

# JULY

## DAILY NORMALS (1991-2020)

## DAILY RECORDS (1874 THRU 2024)

|           | HI | LO | AVG | HDD | CDD | MAX      | MIN     | LO MAX  | HI MIN  | HI MEAN   | LO MEAN   |
|-----------|----|----|-----|-----|-----|----------|---------|---------|---------|-----------|-----------|
| <b>1</b>  | 83 | 61 | 72  | 0   | 7   | 99 1913  | 45 1978 | 64 1988 | 76 1901 | 85.5 1913 | 57 1988   |
| <b>2</b>  | 83 | 61 | 72  | 0   | 8   | 98 1966  | 40 1978 | 66 2021 | 77 2018 | 87 2018   | 58 1978   |
| <b>3</b>  | 83 | 62 | 72  | 0   | 8   | 102 1911 | 44 1978 | 65 2021 | 74 2018 | 87.5 1911 | 59.5 1978 |
| <b>4</b>  | 83 | 62 | 73  | 0   | 8   | 104 1911 | 44 1971 | 64 1932 | 76 1911 | 90 1911   | 58.5 1978 |
| <b>5</b>  | 84 | 62 | 73  | 0   | 8   | 99 1919  | 44 1982 | 60 1972 | 75 2018 | 86 1911   | 56.5 1972 |
|           |    |    |     |     |     |          |         |         |         |           |           |
| <b>6</b>  | 84 | 62 | 73  | 0   | 8   | 97 1886  | 47 1962 | 61 1956 | 76 2010 | 86 2010   | 58.5 1956 |
| <b>7</b>  | 84 | 62 | 73  | 0   | 8   | 97 1988  | 44 1979 | 66 1891 | 73 1883 | 84 1921   | 61 1891   |
| <b>8</b>  | 84 | 62 | 73  | 0   | 8   | 100 1936 | 43 1969 | 65 1915 | 75 1921 | 85 1912   | 60 1969   |
| <b>9</b>  | 84 | 62 | 73  | 0   | 8   | 103 1936 | 41 1963 | 66 1918 | 76 2024 | 88.5 1936 | 54.5 1963 |
| <b>10</b> | 84 | 62 | 73  | 0   | 8   | 100 1936 | 47 1963 | 67 1927 | 78 1880 | 87 1936   | 59.5 1963 |
|           |    |    |     |     |     |          |         |         |         |           |           |
| <b>11</b> | 84 | 63 | 73  | 0   | 8   | 98 1936  | 48 1986 | 66 1919 | 76 1882 | 86 1936   | 58 1945   |
| <b>12</b> | 84 | 63 | 73  | 0   | 8   | 96 1935  | 44 1978 | 63 1986 | 75 1916 | 85 1916   | 58 1940   |
| <b>13</b> | 84 | 63 | 73  | 0   | 8   | 96 1894  | 45 1939 | 64 1926 | 73 1881 | 84 1894   | 59 1926   |
| <b>14</b> | 84 | 63 | 73  | 0   | 8   | 99 1995  | 49 1940 | 67 1960 | 74 1995 | 86.5 1995 | 60.5 1950 |
| <b>15</b> | 84 | 63 | 73  | 0   | 8   | 96 1997  | 44 1950 | 67 1903 | 74 2024 | 84 2024   | 61 1903   |
|           |    |    |     |     |     |          |         |         |         |           |           |
| <b>16</b> | 84 | 63 | 74  | 0   | 8   | 97 1900  | 44 1946 | 68 1892 | 76 1901 | 85 1901   | 60.5 1954 |
| <b>17</b> | 84 | 63 | 74  | 0   | 8   | 99 1900  | 45 1974 | 70 1918 | 77 1900 | 88 1900   | 62 1956   |
| <b>18</b> | 84 | 63 | 74  | 0   | 8   | 100 1953 | 46 1939 | 65 1875 | 77 2013 | 85.5 2013 | 60 1875   |
| <b>19</b> | 84 | 63 | 74  | 0   | 8   | 97 1904  | 47 1875 | 65 1971 | 74 2013 | 85 2013   | 56.5 1971 |
| <b>20</b> | 84 | 63 | 74  | 0   | 8   | 97 2022  | 49 1974 | 68 1950 | 72 2022 | 84.5 2022 | 60.5 1950 |
|           |    |    |     |     |     |          |         |         |         |           |           |
| <b>21</b> | 84 | 63 | 74  | 0   | 8   | 101 1930 | 45 1974 | 67 1997 | 76 2011 | 87.5 2011 | 61.5 1974 |
| <b>22</b> | 84 | 63 | 73  | 0   | 8   | 102 1926 | 47 1970 | 70 1928 | 74 1916 | 86.5 1926 | 61 1958   |
| <b>23</b> | 84 | 63 | 73  | 0   | 8   | 97 2022  | 45 1981 | 64 1992 | 74 1935 | 84.5 1918 | 59.5 1981 |
| <b>24</b> | 84 | 63 | 73  | 0   | 8   | 97 2022  | 45 1985 | 65 1974 | 75 2018 | 83.5 2001 | 60 1974   |
| <b>25</b> | 84 | 63 | 73  | 0   | 8   | 97 1963  | 46 1953 | 67 2017 | 74 1892 | 83 1892   | 61.5 1876 |
|           |    |    |     |     |     |          |         |         |         |           |           |
| <b>26</b> | 84 | 63 | 73  | 0   | 8   | 96 1963  | 46 1976 | 70 2000 | 75 1892 | 84.5 1892 | 62 1920   |
| <b>27</b> | 84 | 63 | 73  | 0   | 8   | 97 1955  | 47 1977 | 62 1984 | 74 2023 | 82 1963   | 59 1984   |
| <b>28</b> | 84 | 63 | 73  | 0   | 8   | 99 1929  | 44 1971 | 68 1994 | 74 1919 | 85.5 1929 | 61.5 1903 |
| <b>29</b> | 84 | 63 | 73  | 0   | 8   | 97 1894  | 47 1987 | 67 1976 | 75 1918 | 85 1894   | 62.5 1987 |
| <b>30</b> | 84 | 63 | 73  | 0   | 8   | 100 1933 | 44 1968 | 68 1878 | 73 1933 | 86.5 1933 | 60 1968   |
| <b>31</b> | 84 | 62 | 73  | 0   | 8   | 98 1917  | 49 2021 | 65 1985 | 81 1917 | 89.5 1917 | 58 1978   |

