

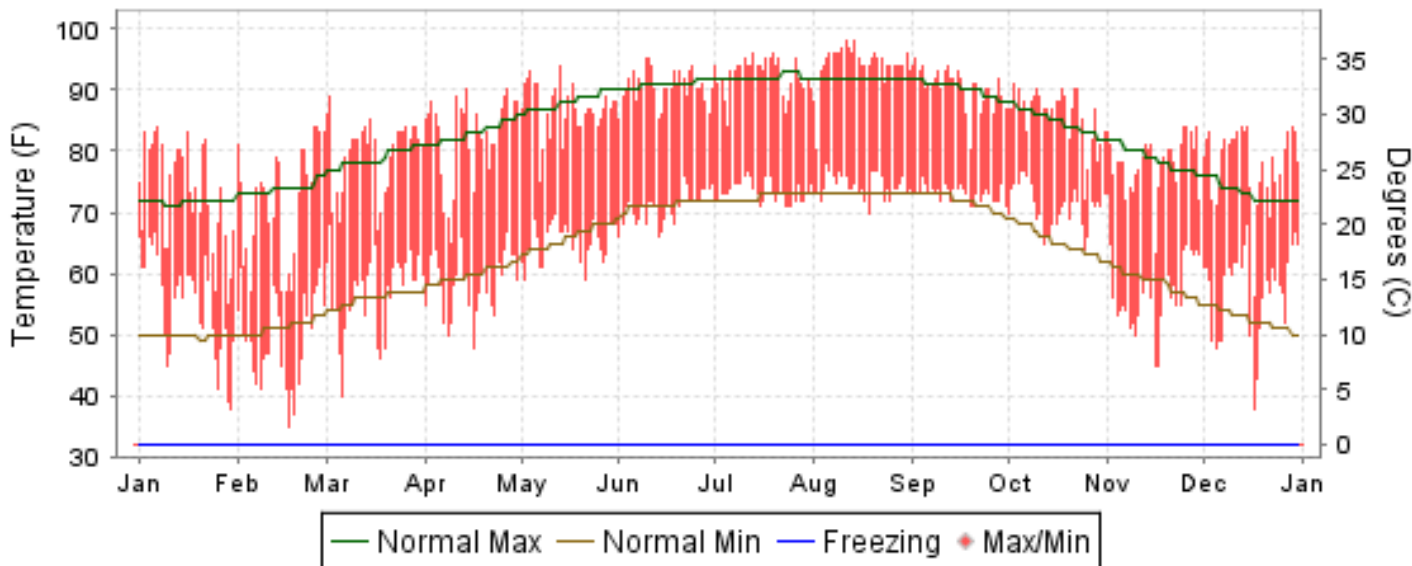


# 2007 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

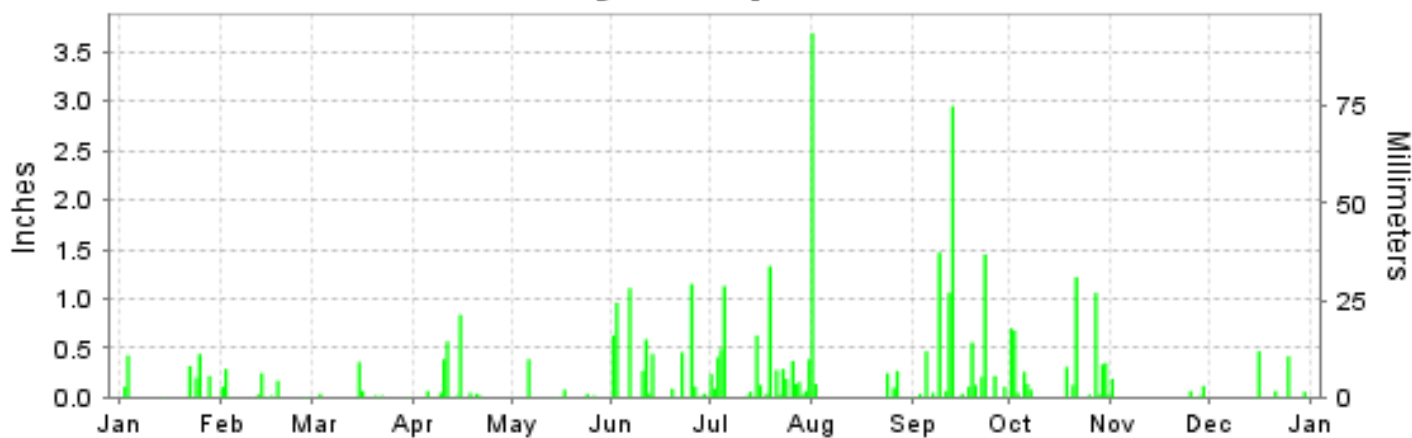
ISSN 0198-1277

## ORLANDO, FLORIDA (KMCO)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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ENVIRONMENTAL SATELLITE, DATA  
AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2007

## ORLANDO (KMCO)

LATITUDE: 28° 26'N      LONGITUDE: -81° 19'W      ELEVATION (FT): GRND: 90      BARO: 96      TIME ZONE: EASTERN (UTC -5)      WBAN: 12815

