

# Local Climatological Data Daily Summary August 2023

Current Location: Elev: 89 ft. Lat: 28.4182° N Lon: 81.3241° W

Generated on 09/15/2023

Station: **ORLANDO INTERNATIONAL AIRPORT, FL US WBAN:12815 (ICAO:KMCO)**

| Date  | Temperature (F) |                  |     |                       |     |                  |                           | Degree Days (base 65F) |      | Sun (LST)  |                               | Weather              | Precipitation (in) |                    |                  | Pressure (inHg) |                | Wind | Maximum Wind Speed = MPH |                 |                  |           |                   |          |             |
|---|-----------------|------------------|-----|-----------------------|-----|------------------|---------------------------|------------------------|------|------------|-------------------------------|----------------------|--------------------|--------------------|------------------|-----------------|----------------|------|--------------------------|-----------------|------------------|-----------|-------------------|----------|-------------|
|   | Max             | Min              | Avg | Dep                   | ARH | ADP              | AWB                       | Heat                   | Cool | Rise       | Set                           |                      | Weather Type       |                    |                  | TLC             | Snow Fall      |      | Snow Depth               | Avg Stn         | Avg SL           | Avg Speed | Peak Speed        | Peak Dir | Sust. Speed |
|   | 2               | 3                | 4   | 5                     | 6   | 7                | 8                         | 9                      | 10   | 11         | 12                            | 13                   |                    |                    | 14               | 15              | 16             | 17   | 18                       | 19              | 20               | 21        | 22                | 23       |             |
| 01  | 94              | 73*              | 84  | 1.0                   |     |                  |                           | 0                      | 19   | 0547       | 1916                          |                      |                    | 0.00               | 0.0              | 0               | 29.91          |      | 5.3                      | 21              | 110              | 15        | 123               |          |             |
| 02  | 93              | 76               | 85  | 1.9                   |     |                  |                           | 0                      | 20   | 0548       | 1915                          |                      |                    | 0.00               | 0.0              | 0               | 29.93          |      | 7.2                      | 27              | 070              | 20        | 080               |          |             |
| 03  | 92              | 78               | 85  | 1.9                   |     |                  |                           | 0                      | 20   | 0548       | 1914                          |                      |                    | T                  | 0.0              | 0               | 29.92          |      | 7.6                      | 24              | 100              | 16        | 100               |          |             |
| 04  | 95              | 76               | 86  | 2.9                   |     |                  |                           | 0                      | 21   | 0549       | 1914                          | TS                   |                    | T                  | 0.0              | 0               | 29.87          |      | 4.8                      | 28              | 030              | 20        | 030               |          |             |
| 05  | 96              | 78               | 87  | 3.9                   |     |                  |                           | 0                      | 22   | 0549       | 1913                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.86          |      | 4.1                      | 30              | 320              | 22        | 280               |          |             |
| 06  | 93              | 77               | 85  | 1.9                   |     |                  |                           | 0                      | 20   | 0550       | 1912                          | TS RA BR             |                    | 0.74               | 0.0              | 0               | 29.91          |      | 6.4                      | 37              | 310              | 26        | 310               |          |             |
| 07  | 98              | 79               | 89  | 5.9                   |     |                  |                           | 0                      | 24   | 0550       | 1911                          |                      |                    | 0.00               | 0.0              | 0               | 29.93          |      | 4.7                      | 19              | 290              | 13        | 300               |          |             |
| 08  | 99              | 80               | 90  | 7.0                   |     |                  |                           | 0                      | 25   | 0551       | 1911                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.93          |      | 6.0                      | 19              | 220              | 14        | 270               |          |             |
| 09  | 99              | 81               | 90  | 7.0                   |     |                  |                           | 0                      | 25   | 0551       | 1910                          |                      |                    | 0.00               | 0.0              | 0               | 29.88          |      | 6.8                      | 19              | 250              | 14        | 170               |          |             |
| 10  | 98              | 80               | 89  | 6.0                   |     |                  |                           | 0                      | 24   | 0552       | 1909                          | TS                   |                    | 0.06               | 0.0              | 0               | 29.85          |      | 6.3                      | 30              | 260              | 23        | 280               |          |             |
| 11  | 99              | 79               | 89  | 6.0                   |     |                  |                           | 0                      | 24   | 0553       | 1908                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.85          |      | 4.3                      | 24              | 180              | 18        | 190               |          |             |
