

# SEPTEMBER - Table of Climate Normals (1971-2000) and Extremes (1947-2002)

Oak Ridge, Tennessee

| Day | Normal Temperatures |        |        |        |        |        |             |             | Record Temperatures |        |       |        |        |      |            |            |       |             | Record Precipitation |       |          |          |      |
|-----|---------------------|--------|--------|--------|--------|--------|-------------|-------------|---------------------|--------|-------|--------|--------|------|------------|------------|-------|-------------|----------------------|-------|----------|----------|------|
|     | Max °F              | Max °C | Min °F | Min °C | Avg °F | Avg °C | Precip (in) | Precip (mm) | Max °F              | Max °C | Year  | Min °F | Min °C | Year | Low Max °F | Low Max °C | Year  | High Min °F | High Min °C          | Year  | Max (in) | Max (mm) | Year |
| 01  | 85                  | 29.4   | 63     | 17.2   | 74     | 23.3   | 0.12        | 3.0         | 101                 | 38.3   | 1953  | 51     | 10.6   | 1954 | 66         | 18.9       | 1976  | 75          | 23.9                 | 1961  | 3.27     | 83.1     | 1982 |
| 02  | 85                  | 29.4   | 63     | 17.2   | 74     | 23.3   | 0.12        | 3.0         | 99                  | 37.2   | 1953  | 48     | 8.9    | 1987 | 69         | 20.6       | 1986  | 73          | 22.8                 | 1961  | 1.33     | 33.8     | 1974 |
| 03  | 84                  | 28.9   | 63     | 17.2   | 74     | 23.3   | 0.12        | 3.0         | 98                  | 36.7   | 1954  | 50     | 10.0   | 1987 | 69         | 20.6       | 1974  | 73          | 22.8                 | 1993* | 1.71     | 43.4     | 1993 |
| 04  | 84                  | 28.9   | 63     | 17.2   | 73     | 22.8   | 0.12        | 3.0         | 100                 | 37.8   | 1954  | 49     | 9.4    | 1952 | 67         | 19.4       | 1974  | 74          | 23.3                 | 1966  | 2.27     | 57.7     | 1988 |
| 05  | 84                  | 28.9   | 62     | 16.7   | 73     | 22.8   | 0.12        | 3.0         | 102                 | 38.9   | 1954  | 50     | 10.0   | 1984 | 71         | 21.7       | 1994  | 70          | 21.1                 | 1979  | 1.39     | 35.3     | 1953 |
| 06  | 84                  | 28.9   | 62     | 16.7   | 73     | 22.8   | 0.13        | 3.3         | 102                 | 38.9   | 1954  | 49     | 9.4    | 1984 | 70         | 21.1       | 1988  | 72          | 22.2                 | 1947  | 1.04     | 26.4     | 1975 |
| 07  | 83                  | 28.3   | 62     | 16.7   | 73     | 22.8   | 0.13        | 3.3         | 99                  | 37.2   | 1954  | 49     | 9.4    | 1984 | 70         | 21.1       | 1977  | 70          | 21.1                 | 1973* | 1.42     | 36.1     | 1977 |
| 08  | 83                  | 28.3   | 62     | 16.7   | 72     | 22.2   | 0.13        | 3.3         | 93                  | 33.9   | 2002* | 49     | 9.4    | 1984 | 71         | 21.7       | 1967  | 70          | 21.1                 | 1990* | 0.87     | 22.1     | 1987 |
| 09  | 83                  | 28.3   | 61     | 16.1   | 72     | 22.2   | 0.13        | 3.3         | 97                  | 36.1   | 1954  | 47     | 8.3    | 1958 | 74         | 23.3       | 1969  | 70          | 21.1                 | 1973  | 2.07     | 52.6     | 1968 |
| 10  | 83                  | 28.3   | 61     | 16.1   | 72     | 22.2   | 0.13        | 3.3         | 96                  | 35.6   | 2002  | 48     | 8.9    | 1993 | 69         | 20.6       | 1948  | 70          | 21.1                 | 2000* | 2.18     | 55.4     | 1960 |
| 11  | 82                  | 27.8   | 61     | 16.1   | 72     | 22.2   | 0.13        | 3.3         | 93                  | 33.9   | 1983  | 42     | 5.6    | 1976 | 70         | 21.1       | 1968  | 70          | 21.1                 | 1989* | 0.82     | 20.8     | 1955 |
| 12  | 82                  | 27.8   | 60     | 15.6   | 71     | 21.7   | 0.13        | 3.3         | 94                  | 34.3   | 1998  | 45     | 7.2    | 1976 | 72         | 22.2       | 1985  | 72          | 22.2                 | 1965  | 2.52     | 64.0     | 1987 |
| 13  | 82                  | 27.8   | 60     | 15.6   | 71     | 21.7   | 0.13        | 3.3         | 101                 | 38.3   | 1998  | 49     | 9.4    | 1975 | 67         | 19.4       | 1975* | 70          | 21.1                 | 1991* | 2.34     | 59.5     | 1957 |