| ELEMENT                  |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |     |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|-----|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM          | 73.2  | 71.6  | 79.6  | 82.3  | 86.9  | 90.5  | 92.3  | 94.3  | 90.5  | 85.9  | 78.1  | 77.7   | 83.6      |     |
|                          | HIGHEST DAILY MAXIMUM       | 84    | 84    | 89    | 90    | 94    | 95    | 96    | 98    | 95    | 91    | 84    | 84     | 98        |     |
|                          | DATE OF OCCURRENCE          | 07    | 26+   | 02    | 27+   | 13    | 10+   | 19+   | 14+   | 02    | 03    | 29+   | 29+    | AUG 14+   |     |
|                          | MEAN DAILY MINIMUM          | 54.9  | 49.2  | 57.0  | 58.5  | 65.3  | 70.9  | 73.4  | 74.5  | 73.2  | 71.0  | 57.2  | 57.3   | 63.5      |     |
|                          | LOWEST DAILY MINIMUM        | 38    | 35    | 40    | 48    | 59    | 66    | 71    | 70    | 71    | 64    | 45    | 38     | 35        |     |
|                          | DATE OF OCCURRENCE          | 30    | 17    | 06    | 16    | 21+   | 13+   | 25+   | 18    | 30+   | 25    | 17+   | 17     | FEB 17    |     |
|                          | AVERAGE DRY BULB            | 64.1  | 60.4  | 68.3  | 70.4  | 76.1  | 80.7  | 82.9  | 84.4  | 81.9  | 78.5  | 67.7  | 67.5   | 73.6      |     |
|                          | MEAN WET BULB               | 56.9  | 53.1  | 58.7  | 60.1  | 65.1  | 71.0  | 76.3  | 76.7  | 75.1  | 73.0  | 61.9  | 62.5   | 65.9      |     |
|                          | MEAN DEW POINT              | 51.6  | 46.1  | 51.6  | 52.0  | 58.5  | 66.7  | 74.5  | 74.0  | 73.0  | 70.8  | 58.3  | 59.7   | 61.4      |     |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | MAXIMUM >= 90°              | 0     | 0     | 0     | 2     | 8     | 22    | 26    | 29    | 22    | 6     | 0     | 0      | 0         | 115 |
|                          | MAXIMUM <= 32°              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         | 0   |
|                          | MINIMUM <= 32°              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         | 0   |
|                          | MINIMUM <= 0°               | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         | 0   |
| H/C                      | HEATING DEGREE DAYS         | 108   | 160   | 37    | 19    | 0     | 0     | 0     | 0     | 0     | 0     | 24    | 45     | 393       |     |
|                          | COOLING DEGREE DAYS         | 86    | 37    | 149   | 188   | 353   | 480   | 565   | 609   | 511   | 426   | 109   | 128    | 3641      |     |
| RH                       | MEAN (PERCENT)              | 67    | 62    | 61    | 56    | 59    | 68    | 84    | 77    | 82    | 83    | 77    | 81     | 71        |     |
|                          | HOUR 01 LST                 | 78    | 76    | 78    | 75    | 75    | 82    | 97    | 94    | 94    | 93    | 91    | 92     | 85        |     |
|                          | HOUR 07 LST                 | 79    | 75    | 73    | 65    | 62    | 72    | 88    | 85    | 87    | 89    | 88    | 94     | 80        |     |
|                          | HOUR 13 LST                 | 49    | 42    | 38    | 35    | 36    | 49    | 63    | 53    | 61    | 65    | 54    | 58     | 50        |     |
|                          | HOUR 19 LST                 | 69    | 60    | 61    | 53    | 61    | 69    | 89    | 79    | 86    | 86    | 80    | 85     | 73        |     |
| S                        | PERCENT POSSIBLE SUNSHINE   |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| W/O                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | HEAVY FOG(VISBY <= 1/4 MI)  | 3     | 2     | 0     | 1     | 0     | 0     | 1     | 1     | 2     | 1     | 2     | 3      | 16        |     |
|                          | THUNDERSTORMS               | 1     | 3     | 1     | 2     | 2     | 8     | 24    | 6     | 17    | 2     | 0     | 0      | 66        |     |
| CLOUDNESS                | SUNRISE-SUNSET: (OKTAS)     |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | CEILOMETER (<= 12,000 FT.)  |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | SATELLITE (> 12,000 FT.)    |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | MIDNIGHT-MIDNIGHT: (OKTAS)  |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | CEILOMETER (<= 12,000 FT.)  |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| SATELLITE (> 12,000 FT.) |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| NUMBER OF DAYS WITH:     |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| CLEAR                    |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| PARTLY CLOUDY            |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| CLOUDY                   |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| PR                       | MEAN STATION PRESS. (IN.)   | 30.05 | 29.98 | 30.04 | 29.89 | 29.91 | 29.88 | 29.90 | 29.88 | 29.89 | 29.85 | 29.98 | 30.00  | 29.94     |     |
