 | 1.05 | 3 | 3 | 3 | 2 | 1 |
| Jul. | 2.47 | 0.53 | 7 | 7 | 5 | 1 | 0 |
| Aug. | 5.32 | 3.61 | 6 | 6 | 4 | 2 | 1 |
| Sep. | 3.11 | 1.05 | 8 | 6 | 4 | 2 | 1 |
| Oct. | 5.23 | 2.46 | 6 | 4 | 3 | 3 | 3 |
| Nov. | 1.16 | 0.63 | 5 | 2 | 2 | 1 | 0 |
| Dec. | 3.69 | 1.18 | 8 | 5 | 4 | 4 | 1 |
| Year | 41.37 | 3.61 | 94 | 62 | 47 | 26 | 12 |
| Dep | +10.45 | +0.55 | -6 | +3 | +6 | +1 | ±0 |

| MO | Snowfall | | | | | | |
|------|----------|-------|----------------|------|------|------|------|
| | Mon | Daily | Number of Days | | | | |
| | TOT | MX | >0.1 | >1.0 | >2.0 | >4.0 | >6.0 |
| Jan. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Feb. | 2.8 | 2.8 | 1 | 1 | 1 | 0 | 0 |
| Mar. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Apr. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| May | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Jun. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Jul. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Aug. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Sep. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Oct. | 1.1 | 0.7 | 2 | 0 | 0 | 0 | 0 |
| Nov. | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Dec. | 1.9 | 1.1 | 2 | 1 | 0 | 0 | 0 |
| Year | 5.8 | 2.8 | 5 | 2 | 1 | 0 | 0 |
| Dep | -5.9 | -2.6 | -1 | -2 | -1 | ±0 | ±0 |

| MO | Altimeter | | | | | | | | |
|------|-----------------|-------|-------|------------|-------|-----------|-------|------------|-------|
| | Monthly Average | | | Daily High | | Daily Low | | Daily Mean | |
| | MX | MN | AV | MX | MN | MX | MN | MX | MN |
| Jan. | 30.24 | 30.00 | 30.12 | 30.64 | 29.74 | 30.52 | 29.50 | 30.57 | 29.57 |
| Feb. | 30.25 | 29.96 | 30.11 | 30.78 | 29.80 | 30.44 | 29.57 | 30.64 | 29.67 |
| Mar. | 30.14 | 29.89 | 30.02 | 30.60 | 29.64 | 30.41 | 29.53 | 30.50 | 29.60 |
| Apr. | 30.06 | 29.82 | 29.94 | 30.42 | 29.80 | 30.26 | 29.43 | 30.33 | 29.65 |
| May | 30.00 | 29.82 | 29.92 | 30.32 | 29.81 | 30.19 | 29.56 | 30.25 | 29.70 |
| Jun. | 29.96 | 29.80 | 29.88 | 30.29 | 29.69 | 30.15 | 29.43 | 30.21 | 29.60 |
| Jul. | 29.94 | 29.81 | 29.87 | 30.12 | 29.76 | 29.90 | 29.68 | 29.97 | 29.72 |
| Aug. | 29.96 | 29.83 | 29.89 | 30.13 | 29.77 | 30.01 | 29.60 | 30.04 | 29.68 |
| Sep. | 30.09 | 29.93 | 30.00 | 30.31 | 29.84 | 30.20 | 29.61 | 30.25 | 29.71 |
| Oct. | 30.16 | 29.91 | 30.04 | 30.42 | 29.81 | 30.19 | 29.59 | 30.29 | 29.69 |
| Nov. | 30.23 | 30.01 | 30.13 | 30.56 | 29.91 | 30.34 | 29.54 | 30.47 | 29.76 |
| Dec. | 30.22 | 30.00 | 30.11 | 30.40 | 29.96 | 30.21 | 29.67 | 30.30 | 29.85 |
| Year | 30.10 | 29.90 | 30.00 | 30.78 | 29.64 | 30.52 | 29.43 | 30.64 | 29.57 |
| Dep | +0.03 | +0.04 | +0.03 | +0.11 | +0.07 | +0.15 | +0.03 | +0.11 | +0.01 |

| MO | Average Wind Speed | | | | | | Max Speed | | Max Gust | |
|------|--------------------|-------|-------|-----|-------|-----|-----------|-----|----------|--|
| | Mon | Daily | Daily | Mon | Daily | Mon | Daily | Mon | Daily | |
| | AV | MX | MN | AV | MX | AV | MX | AV | MX | |
| Jan. | 6.9 | 12.4 | 1.7 | 14 | 24 | 23 | 34 | | | |
| Feb. | 7.5 | 11.1 | 2.5 | 14 | 19 | 22 | 29 | | | |
| Mar. | 7.0 | 11.9 | 2.8 | 14 | 22 | 22 | 35 | | | |
| Apr. | 7.4 | 11.9 | 2.6 | 15 | 26 | 24 | 37 | | | |
| May | 5.9 | 11.0 | 2.3 | 13 | 25 | 23 | 36 | | | |
| Jun. | 6.0 | 10.9 | 2.3 | 12 | 22 | 22 | 36 | | | |
| Jul. | 6.0 | 9.2 | 3.4 | 14 | 36 | 23 | 58 | | | |
| Aug. | 5.5 | 9.4 | 2.8 | 12 | 26 | 21 | 36 | | | |
| Sep. | 4.6 | 10.0 | 1.4 | 10 | 25 | 18 | 38 | | | |
| Oct. | 6.6 | 13.7 | 2.5 | 13 | 25 | 21 | 35 | | | |
| Nov. | 7.3 | 12.9 | 3.1 | 15 | 30 | 23 | 38 | | | |
| Dec. | 6.2 | 16.6 | 1.7 | 13 | 27 | 20 | 36 | | | |
| Year | 6.4 | 16.6 | 1.4 | 15 | 36 | 24 | 58 | | | |
| Dep | +0.5 | +1.2 | +0.1 | ±0 | +2 | ±0 | +4 | | | |