

# Local Climatological Data Daily Summary August 2017

Current Location: Elev: 19 ft. Lat: 26.6847° N Lon: -80.0994° W

Generated on 10/11/2017

Station: **WEST PALM BEACH INTERNATIONAL AIRPORT, FL US 12844**

| 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                           |             | TLC                | Snow Fall            | Snow Depth | Avg Stn          | Avg SL      |                | Avg Speed                | Direction = Degrees |                 |                  |                   |  |      |  |                 |  |
|  |                 |                  |     |      |                       |     |                  |                           |      |                    |                               |             |                    |                      |            |                  |             | Peak Speed     |                          | Peak Dir            | Sust. Speed     | Sust. Dir        |                   |  |      |  |                 |  |
| 1  | 2               | 3                | 4   | 5    | 6                     | 7   | 8                | 9                         | 10   | 11                 | 12                            | 13          | 14                 | 15                   | 16         | 17               | 18          | 19             | 20                       | 21                  | 22              | 23               |                   |  |      |  |                 |  |
| 01   | 83              | 75               | 79  | -4.3 | 87                    | 74  | 75               | 0                         | 14   | 0545               | 1908                          | TS RA BR    | 1.34               |                      |            | 29.98            | 30.02       | 9.0            | 28                       | 210                 | 21              | 210              |                   |  |      |  |                 |  |
| 02   | 90              | 73*              | 82  | -1.3 | 82                    | 75  | 77               | 0                         | 17   | 0546               | 1907                          | TS RA       | 0.12               |                      |            | 30.07            | 30.10       | 4.8            | 32                       | 230                 | 26              | 230              |                   |  |      |  |                 |  |
| 03   | 92              | 77               | 84  | 0.7  | 76                    | 76  | 79               | 0                         | 19   | 0546               | 1907                          |             | 0.00               |                      |            | 30.10            | 30.13       | 8.2            | 25                       | 130                 | 18              | 140              |                   |  |      |  |                 |  |
| 04   | 91              | 82               | 86  | 2.7  | 74                    | 77  | 79               | 0                         | 21   | 0547               | 1906                          |             | 0.00               |                      |            | 30.09            | 30.11       | 11.0           | 26                       | 120                 | 20              | 120              |                   |  |      |  |                 |  |
| 05   | 91              | 82               | 86  | 2.7  | 71                    | 75  | 78               | 0                         | 21   | 0547               | 1905                          |             | 0.00               |                      |            | 30.06            | 30.08       | 9.8            | 23                       | 140                 | 16              | 130              |                   |  |      |  |                 |  |
| 06   | 91              | 82               | 86  | 2.7  | 72                    | 76  | 79               | 0                         | 21   | 0548               | 1905                          |             | 0.00               |                      |            | 30.05            | 30.07       | 13.7           | 24                       | 100                 | 20              | 110              |                   |  |      |  |                 |  |
| 07   | 90              | 82               | 86  | 2.7  | 70                    | 75  | 78               | 0                         | 21   | 0548               | 1904                          | RA          | 0.06               |                      |            | 30.02            | 30.04       | 12.6           | 24                       | 110                 | 21              | 130              |                   |  |      |  |                 |  |
| 08   | 91              | 82               | 86  | 2.7  | 68                    | 74  | 78               | 0                         | 21   | 0549               | 1903                          |             |                    |                      |            | 30.00            | 30.02       | 12.3           | 24                       | 130                 | 20              | 130              |                   |  |      |  |                 |  |
| 09   | 92              | 83               | 88  | 4.7  | 66                    | 74  | 78               | 0                         | 23   | 0549               | 1902                          |             | 0.01               |                      |            | 30.02            | 30.05       | 9.2            | 21                       | 090                 | 16              | 110              |                   |  |      |  |                 |  |
| 10   | 89              | 79               | 84  | 0.8  | 76                    | 75  | 77               | 0                         | 19   | 0550               | 1901                          | TS RA BR    | 1.34               |                      |            | 30.04            | 30.07       | 7.1            | 21                       | 220                 | 17              | 220              |                   |  |      |  |                 |  |
| 11   | 92              | 78               | 85  | 1.8  | 73                    | 74  | 77               | 0                         | 20   | 0550               | 1901                          | TS RA BR    | 0.29               |                      |            | 30.03            | 30.06       | 6.7            | 22                       | 310                 | 20              | 310              |                   |  |      |  |                 |  |