|                          | MEAN SEA-LEVEL PRESS. (IN.) | 30.16 | 30.09 | 30.15 | 30.00 | 30.02 | 29.99 | 30.02 | 30.00 | 30.00 | 29.96 | 30.10 | 30.11  | 30.05     |     |
| WINDS                    | RESULTANT SPEED (MPH)       | 1.9   | 2.4   | 4.5   | 1.3   | 6.5   | 1.3   | 1.7   | 2.0   | 3.6   | 5.6   | 4.1   | 1.6    | 2.1       |     |
|                          | RES. DIR. (TENS OF DEGS.)   | 03    | 31    | 06    | 31    | 06    | 13    | 20    | 11    | 06    | 05    | 01    | 03     | 05        |     |
|                          | MEAN SPEED (MPH)            | 8.0   | 8.4   | 9.1   | 8.8   | 9.9   | 7.0   | 4.8   | 5.5   | 6.8   | 8.0   | 7.1   | 6.3    | 7.5       |     |
|                          | PREVAIL.DIR.(TENS OF DEGS.) | 36    | 28    | 06    | 28    | 08    | 09    | 23    | 10    | 06    | 06    | 35    | 35     | 06        |     |
|                          | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | SPEED (MPH)                 | 26    | 29    | 32    | 31    | 35    | 43    | 49    | 32    | 40    | 32    | 30    | 28     | 49        |     |
|                          | DIR. (TENS OF DEGS.)        | 27    | 31    | 23    | 28    | 02    | 36    | 28    | 14    | 09    | 05    | 02    | 19     | 28        |     |
|                          | DATE OF OCCURRENCE          | 28    | 18    | 02    | 15    | 06    | 13    | 15    | 26    | 13    | 30    | 01    | 16     | JUL 15    |     |
|                          | MAXIMUM 5-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | SPEED (MPH)                 | 33    | 35    | 37    | 40    | 40    | 53    | 61    | 40    | 51    | 41    | 38    | 37     | 61        |     |
| DIR. (TENS OF DEGS.)     | 27                          | 30    | 23    | 27    | 01    | 36    | 27    | 15    | 11    | 05    | 01    | 18    | 27     |           |     |
| DATE OF OCCURRENCE       | 28                          | 18    | 02    | 15    | 06    | 13    | 15    | 26    | 13    | 31    | 01    | 16    | JUL 15 |           |     |
| PRECIPITATION            | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | TOTAL (IN.)                 | 1.73  | 0.91  | 0.52  | 2.05  | 0.54  | 5.91  | 6.52  | 4.47  | 8.96  | 5.41  | 0.42  | 1.05   | 38.49     |     |
|                          | GREATEST 24-HOUR (IN.)      | 0.64  | 0.40  | 0.43  | 0.86  | 0.39  | 1.58  | 1.62  | 3.83  | 2.95  | 1.38  | 0.20  | 0.48   | 3.83      |     |
|                          | DATE OF OCCURRENCE          | 24-25 | 01-02 | 15-16 | 14-15 | 06    | 01-02 | 04-05 | 01-02 | 13    | 01-02 | 01-02 | 15-16  | AUG 01-02 |     |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | PRECIPITATION 0.01          | 7     | 10    | 6     | 9     | 5     | 13    | 21    | 7     | 17    | 15    | 6     | 7      | 123       |     |
| PRECIPITATION 0.10       | 6                           | 4     | 1     | 3     | 1     | 9     | 14    | 5     | 11    | 10    | 2     | 2     | 68     |           |     |
| PRECIPITATION 1.00       | 0                           | 0     | 0     | 0     | 0     | 2     | 2     | 1     | 4     | 2     | 0     | 0     | 11     |           |     |
| SNOWFALL                 | SNOW,ICE PELLETS,HAIL       |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
|                          | TOTAL (IN.)                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T         |     |
|                          | GREATEST 24-HOUR (IN.)      | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T         |     |
|                          | DATE OF OCCURRENCE          |       |       |       |       |       |       | 26+   |       |       |       |       |        | JUL 26+   |     |
|                          | MAXIMUM SNOW DEPTH (IN.)    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         |     |
|                          | DATE OF OCCURRENCE          |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| NUMBER OF DAYS WITH:     |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |     |
| SNOWFALL >= 1.0          | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |     |