| 12  | 100*            | 79               | 90  | 7.0                   |     |                  |                           | 0                      | 25   | 0553       | 1907                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.87          |      | 5.3                      | 25              | 090              | 18        | 100               |          |             |
| 13  | 96              | 78               | 87  | 4.0                   |     |                  |                           | 0                      | 22   | 0554       | 1906                          |                      |                    | 0.00               | 0.0              | 0               | 29.90          |      | 6.0                      | 19              | 120              | 12        | 170               |          |             |
| 14  | 96              | 78               | 87  | 4.0                   |     |                  |                           | 0                      | 22   | 0554       | 1905                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.91          |      | 7.5                      | 26              | 180              | 18        | 220               |          |             |
| 15  | 97              | 76               | 87  | 4.0                   |     |                  |                           | 0                      | 22   | 0555       | 1904                          | TS RA FG             |                    | 1.09               | 0.0              | 0               | 29.88          |      | 6.1                      | 53              | 280              | 36        | 290               |          |             |
| 16  | 95              | 77               | 86  | 3.1                   |     |                  |                           | 0                      | 21   | 0555       | 1903                          | TS RA                |                    | 0.32               | 0.0              | 0               | 29.85          |      | 5.7                      | 48              | 270              | 35        | 260               |          |             |
| 17  | 94              | 75               | 85  | 2.1                   |     |                  |                           | 0                      | 20   | 0556       | 1903                          | TS RA FG BR          |                    | 1.63               | 0.0              | 0               | 29.85          |      | 6.9                      | 47              | 260              | 35        | 280               |          |             |
| 18  | 92              | 75               | 84  | 1.1                   |     |                  |                           | 0                      | 19   | 0556       | 1902                          | TS                   |                    | T                  | 0.0              | 0               | 29.86          |      | 5.7                      | 35              | 260              | 24        | 280               |          |             |
| 19  | 94              | 76               | 85  | 2.1                   |     |                  |                           | 0                      | 20   | 0557       | 1901                          | RA                   |                    | T                  | 0.0              | 0               | 29.86          |      | 5.8                      | 25              | 130              | 18        | 120               |          |             |
| 20  | 89              | 78               | 84  | 1.2                   |     |                  |                           | 0                      | 19   | 0557       | 1900                          | TS RA                |                    | 0.03               | 0.0              | 0               | 29.92          |      | 8.6                      | 34              | 150              | 23        | 140               |          |             |
| 21  | 93              | 79               | 86  | 3.2                   |     |                  |                           | 0                      | 21   | 0558       | 1859                          |                      |                    | 0.00               | 0.0              | 0               | 29.94          |      | 10.7                     | 33              | 070              | 20        | 060               |          |             |
| 22  | 94              | 77               | 86  | 3.2                   |     |                  |                           | 0                      | 21   | 0558       | 1858                          |                      |                    | 0.00               | 0.0              | 0               | 29.88          |      | 7.9                      | 22              | 070              | 16        | 050               |          |             |
| 23  | 94              | 77               | 86  | 3.2                   |     |                  |                           | 0                      | 21   | 0559       | 1857                          |                      |                    | 0.00               | 0.0              | 0               | 29.82          |      | 6.7                      | 21              | 070              | 16        | 070               |          |             |
| 24  | 93              | 78               | 86  | 3.3                   |     |                  |                           | 0                      | 21   | 0559       | 1855                          |                      |                    | T                  | 0.0              | 0               | 29.83          |      | 10.3                     | 26              | 050              | 21        | 070               |          |             |
| 25  | 93              | 76               | 85  | 2.3                   |     |                  |                           | 0                      | 20   | 0600       | 1854                          |                      |                    | 0.00               | 0.0              | 0               | 29.83          |      | 8.2                      | 22              | 060              | 16        | 050               |          |             |
| 26  | 94              | 77               | 86  | 3.3                   |     |                  |                           | 0                      | 21   | 0600       | 1853                          |                      |                    | 0.00               | 0.0              | 0               | 29.75          |      | 6.7                      | 23              | 070              | 16        | 070               |          |             |
| 27  | 93              | 76               | 85  | 2.4                   |     |                  |                           | 0                      | 20   | 0601       | 1852                          | TS RA                |                    | 0.49               | 0.0              | 0               | 29.68          |      | 5.9                      | 25              | 070              | 16        | 090               |          |             |