| 12   | 94              | 78               | 86  | 2.8  | 68                    | 75  | 78               | 0                         | 21   | 0551               | 1900                          | TS          | 0.03               |                      |            | 29.98            | 30.01       | 5.4            | 20                       | 260                 | 16              | 270              |                   |  |      |  |                 |  |
| 13   | 91              | 77               | 84  | 0.8  | 72                    | 74  | 77               | 0                         | 19   | 0551               | 1859                          |             | 0.00               |                      |            | 29.97            | 29.99       | 5.9            | 28                       | 130                 | 18              | 320              |                   |  |      |  |                 |  |
| 14   | 92              | 76               | 84  | 0.9  | 77                    | 74  | 76               | 0                         | 19   | 0552               | 1858                          | TS RA       | 0.02               |                      |            | 29.97            | 29.99       | 5.2            | 20                       | 250                 | 15              | 240              |                   |  |      |  |                 |  |
| 15   | 92              | 76               | 84  | 0.9  | 74                    | 74  | 77               | 0                         | 19   | 0552               | 1857                          | TS          | 0.04               |                      |            | 29.98            | 30.01       | 4.6            | 22                       | 200                 | 16              | 210              |                   |  |      |  |                 |  |
| 16   | 92              | 77               | 84  | 0.9  | 71                    | 74  | 78               | 0                         | 19   | 0553               | 1856                          |             | 0.00               |                      |            | 30.04            | 30.07       | 4.6            | 25                       | 120                 | 18              | 110              |                   |  |      |  |                 |  |
| 17   | 95*             | 79               | 87  | 4.0  | 65                    | 76  | 79               | 0                         | 22   | 0553               | 1855                          |             | 0.00               |                      |            | 30.04            | 30.06       | 5.5            | 20                       | 130                 | 16              | 130              |                   |  |      |  |                 |  |
| 18   | 94              | 79               | 86  | 3.0  | 68                    | 75  | 78               | 0                         | 21   | 0554               | 1855                          |             | 0.00               |                      |            | 29.99            | 30.01       | 7.4            | 23                       | 110                 | 17              | 120              |                   |  |      |  |                 |  |
| 19   | 94              | 79               | 86  | 3.0  | 68                    | 75  | 78               | 0                         | 21   | 0554               | 1854                          | TS          | 0.00               |                      |            | 29.96            | 29.98       | 8.7            | 22                       | 130                 | 18              | 140              |                   |  |      |  |                 |  |
| 20   | 86              | 78               | 82  | -0.9 | 80                    | 76  | 78               | 0                         | 17   | 0554               | 1853                          | TS RA BR    | 0.42               |                      |            | 29.99            | 30.03       | 6.8            | 22                       | 100                 | 17              | 150              |                   |  |      |  |                 |  |
| 21   | 94              | 83               | 88  | 5.1  | 63                    | 75  | 79               | 0                         | 23   | 0555               | 1852                          |             | 0.00               |                      |            | 30.04            | 30.08       | 11.9           | 23                       | 110                 | 18              | 090              |                   |  |      |  |                 |  |
| 22   | 94              | 82               | 88  | 5.2  | 69                    | 76  | 79               | 0                         | 23   | 0555               | 1851                          | RA          | 0.01               |                      |            | 30.00            | 30.01       | 11.1           | 24                       | 040                 | 17              | 060              |                   |  |      |  |                 |  |
| 23   | 90              | 79               | 84  | 1.2  | 79                    | 76  | 78               | 0                         | 19   | 0556               | 1850                          | TS RA       | 0.06               |                      |            | 29.90            | 29.92       | 7.5            | 25                       | 130                 | 22              | 130              |                   |  |      |  |                 |  |
| 24   | 85              | 74               | 80  | -2.7 | 86                    | 75  | 76               | 0                         | 15   | 0556               | 1849                          | TS RA BR    | 0.83               |                      |            | 29.86            | 29.89       | 8.9            | 30                       | 190                 | 23              | 210              |                   |  |      |  |                 |  |
| 25   | 88              | 74               | 81  | -1.7 | 82                    | 73  | 75               | 0                         | 16   | 0557               | 1848                          | TS RA BR    | 0.24               |                      |            | 29.95            | 29.97       | 10.1           | 35                       | 230                 | 26              | 230              |                   |  |      |  |                 |  |
| 26   | 90              | 76               | 83  | 0.3  | 81                    | 74  | 76               | 0                         | 18   | 0557               | 1847                          | RA BR       | 0.16               |                      |            | 29.96            | 29.98       | 9.4            | 34                       | 220                 | 28              | 230              |                   |  |      |  |                 |  |