# NORMALS, MEANS, AND EXTREMES ORLANDO (KMCO)

LATITUDE:  
28 ° 26'N

LONGITUDE:  
-81 ° 19'W

ELEVATION (FT):  
GRND: 90 BARO: 96

TIME ZONE:  
EASTERN (UTC -5)

WBAN: 12815

|  | ELEMENT  | POR  | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC      | YEAR     |
|--|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F                           | NORMAL DAILY MAXIMUM                               | 30   | 71.8  | 73.9  | 78.8  | 83.0  | 88.2  | 91.0  | 92.2  | 92.0  | 90.3  | 85.0  | 78.9  | 73.3     | 83.2     |
|  | MEAN DAILY MAXIMUM                                 | 51   | 70.5  | 72.9  | 77.5  | 82.5  | 87.5  | 89.9  | 91.1  | 91.0  | 88.9  | 83.6  | 77.7  | 72.2     | 82.1     |
|  | HIGHEST DAILY MAXIMUM                              | 65   | 87    | 90    | 92    | 96    | 102   | 100   | 101   | 100   | 98    | 95    | 89    | 90       | 102      |
|  | YEAR OF OCCURRENCE                                 |      | 1991  | 1962  | 1994  | 1968  | 1945  | 1998  | 1998  | 1980  | 1988  | 1986  | 1992  | 1978     | MAY 1945 |
|  | MEAN OF EXTREME MAXS.                              | 55   | 82.7  | 84.3  | 87.6  | 90.5  | 93.9  | 95.2  | 95.6  | 95.1  | 93.5  | 90.6  | 85.8  | 83.0     | 89.8     |
|  | NORMAL DAILY MINIMUM                               | 30   | 49.9  | 51.3  | 55.9  | 59.9  | 65.9  | 71.3  | 72.6  | 73.0  | 71.9  | 65.5  | 58.7  | 52.6     | 62.4     |
|  | MEAN DAILY MINIMUM                                 | 51   | 49.0  | 51.3  | 55.8  | 60.4  | 66.3  | 71.5  | 73.3  | 73.7  | 72.5  | 65.9  | 57.9  | 51.7     | 62.4     |
|  | LOWEST DAILY MINIMUM                               | 65   | 19    | 26    | 25    | 38    | 48    | 53    | 64    | 64    | 56    | 43    | 29    | 20       | 19       |
|  | YEAR OF OCCURRENCE                                 |      | 1985  | 1996  | 1980  | 1987  | 1992  | 1984  | 1981  | 1957  | 1956  | 1957  | 1950  | 1983     | JAN 1985 |
|  | MEAN OF EXTREME MINS.                              | 55   | 32.0  | 35.8  | 40.5  | 48.6  | 57.9  | 66.3  | 69.7  | 70.1  | 67.2  | 53.0  | 42.9  | 34.9     | 51.6     |
|  | NORMAL DRY BULB                                    | 30   | 60.9  | 62.6  | 67.4  | 71.5  | 77.1  | 81.2  | 82.4  | 82.5  | 81.1  | 75.3  | 68.8  | 63.0     | 72.8     |
|  | MEAN DRY BULB                                      | 55   | 60.3  | 62.2  | 66.8  | 71.6  | 77.1  | 81.0  | 82.4  | 82.4  | 80.9  | 75.0  | 68.0  | 62.3     | 72.5     |
|  | MEAN WET BULB                                      | 24   | 55.1  | 56.7  | 59.7  | 62.9  | 68.6  | 73.5  | 75.2  | 75.5  | 74.2  | 68.7  | 62.8  | 57.4     | 65.9     |
|  | MEAN DEW POINT                                     | 24   | 51.7  | 53.0  | 55.9  | 59.0  | 65.4  | 71.4  | 73.2  | 73.7  | 72.3  | 66.3  | 60.1  | 54.2     | 63.0     |
|  | NORMAL NO. DAYS WITH:<br>MAXIMUM >= 90             | 30   | 0.0   | 0.0   | 0.5   | 3.2   | 11.9  | 19.8  | 25.3  | 25.4  | 19.0  | 3.6   | 0.0   | *        | 108.7    |
|  | MAXIMUM <= 32                                      | 30   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0      | 0.0      |
| MINIMUM <= 32                            | 30   | 1.5  | 0.5   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.6      |          |
| MINIMUM <= 0                             | 30   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0      |          |
| H/C                                      | NORMAL HEATING DEG. DAYS                           | 30   | 202   | 128   | 57    | 9     | 0     | 0     | 0     | 0     | 0     | 2     | 40    | 142      | 580      |
|  | NORMAL COOLING DEG. DAYS                           | 30   | 62    | 60    | 129   | 201   | 373   | 485   | 539   | 543   | 484   | 319   | 154   | 79       | 3428     |
| RH                                       | NORMAL (PERCENT)                                   | 30   | 75    | 72    | 71    | 69    | 72    | 77    | 79    | 80    | 80    | 77    | 77    | 77       | 76       |
|  | HOURLY 01 LST                                      | 30   | 86    | 85    | 85    | 85    | 87    | 90    | 91    | 92    | 92    | 89    | 89    | 88       | 88       |
|  | HOURLY 07 LST                                      | 30   | 89    | 89    | 90    | 88    | 89    | 91    | 92    | 93    | 93    | 91    | 91    | 90       | 91       |
|  | HOURLY 13 LST                                      | 30   | 57    | 53    | 51    | 48    | 50    | 58    | 59    | 60    | 61    | 57    | 57    | 59       | 56       |
|  | HOURLY 19 LST                                      | 30   | 70    | 64    | 62    | 60    | 64    | 64    | 73    | 76    | 78    | 79    | 76    | 75       | 71       |
| S  | PERCENT POSSIBLE SUNSHINE                          |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| W/O                                      | MEAN NO. DAYS WITH:<br>HEAVY FOG (VISIB <= 1/4 MI) | 40   | 3.2   | 2.6   | 1.6   | 1.0   | 1.0   | 0.7   | 0.4   | 0.6   | 0.8   | 1.0   | 1.8   | 3.1      | 17.8     |
|  | THUNDERSTORMS                                      | 51   | 1.0   | 1.7   | 3.0   | 3.1   | 6.9   | 14.7  | 18.1  | 17.7  | 9.8   | 2.4   | 1.0   | 0.9      | 80.3     |
| CLOUDNESS                                | MEAN:<br>SUNRISE-SUNSET (OKTAS)                    | 48   | 4.6   | 4.6   | 4.5   | 4.2   | 4.3   | 5.2   | 5.1   | 5.1   | 5.1   | 4.4   | 4.2   | 4.5      | 4.7      |