# DAILY RECORD PRECIPITATION AND WIND GUST

## DAILY RECORD PRECIP (1874 THRU 2024)

## DAILY RECORD WIND GUST (1987 THRU 2024)

1 2.76 2009  
 2 1.17 2023  
 3 1.66 1974  
 4 1.15 1999  
 5 2.18 2005  
  
 6 1.38 1930  
 7 2.08 1935  
 8 2.82 1915  
 9 2.07 2007  
 10 1.65 2023  
  
 11 1.54 2021  
 12 2.32 1874  
 13 3.49 1996  
 14 3.11 1897  
 15 3.23 2000  
  
 16 1.51 1975  
 17 1.62 1907  
 18 2.31 2023  
 19 2.24 1966  
 20 2.34 1945  
  
 21 1.27 1931  
 22 1.59 2019  
 23 2.49 2008  
 24 1.24 1908  
 25 1.57 1908  
  
 26 2.18 1979  
 27 2.15 2004  
 28 1.55 1982  
 29 1.90 1974  
 30 2.70 1960  
  
 31 2.55 2016

1 46 W 2001  
 2 42 N 2020  
 3 37 NE 2020  
 4 38 W 2001  
 5 43 W 1990  
  
 6 52 W 1999  
 7 43 SW 2014  
 8 40 NW 1993  
 9 49 W 2007  
 10 41 S 2024  
  
 11 38 NW 1989  
 12 33 NW 2001  
 13 41 NW 2011  
 14 34 W 2016  
 15 77 NW 1995  
  
 16 49 W 2024  
 17 38 NW 2019  
 18 48 N 1987  
 19 38 NW 2013  
 20 44 NW 2019  
  
 21 41 W 2003  
 22 37 NW 2008  
 23 37 NW 2014  
 24 44 W 2022  
 25 35 W 2024  
  
 26 39 NW 2011  
 27 48 NW 2018  
 28 41 NW 2018  
 29 52 W 1993  
 30 37 W 2019  
  
 31 33 W 2024

# **30-YEAR AVERAGE FOR JULY (1991 - 2020)**

|      |      |      |     |     |        |      |
|------|------|------|-----|-----|--------|------|
| HI   | LO   | AVG  | HDD | CDD | PRECIP | SNOW |
| 83.9 | 62.4 | 73.1 | 3   | 255 | 4.55   | 0.0  |

## **TOP TEN\***

|    | WARMEST |      |  | COLDEST |      |  | WETTEST |      | DRIEST |      |
|----|---------|------|--|---------|------|--|---------|------|--------|------|
|    | =====   |      |  | =====   |      |  | =====   |      | =====  |      |
| 1  | 79.7    | 1868 |  | 67.6    | 1992 |  | 10.70   | 2023 | 0.49   | 1968 |
| 2  | 78.6    | 1872 |  | 67.6    | 2000 |  | 9.91    | 2009 | 0.62   | 1929 |
| 3  | 77.6    | 1820 |  | 68.3    | 1860 |  | 9.37    | 1871 | 0.70   | 1849 |
| 4  | 77.3    | 1854 |  | 68.3    | 2009 |  | 8.96    | 2021 | 0.84   | 2002 |
| 5  | 77.3    | 2024 |  | 68.4    | 1971 |  | 8.57    | 1850 | 0.86   | 1955 |
| 6  | 77.1    | 1825 |  | 68.6    | 1976 |  | 7.92    | 1848 | 1.07   | 1898 |
| 7  | 77.1    | 1887 |  | 68.6    | 1829 |  | 7.83    | 1863 | 1.20   | 1963 |
| 8  | 77.0    | 1870 |  | 68.6    | 1875 |  | 7.54    | 2005 | 1.27   | 1922 |
| 9  | 76.6    | 1866 |  | 68.8    | 1978 |  | 7.20    | 2004 | 1.28   | 1910 |
| 10 | 76.5    | 1921 |  | 68.9    | 1965 |  | 7.19    | 1970 | 1.29   | 1964 |
|    |         |      |  | 68.9    | 1984 |  |         |      |        |      |
|    |         |      |  | 68.9    | 2001 |  |         |      |        |      |
|    | =====   |      |  | =====   |      |  | =====   |      | =====  |      |

\*TEMPERATURE RECORDS FROM 1820.

\*PRECIPITATION RECORDS FROM 1826.

\*SNOWFALL RECORDS FROM 1885.

\*THE SOURCES OF ALL RECORDS THROUGH 1873 ARE: THE REGENTS OF NEW YORK UNIVERSITY, AND; DR. PHILIP TEN EYCK. THE NATIONAL WEATHER SERVICE IS THE SOURCE OF ALL RECORDS DATED 1874 AND LATER.