| 14  | 82                  | 27.8   | 60     | 15.6   | 71     | 21.7   | 0.13        | 3.3         | 98                  | 36.8   | 1998  | 42     | 5.6    | 1985 | 70         | 21.1       | 1985  | 70          | 21.1                 | 1957  | 0.99     | 25.2     | 2002 |
| 15  | 81                  | 27.2   | 59     | 15.0   | 70     | 21.1   | 0.13        | 3.3         | 94                  | 34.4   | 1991  | 42     | 5.6    | 1961 | 68         | 20.0       | 1961  | 69          | 20.6                 | 2002  | 2.16     | 54.9     | 1981 |
| 16  | 81                  | 27.2   | 59     | 15.0   | 70     | 21.1   | 0.13        | 3.3         | 94                  | 34.4   | 1956  | 42     | 5.6    | 1962 | 70         | 21.3       | 2000  | 70          | 21.1                 | 1991* | 3.37     | 85.6     | 1962 |
| 17  | 81                  | 27.2   | 59     | 15.0   | 70     | 21.1   | 0.13        | 3.3         | 94                  | 34.4   | 1991  | 45     | 7.2    | 1975 | 65         | 18.3       | 1975  | 70          | 21.1                 | 1991  | 1.32     | 33.5     | 1994 |
| 18  | 81                  | 27.2   | 58     | 14.4   | 70     | 21.1   | 0.13        | 3.3         | 95                  | 35.0   | 1954  | 39     | 3.9    | 1981 | 60         | 15.6       | 1981  | 70          | 21.1                 | 1991* | 1.17     | 29.7     | 1992 |
| 19  | 80                  | 26.7   | 58     | 14.4   | 69     | 20.6   | 0.13        | 3.3         | 97                  | 36.1   | 1954  | 39     | 3.9    | 1966 | 66         | 18.9       | 1966  | 73          | 22.8                 | 1957  | 2.74     | 69.6     | 1969 |
| 20  | 80                  | 26.7   | 58     | 14.4   | 69     | 20.6   | 0.13        | 3.3         | 94                  | 34.4   | 1998  | 40     | 4.4    | 1991 | 68         | 20.0       | 1991* | 73          | 22.8                 | 1957  | 1.33     | 33.8     | 1954 |
| 21  | 80                  | 26.7   | 57     | 13.9   | 68     | 20.0   | 0.13        | 3.3         | 95                  | 35.0   | 1955  | 42     | 5.6    | 1982 | 66         | 18.9       | 1999* | 74          | 23.3                 | 1957  | 2.20     | 55.9     | 2002 |
| 22  | 79                  | 26.1   | 57     | 13.9   | 68     | 20.0   | 0.13        | 3.3         | 95                  | 35.0   | 1955  | 36     | 2.2    | 1975 | 59         | 15.0       | 1975  | 69          | 20.6                 | 1980* | 1.77     | 45.0     | 1989 |
| 23  | 79                  | 26.1   | 56     | 13.3   | 68     | 20.0   | 0.13        | 3.3         | 92                  | 33.3   | 1995  | 37     | 2.8    | 1975 | 62         | 16.7       | 1975  | 67          | 19.4                 | 1980  | 1.65     | 41.9     | 1975 |
| 24  | 79                  | 26.1   | 56     | 13.3   | 67     | 19.4   | 0.12        | 3.0         | 91                  | 32.8   | 1961  | 37     | 2.8    | 1974 | 60         | 15.6       | 1974  | 70          | 21.2                 | 2000  | 1.94     | 49.2     | 1997 |
| 25  | 78                  | 25.6   | 55     | 12.8   | 67     | 19.4   | 0.12        | 3.0         | 90                  | 32.2   | 1961  | 40     | 4.4    | 1989 | 58         | 14.4       | 1989  | 66          | 18.9                 | 1993* | 1.00     | 25.4     | 1989 |
| 26  | 78                  | 25.6   | 55     | 12.8   | 67     | 19.4   | 0.12        | 3.0         | 93                  | 33.8   | 1998  | 37     | 4.4    | 2001 | 62         | 16.7       | 1975  | 69          | 20.6                 | 1993  | 1.35     | 34.3     | 1976 |
| 27  | 78                  | 25.6   | 54     | 12.2   | 66     | 18.9   | 0.12        | 3.0         | 95                  | 35.0   | 1998  | 40     | 4.4    | 1980 | 64         | 17.8       | 1980* | 69          | 20.6                 | 1972  | 1.25     | 31.8     | 1979 |
| 28  | 78                  | 25.6   | 54     | 12.2   | 66     | 18.9   | 0.11        | 2.8         | 91                  | 32.9   | 1998  | 41     | 5.0    | 1980 | 58         | 14.4       | 1980  | 68          | 20.1                 | 1998  | 0.91     | 23.1     | 1967 |
| 29  | 77                  | 25.0   | 53     | 11.7   | 65     | 18.3   | 0.11        | 2.8         | 89                  | 31.7   | 1954  | 40     | 4.4    | 1967 | 54         | 12.2       | 1967  | 70          | 21.1                 | 1989  | 1.89     | 48.0     | 1964 |
| 30  | 77                  | 25.0   | 53     | 11.7   | 65     | 18.3   | 0.11        | 2.8         | 89                  | 31.4   | 1998  | 33     | 0.6    | 1984 | 54         | 12.2       | 1984  | 74          | 23.3                 | 1989  | 2.36     | 60.0     | 1955 |