| 27   | 92              | 75               | 84  | 1.4  | 76                    | 73  | 75               | 0                         | 19   | 0558               | 1846                          | RA          |                    |                      |            | 29.90            | 29.91       | 9.0            | 42                       | 270                 | 30              | 260              |                   |  |      |  |                 |  |
| 28   | 93              | 77               | 85  | 2.4  | 78                    | 74  | 77               | 0                         | 20   | 0558               | 1845                          | TS RA FG BR | 0.75               |                      |            | 29.88            | 29.90       | 8.6            | 28                       | 240                 | 22              | 250              |                   |  |      |  |                 |  |
| 29   | 91              | 74               | 82  | -0.5 | 78                    | 76  | 78               | 0                         | 17   | 0559               | 1844                          |             | 0.00               |                      |            | 29.93            | 29.96       | 5.7            | 21                       | 130                 | 16              | 130              |                   |  |      |  |                 |  |
| 30   | 92              | 78               | 85  | 2.5  | 73                    | 75  | 78               | 0                         | 20   | 0559               | 1843                          |             | 0.00               |                      |            | 29.98            | 30.01       | 6.6            | 20                       | 120                 | 14              | 120              |                   |  |      |  |                 |  |
| 31   | 91              | 83               | 87  | 4.5  | 75                    | 77  | 80               | 0                         | 22   | 0559               | 1842                          |             | 0.00               |                      |            | 30.01            | 30.03       | 9.8            | 23                       | 120                 | 17              | 120              |                   |  |      |  |                 |  |
| <b>Monthly Averages   Totals</b>   |                 |                  |     |      |                       |     |                  |                           |      |                    |                               |             | 5.72               |                      |            | 29.99            | 30.02       |                |                          |                     |                 |                  |                   |  |      |  |                 |  |
| <b>Departure from Normal (1981-2010)</b>   |                 |                  |     |      |                       |     |                  |                           |      |                    |                               |             | -2.23              |                      |            |                  |             |                |                          |                     |                 |                  |                   |  |      |  |                 |  |
| <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  |                 |                  |     |      |                       |     |                  |                           |      | >=90°              |                               | <=32°       |                    | <=32°                |            | <=0°             |             | 16             |                          | 9                   |                 |                  |                   |  |      |  |                 |  |
| Cooling  |                 |                  |     |      |                       |     |                  |                           |      | 26                 |                               | 0           |                    | 0                    |            | 0                |             | 16             |                          | 9                   |                 |                  |                   |  |      |  |                 |  |
| <b>Date of 5-sec to 3-sec wind equipment change</b>                                  |                 |                  |     |      |                       |     |                  | <b>Sea Level Pressure</b> |      |                    |                               |             | <b>Greatest...</b> |                      |            |                  |             |                |                          |                     |                 |                  |                   |  |      |  |                 |  |
| 2009-07-21   |                 |                  |     |      |                       |     |                  | <b>Maximum</b>            |      | 30.16              |                               |             | <b>Date</b>        |                      | 03         |                  | <b>Time</b> |                | 2253                     |                     | <b>24-Hr...</b> |                  | <b>Snow Depth</b> |  |      |  |                 |  |
|  |                 |                  |     |      |                       |     |                  | <b>Minimum</b>            |      | 29.84              |                               |             | <b>Date</b>        |                      | 24         |                  | <b>Time</b> |                | 0459                     |                     | <b>Precip</b>   |                  |                   |  | 1.35 |  | <b>Snowfall</b> |  |
|  |                 |                  |     |      |                       |     |                  | <b>Date</b>               |      |                    |                               |             |                    |                      |            |                  |             | 09-10          |                          |                     |                 |                  |                   |  |      |  |                 |  |
| <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 |                 |                  |     |      |                       |     |                  |                           |      |                    |                               |             |                    |                      |            |                  |             |                |                          |                     |                 |                  |                   |  |      |  |                 |  |