|  | MIDNIGHT-MIDNIGHT (OKTAS)                          | 22   | 4.4   | 4.3   | 4.2   | 3.6   | 4.1   | 4.9   | 4.6   | 4.6   | 4.5   | 3.9   | 4.1   | 4.3      | 4.3      |
|  | MEAN NO. DAYS WITH:<br>CLEAR                       | 48   | 8.9   | 8.6   | 9.1   | 10.0  | 8.7   | 4.1   | 3.3   | 3.2   | 3.7   | 9.4   | 10.1  | 9.6      | 88.7     |
|  | PARTLY CLOUDY                                      | 48   | 10.2  | 8.5   | 10.5  | 11.4  | 13.6  | 14.1  | 16.7  | 16.7  | 14.6  | 11.1  | 10.2  | 9.2      | 146.8    |
|  | CLOUDY   | 48   | 11.9  | 11.1  | 11.5  | 8.6   | 8.7   | 11.8  | 11.1  | 11.1  | 11.7  | 10.6  | 9.7   | 12.2     | 130.0    |
| PR                                       | MEAN STATION PRESSURE (IN)                         | 24   | 30.03 | 30.00 | 29.96 | 29.92 | 29.91 | 29.91 | 29.95 | 29.92 | 29.88 | 29.91 | 29.98 | 30.02    | 29.95    |
|  | MEAN SEA-LEVEL PRES. (IN)                          | 24   | 30.14 | 30.11 | 30.07 | 30.03 | 30.02 | 30.02 | 30.06 | 30.03 | 29.99 | 30.02 | 30.09 | 30.13    | 30.06    |
| WINDS                                    | MEAN SPEED (MPH)                                   | 24   | 8.4   | 8.7   | 9.3   | 8.8   | 8.3   | 7.3   | 6.6   | 6.4   | 7.2   | 7.9   | 8.2   | 7.8      | 7.9      |
|  | PREVAIL. DIR. (TENS OF DEGS)                       | 42   | 36    | 36    | 09    | 11    | 09    | 09    | 19    | 19    | 06    | 36    | 36    | 36       | 36       |
|  | MAXIMUM 2-MINUTE:<br>SPEED (MPH)                   | 11   | 31    | 38    | 36    | 40    | 51    | 43    | 49    | 79    | 61    | 41    | 33    | 35       | 79       |
|  | DIR. (TENS OF DEGS)                                |      | 27    | 18    | 23    | 28    | 35    | 36    | 28    | 12    | 06    | 01    | 27    | 20       | 12       |
|  | YEAR OF OCCURRENCE                                 |      | 2006  | 1998  | 2000  | 2006  | 1997  | 2007  | 2007  | 2004  | 2004  | 1999  | 2005  | 2002     | AUG 2004 |
|  | MAXIMUM 5-SECOND<br>SPEED (MPH)                    | 11   | 45    | 47    | 54    | 49    | 70    | 66    | 61    | 105   | 78    | 48    | 44    | 48       | 105      |
|  | DIR. (TENS OF DEGS)                                |      | 28    | 20    | 23    | 20    | 34    | 20    | 27    | 12    | 04    | 36    | 28    | 20       | 12       |
| YEAR OF OCCURRENCE                       |  | 2000 | 1998  | 1998  | 2000  | 1997  | 2005  | 2007  | 2004  | 2004  | 2005  | 2005  | 2002  | AUG 2004 |          |
| PRECIPITATION                            | NORMAL (IN)  | 30   | 2.43  | 2.35  | 3.54  | 2.42  | 3.74  | 7.35  | 7.15  | 6.25  | 5.76  | 2.73  | 2.32  | 2.31     | 48.35    |
|  | MAXIMUM MONTHLY (IN)                               | 65   | 7.23  | 8.74  | 11.38 | 9.10  | 10.36 | 18.28 | 19.57 | 16.11 | 15.87 | 14.51 | 10.29 | 12.63    | 19.57    |
|  | YEAR OF OCCURRENCE                                 |      | 1986  | 1998  | 1987  | 1992  | 1976  | 1968  | 1960  | 1972  | 1945  | 1950  | 1987  | 1997     | JUL 1960 |
|  | MINIMUM MONTHLY (IN)                               | 65   | 0.15  | 0.10  | 0.02  | 0.14  | 0.43  | 1.58  | 2.60  | 2.83  | 0.43  | 0.35  | 0.03  | T        | T        |
|  | YEAR OF OCCURRENCE                                 |      | 1950  | 1944  | 2006  | 1977  | 1961  | 1998  | 1992  | 2001  | 1972  | 1967  | 1967  | 1944     | DEC 1944 |
|  | MAXIMUM IN 24 HOURS (IN)                           | 65   | 4.19  | 4.38  | 5.03  | 5.65  | 3.18  | 8.40  | 8.19  | 5.29  | 9.67  | 7.74  | 5.87  | 3.61     | 9.67     |
|  | YEAR OF OCCURRENCE                                 |      | 1986  | 1970  | 1960  | 1992  | 1980  | 1945  | 1960  | 1949  | 1945  | 1950  | 1988  | 1969     | SEP 1945 |
|  | NORMAL NO. DAYS WITH:<br>PRECIPITATION >= 0.01     | 30   | 7.2   | 7.0   | 7.0   | 5.4   | 8.7   | 14.8  | 16.4  | 16.2  | 13.2  | 8.0   | 6.5   | 6.6      | 117.0    |
| PRECIPITATION >= 1.00                    | 30   | 0.6  | 0.5   | 1.1   | 0.7   | 1.3   | 2.4   | 2.2   | 2.0   | 1.8   | 0.8   | 0.8   | 0.6   | 14.8     |          |
| SNOWFALL                                 | NORMAL (IN)  | 30   | 0.*   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0      | 0.0      |
|  | MAXIMUM MONTHLY (IN)                               | 35   | T     | 0.0   | T     | T     | T     | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | 0.0      | T        |
|  | YEAR OF OCCURRENCE                                 |      | 1977  |       | 1992  | 1992  | 1997  |       | 2007  | 1989  |       |       |       |          | JUL 2007 |
|  | MAXIMUM IN 24 HOURS (IN)                           | 35   | T     | 0.0   | T     | T     | T     | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | 0.0      | T        |
|  | YEAR OF OCCURRENCE                                 |      | 1977  |       | 1992  | 1992  | 1997  |       | 1993  | 1989  |       |       |       |          | MAY 1997 |
|  | MAXIMUM SNOW DEPTH (IN)                            | 50   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0        | 0        |
| YEAR OF OCCURRENCE                       |  |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| NORMAL NO. DAYS WITH:<br>SNOWFALL >= 1.0 | 30   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0      |          |