| 28  | 94              | 78               | 86  | 3.4                   |     |                  |                           | 0                      | 21   | 0601       | 1851                          | TS                   |                    | 0.00               | 0.0              | 0               | 29.69          |      | 6.9                      | 26              | 150              | 20        | 150               |          |             |
| 29  | 93              | 77               | 85  | 2.5                   |     |                  |                           | 0                      | 20   | 0602       | 1850                          | TS RA                |                    | 0.02               | 0.0              | 0               | 29.72          |      | 8.3                      | 34              | 200              | 24        | 200               |          |             |
| 30  | 85              | 78               | 82  | -0.5                  |     |                  |                           | 0                      | 17   | 0602       | 1849                          | TS RA FG BR          |                    | 2.54               | 0.0              | 0               | 29.59          |      | 15.4                     | 41              | 170              | 30        | 200               |          |             |
| 31  | 91              | 76               | 84  | 1.5                   |     |                  |                           | 0                      | 19   | 0603       | 1848                          | TS RA FG BR HZ       |                    | 1.23               | 0.0              | 0               | 29.75          |      | 5.2                      | 50              | 300              | 32        | 300               |          |             |
| <b>Monthly Averages   Totals</b>  |                 |                  |     |                       |     |                  |                           |                        |      |            |                               |                      | 8.15               |                    |                  | 29.85           | 29.95          | 6.9  |                          |                 |                  |           |                   |          |             |
| <b>Departure from Normal (1981-2010)</b>  |                 |                  |     |                       |     |                  |                           |                        |      |            |                               |                      | 1.02s              |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| <b>Degree Days</b>  |                 |                  |     |                       |     |                  |                           |                        |      |            | <b>Number of days with...</b> |                      |                    |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| <b>Monthly</b>  |                 |                  |     | <b>Season-to-date</b> |     |                  |                           | <b>Temperature</b>     |      |            |                               | <b>Precipitation</b> |                    |                    | <b>Snow</b>      |                 | <b>Weather</b> |      |                          |                 |                  |           |                   |          |             |
| <b>Total</b>  |                 | <b>Departure</b> |     | <b>Total</b>          |     | <b>Departure</b> |                           | <b>Max</b>             |      | <b>Min</b> |                               | <b>&gt;=0.01"</b>    |                    |                    | <b>&gt;=0.1"</b> |                 | <b>&gt;=1"</b> |      | <b>T-Storms</b>          |                 | <b>Heavy Fog</b> |           |                   |          |             |
| Heating   |                 | 0                |     | 0                     |     | 0                |                           | >=90°                  |      | <=32°      |                               | <=32°                |                    | <=0°               |                  | 9s              |                |      | 6s                       |                 | 0                |           | 19                | 1        |             |
| Cooling   |                 | 647              |     | 94                    |     | 3006             |                           |                        |      |            |                               |                      |                    |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| <b>Date of 5-sec to 3-sec wind equipment change</b>                                   |                 |                  |     |                       |     |                  | <b>Sea Level Pressure</b> |                        |      |            |                               |                      |                    | <b>Greatest...</b> |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| N/A   |                 |                  |     |                       |     |                  | <b>Maximum</b>            |                        |      | 30.09      |                               | <b>Date</b>          |                    | 21                 |                  | <b>Time</b>     |                | 0953 |                          | <b>24-Hr...</b> |                  |           | <b>Snow Depth</b> |          |             |
|   |                 |                  |     |                       |     |                  | <b>Minimum</b>            |                        |      | 29.64      |                               | 30                   |                    | 0510               |                  | 2.56            |                |      | <b>Snowfall</b>          |                 | <b>Date</b>      |           |                   |          |             |
|   |                 |                  |     |                       |     |                  | 29-30                     |                        |      |            |                               |                      |                    |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| <b>Station Augmentation</b>   |                 |                  |     |                       |     |                  |                           |                        |      |            |                               |                      |                    |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |
| Name: N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A |                 |                  |     |                       |     |                  |                           |                        |      |            |                               |                      |                    |                    |                  |                 |                |      |                          |                 |                  |           |                   |          |             |