**PRECIPITATION (inches) 2007 ORLANDO (KMCO)**

| YEAR           | JAN  | FEB  | MAR   | APR  | MAY  | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|----------------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1978           | 2.49 | 5.45 | 2.14  | 0.61 | 3.16 | 10.00 | 11.92 | 5.13  | 4.31  | 1.51  | 0.18  | 3.69  | 50.59  |
| 1979           | 6.48 | 1.45 | 3.24  | 1.08 | 7.66 | 4.00  | 7.95  | 5.88  | 9.19  | 0.43  | 1.93  | 0.94  | 50.23  |
| 1980           | 2.45 | 1.64 | 1.51  | 4.07 | 6.96 | 5.25  | 5.14  | 2.92  | 3.70  | 0.55  | 6.55  | 0.47  | 41.21  |
| 1981           | 0.21 | 4.36 | 1.85  | 0.18 | 2.02 | 12.49 | 3.53  | 5.60  | 8.26  | 3.13  | 2.50  | 2.97  | 47.10  |
| 1982           | 1.72 | 1.34 | 4.85  | 6.27 | 5.29 | 6.06  | 11.81 | 5.03  | 6.96  | 0.74  | 0.53  | 1.01  | 51.61  |
| 1983           | 2.08 | 8.32 | 5.37  | 3.21 | 1.77 | 7.82  | 6.49  | 4.83  | 5.16  | 3.78  | 1.36  | 5.33  | 55.52  |
| 1984           | 2.01 | 2.73 | 1.85  | 6.21 | 3.20 | 5.32  | 6.19  | 7.89  | 6.19  | 0.56  | 2.10  | 0.19  | 44.44  |
| 1985           | 0.91 | 1.27 | 4.59  | 1.69 | 3.00 | 4.54  | 7.28  | 11.63 | 5.45  | 2.55  | 0.82  | 3.46  | 47.19  |
| 1986           | 7.23 | 1.84 | 2.63  | 0.49 | 0.88 | 9.50  | 5.85  | 5.99  | 4.50  | 5.63  | 1.69  | 3.60  | 49.83  |
| 1987           | 1.27 | 1.74 | 11.38 | 0.59 | 1.40 | 3.54  | 7.95  | 6.07  | 8.64  | 3.41  | 10.29 | 0.51  | 56.79  |
| 1988           | 3.12 | 1.38 | 6.07  | 2.02 | 2.82 | 4.17  | 9.44  | 7.94  | 5.67  | 1.42  | 7.44  | 1.00  | 52.49  |
| 1989           | 3.80 | 0.15 | 1.35  | 2.28 | 2.38 | 6.79  | 4.74  | 6.20  | 10.29 | 1.75  | 1.44  | 4.49  | 45.66  |
| 1990           | 0.23 | 4.13 | 1.92  | 1.73 | 0.55 | 6.22  | 6.68  | 3.78  | 2.46  | 2.10  | 1.05  | 0.83  | 31.68  |
| 1991           | 2.37 | 0.98 | 6.66  | 7.72 | 9.48 | 5.98  | 10.78 | 7.13  | 4.53  | 4.76  | 0.27  | 0.24  | 60.90  |
| 1992           | 1.35 | 2.42 | 3.67  | 9.10 | 1.19 | 8.68  | 2.60  | 8.03  | 7.13  | 5.17  | 2.74  | 0.88  | 52.96  |
| 1993           | 4.89 | 1.48 | 6.26  | 1.78 | 2.32 | 4.47  | 6.49  | 5.95  | 5.35  | 4.61  | 0.17  | 0.76  | 44.53  |
| 1994           | 4.00 | 3.58 | 1.21  | 3.03 | 2.87 | 10.28 | 13.27 | 6.23  | 7.84  | 5.18  | 7.32  | 3.04  | 67.85  |
| 1995           | 1.50 | 1.13 | 2.12  | 0.81 | 4.24 | 8.23  | 5.10  | 9.48  | 3.59  | 4.35  | 1.74  | 0.76  | 43.05  |
| 1996           | 5.39 | 1.52 | 9.87  | 0.68 | 5.12 | 6.51  | 4.06  | 11.33 | 6.04  | 3.28  | .72   | 2.14  | 56.66  |
| 1997           | 1.13 | 2.44 | 3.46  | 4.02 | 3.17 | 8.20  | 11.51 | 7.99  | 2.59  | 4.22  | 3.15  | 12.63 | 64.51  |
| 1998           | 1.99 | 8.74 | 5.26  | 0.52 | 3.17 | 1.58  | 8.61  | 5.59  | 5.36  | 0.64  | 1.67  | 0.62  | 43.75  |
| 1999           | 2.99 | 0.36 | 0.56  | 2.40 | 5.43 | 13.84 | 5.14  | 4.50  | 6.40  | 8.40  | 2.13  | 2.65  | 54.80  |
| 2000           | 1.23 | 0.36 | 0.45  | 2.22 | 1.00 | 6.19  | 4.07  | 4.48  | 6.37  | 1.33  | 1.10  | 1.58  | 30.38  |
| 2001           | 0.66 | 0.22 | 3.72  | 2.09 | 5.84 | 7.65  | 18.27 | 2.83  | 10.47 | 1.01  | 1.68  | 0.48  | 54.92  |
| 2002           | 1.10 | 3.48 | 0.52  | 1.20 | 2.47 | 13.01 | 10.21 | 10.97 | 4.74  | 4.98  | 2.32  | 11.39 | 66.39  |
| 2003           | 0.80 | 1.58 | 5.28  | 4.32 | 2.43 | 6.56  | 8.26  | 11.90 | 5.75  | 1.82  | 2.42  | 1.56  | 52.68  |
| 2004           | 3.27 | 4.53 | 0.72  | 2.41 | 1.91 | 8.76  | 4.56  | 14.88 | 13.02 | 1.24  | 2.18  | 1.76  | 59.24  |
| 2005           | 3.33 | 1.29 | 6.38  | 1.43 | 4.57 | 17.39 | 3.95  | 7.66  | 1.67  | 10.20 | 0.60  | 2.04  | 60.51  |
| 2006           | 0.43 | 2.36 | 0.02  | 1.05 | 3.36 | 6.61  | 7.01  | 4.33  | 4.09  | 1.95  | 1.54  | 3.60  | 36.35  |
| 2007           | 1.73 | 0.91 | 0.52  | 2.05 | 0.54 | 5.91  | 6.52  | 4.47  | 8.96  | 5.41  | 0.42  | 1.05  | 38.49  |
| POR=<br>55 YRS | 2.22 | 2.70 | 3.44  | 2.28 | 3.32 | 7.48  | 7.37  | 6.63  | 5.93  | 3.19  | 1.98  | 2.26  | 48.80  |

WBAN : 12815

**AVERAGE TEMPERATURE (°F) 2007 ORLANDO (KMCO)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1978           | 56.8 | 55.8 | 66.3 | 73.4 | 79.3 | 82.9 | 82.6 | 82.6 | 81.7 | 75.0 | 72.3 | 66.8 | 73.0   |
| 1979           | 58.2 | 58.4 | 64.6 | 73.4 | 75.4 | 80.7 | 83.3 | 82.4 | 81.3 | 74.4 | 68.3 | 62.6 | 71.9   |
| 1980           | 60.5 | 57.2 | 68.2 | 70.4 | 76.4 | 80.1 | 83.6 | 83.6 | 81.7 | 75.4 | 67.1 | 59.0 | 71.9   |
| 1981           | 51.3 | 61.7 | 64.0 | 73.1 | 76.7 | 83.2 | 84.1 | 82.9 | 80.0 | 76.4 | 65.3 | 60.5 | 71.6   |
| 1982           | 60.0 | 68.4 | 70.4 | 72.6 | 75.3 | 82.0 | 82.6 | 82.2 | 80.2 | 74.1 | 70.8 | 66.7 | 73.8   |
| 1983           | 58.0 | 59.9 | 63.5 | 68.6 | 76.4 | 80.5 | 83.2 | 83.5 | 80.6 | 76.5 | 65.8 | 61.2 | 71.5   |
| 1984           | 57.8 | 61.2 | 64.7 | 69.2 | 75.6 | 78.4 | 80.7 | 81.5 | 78.9 | 75.4 | 65.8 | 66.0 | 71.3   |
| 1985           | 54.7 | 62.2 | 68.4 | 70.7 | 77.2 | 82.4 | 82.1 | 82.3 | 79.8 | 79.4 | 73.0 | 58.8 | 72.6   |
| 1986           | 59.8 | 64.3 | 65.4 | 69.3 | 76.7 | 81.7 | 82.3 | 83.3 | 81.7 | 77.5 | 75.8 | 67.3 | 73.8   |
| 1987           | 58.8 | 62.7 | 65.9 | 66.8 | 76.8 | 83.1 | 83.5 | 85.0 | 82.7 | 72.2 | 69.0 | 64.2 | 72.6   |
| 1988           | 58.5 | 60.4 | 65.5 | 72.0 | 75.5 | 80.3 | 80.7 | 82.8 | 83.9 | 73.7 | 70.5 | 62.4 | 72.2   |
| 1989           | 66.9 | 64.5 | 69.7 | 71.9 | 77.9 | 81.9 | 83.2 | 83.3 | 82.2 | 75.3 | 69.0 | 55.5 | 73.4   |
| 1990           | 65.8 | 69.1 | 69.3 | 71.5 | 79.4 | 81.9 | 82.8 | 83.5 | 82.0 | 77.1 | 69.3 | 66.3 | 74.8   |
| 1991           | 66.3 | 64.2 | 67.7 | 75.3 | 79.5 | 81.1 | 82.6 | 83.0 | 81.7 | 75.3 | 65.8 | 65.5 | 74.0   |
| 1992           | 59.7 | 64.8 | 66.4 | 69.9 | 74.9 | 81.2 | 84.5 | 82.3 | 81.6 | 73.4 | 70.4 | 63.5 | 72.7   |
| 1993           | 66.3 | 60.6 | 64.8 | 68.3 | 75.5 | 81.9 | 83.9 | 83.2 | 81.2 | 75.1 | 68.3 | 58.9 | 72.3   |
| 1994           | 60.9 | 66.4 | 68.2 | 74.1 | 77.4 | 81.3 | 81.5 | 81.0 | 79.2 | 76.1 | 71.9 | 64.9 | 73.6   |
| 1995           | 58.8 | 61.1 | 68.2 | 72.6 | 80.2 | 79.9 | 82.4 | 83.0 | 82.1 | 77.3 | 65.6 | 61.0 | 72.7   |
| 1996           | 59.1 | 61.3 | 62.9 | 71.6 | 80.2 | 81.8 | 82.9 | 81.6 | 80.6 | 73.8 | 67.5 | 62.3 | 72.1   |
| 1997           | 60.9 | 67.7 | 72.3 | 69.8 | 76.1 | 79.9 | 82.4 | 82.6 | 80.5 | 73.9 | 66.1 | 61.4 | 72.8   |
| 1998           | 62.4 | 61.7 | 63.8 | 71.3 | 77.7 | 85.0 | 84.0 | 83.5 | 80.9 | 77.4 | 71.2 | 67.3 | 73.9   |
| 1999           | 63.9 | 64.0 | 64.6 | 74.2 | 75.5 | 80.1 | 82.8 | 83.4 | 80.5 | 75.1 | 68.4 | 61.5 | 72.8   |
| 2000           | 60.6 | 62.6 | 69.9 | 70.4 | 77.9 | 81.3 | 82.6 | 82.3 | 81.4 | 72.9 | 65.7 | 59.8 | 72.3   |
| 2001           | 56.2 | 67.2 | 66.8 | 71.7 | 76.2 | 80.6 | 81.4 | 82.3 | 78.7 | 73.8 | 69.4 | 66.4 | 72.6   |
| 2002           | 61.4 | 61.6 | 69.5 | 74.5 | 78.1 | 79.6 | 81.7 | 81.3 | 82.2 | 78.2 | 65.7 | 59.8 | 72.8   |
| 2003           | 54.0 | 63.9 | 71.8 | 71.2 | 79.8 | 80.6 | 82.4 | 81.5 | 80.3 | 75.8 | 70.8 | 59.8 | 72.7   |
| 2004           | 59.5 | 62.6 | 67.5 | 69.2 | 77.2 | 82.7 | 82.8 | 82.7 | 81.4 | 75.9 | 70.1 | 61.0 | 72.7   |
| 2005           | 62.1 | 63.7 | 64.9 | 68.8 | 76.1 | 80.3 | 84.7 | 85.1 | 82.1 | 75.1 | 69.2 | 60.2 | 72.7   |
| 2006           | 63.2 | 60.9 | 67.4 | 74.5 | 77.0 | 81.2 | 82.7 | 83.2 | 81.1 | 74.2 | 66.0 | 67.6 | 73.3   |
| 2007           | 64.1 | 60.4 | 68.3 | 70.4 | 76.1 | 80.7 | 82.9 | 84.4 | 81.9 | 78.5 | 67.7 | 67.5 | 73.6   |
| POR=<br>55 YRS | 60.3 | 62.2 | 66.8 | 71.6 | 77.1 | 81.0 | 82.4 | 82.4 | 80.9 | 75.0 | 68.0 | 62.3 | 72.5   |

**HEATING DEGREE DAYS (base 65°F) 2007 ORLANDO (KMCO)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1978-79 | 0   | 0   | 0   | 0   | 0   | 56  | 230 | 214 | 71  | 0   | 0   | 0   | 571   |
| 1979-80 | 0   | 0   | 0   | 0   | 47  | 119 | 161 | 245 | 61  | 4   | 0   | 0   | 637   |
| 1980-81 | 0   | 0   | 0   | 1   | 67  | 190 | 416 | 119 | 76  | 1   | 0   | 0   | 870   |
| 1981-82 | 0   | 0   | 0   | 0   | 75  | 205 | 204 | 21  | 33  | 7   | 0   | 0   | 545   |
| 1982-83 | 0   | 0   | 0   | 14  | 16  | 94  | 233 | 148 | 105 | 13  | 0   | 0   | 623   |
| 1983-84 | 0   | 0   | 0   | 0   | 63  | 188 | 252 | 137 | 86  | 18  | 0   | 0   | 744   |
| 1984-85 | 0   | 0   | 0   | 0   | 68  | 71  | 340 | 146 | 22  | 12  | 0   | 0   | 659   |
| 1985-86 | 0   | 0   | 0   | 0   | 14  | 228 | 180 | 82  | 105 | 4   | 0   | 0   | 613   |
| 1986-87 | 0   | 0   | 0   | 0   | 0   | 42  | 216 | 97  | 48  | 66  | 0   | 0   | 469   |
| 1987-88 | 0   | 0   | 0   | 0   | 39  | 97  | 221 | 169 | 71  | 7   | 0   | 0   | 604   |
| 1988-89 | 0   | 0   | 0   | 0   | 11  | 135 | 32  | 119 | 59  | 4   | 0   | 0   | 360   |
| 1989-90 | 0   | 0   | 0   | 21  | 27  | 308 | 71  | 34  | 11  | 5   | 0   | 0   | 477   |
| 1990-91 | 0   | 0   | 0   | 6   | 14  | 69  | 75  | 88  | 52  | 0   | 0   | 0   | 304   |
| 1991-92 | 0   | 0   | 0   | 0   | 85  | 76  | 187 | 79  | 51  | 19  | 8   | 0   | 505   |
| 1992-93 | 0   | 0   | 0   | 0   | 47  | 102 | 73  | 131 | 80  | 12  | 0   | 0   | 445   |
| 1993-94 | 0   | 0   | 0   | 10  | 45  | 201 | 158 | 61  | 42  | 3   | 0   | 0   | 520   |
| 1994-95 | 0   | 0   | 0   | 0   | 6   | 88  | 205 | 153 | 24  | 5   | 0   | 0   | 481   |
| 1995-96 | 0   | 0   | 0   | 0   | 76  | 191 | 208 | 173 | 149 | 12  | 0   | 0   | 809   |
| 1996-97 | 0   | 0   | 0   | 6   | 38  | 122 | 164 | 43  | 0   | 7   | 0   | 0   | 380   |
| 1997-98 | 0   | 0   | 0   | 6   | 45  | 170 | 130 | 124 | 127 | 8   | 0   | 0   | 610   |
| 1998-99 | 0   | 0   | 0   | 0   | 7   | 64  | 109 | 92  | 61  | 12  | 5   | 0   | 350   |
| 1999-00 | 0   | 0   | 0   | 3   | 20  | 140 | 164 | 105 | 2   | 18  | 0   | 0   | 452   |
| 2000-01 | 0   | 0   | 0   | 4   | 70  | 217 | 300 | 49  | 55  | 11  | 0   | 0   | 706   |
| 2001-02 | 0   | 0   | 0   | 11  | 0   | 87  | 196 | 119 | 44  | 0   | 0   | 0   | 457   |
| 2002-03 | 0   | 0   | 0   | 0   | 77  | 178 | 337 | 89  | 14  | 19  | 0   | 0   | 714   |
| 2003-04 | 0   | 0   | 0   | 0   | 24  | 171 | 193 | 111 | 35  | 20  | 0   | 0   | 554   |
| 2004-05 | 0   | 0   | 0   | 0   | 6   | 166 | 136 | 78  | 101 | 14  | 0   | 0   | 501   |
| 2005-06 | 0   | 0   | 0   | 18  | 22  | 155 | 115 | 153 | 36  | 0   | 0   | 0   | 499   |
| 2006-07 | 0   | 0   | 0   | 9   | 72  | 48  | 108 | 160 | 37  | 19  | 0   | 0   | 453   |
| 2007-   | 0   | 0   | 0   | 0   | 24  | 45  |     |     |     |     |     |     |       |

WBAN : 12815

**COOLING DEGREE DAYS (base 65°F) 2007 ORLANDO (KMCO)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1978 | 26  | 3   | 116 | 259 | 449 | 541 | 550 | 553 | 508 | 321 | 225 | 115 | 3666  |
| 1979 | 26  | 31  | 65  | 260 | 330 | 479 | 575 | 546 | 498 | 299 | 153 | 53  | 3315  |
| 1980 | 27  | 25  | 169 | 172 | 362 | 459 | 586 | 582 | 508 | 331 | 138 | 12  | 3371  |
| 1981 | 0   | 34  | 52  | 253 | 372 | 552 | 602 | 559 | 458 | 359 | 89  | 73  | 3403  |
| 1982 | 56  | 123 | 211 | 241 | 325 | 518 | 550 | 542 | 465 | 303 | 196 | 152 | 3682  |
| 1983 | 22  | 11  | 68  | 129 | 361 | 473 | 573 | 582 | 476 | 362 | 95  | 77  | 3229  |
| 1984 | 37  | 35  | 84  | 151 | 332 | 411 | 490 | 520 | 426 | 331 | 99  | 107 | 3023  |
| 1985 | 27  | 74  | 137 | 191 | 386 | 531 | 539 | 548 | 451 | 454 | 262 | 45  | 3645  |
| 1986 | 25  | 69  | 124 | 139 | 372 | 506 | 543 | 573 | 507 | 392 | 333 | 121 | 3704  |
| 1987 | 32  | 38  | 82  | 127 | 376 | 549 | 582 | 627 | 540 | 230 | 163 | 78  | 3424  |
| 1988 | 26  | 43  | 95  | 223 | 336 | 466 | 496 | 559 | 573 | 275 | 182 | 61  | 3335  |
| 1989 | 101 | 111 | 213 | 216 | 408 | 509 | 573 | 579 | 523 | 346 | 153 | 19  | 3751  |
| 1990 | 102 | 156 | 156 | 206 | 453 | 514 | 559 | 581 | 518 | 388 | 149 | 116 | 3898  |
| 1991 | 121 | 71  | 143 | 315 | 455 | 490 | 553 | 565 | 508 | 326 | 118 | 98  | 3763  |
| 1992 | 28  | 79  | 101 | 175 | 325 | 496 | 612 | 540 | 507 | 265 | 217 | 62  | 3407  |
| 1993 | 120 | 14  | 80  | 118 | 334 | 514 | 591 | 573 | 492 | 331 | 146 | 18  | 3331  |
| 1994 | 39  | 107 | 149 | 284 | 393 | 495 | 517 | 501 | 436 | 352 | 218 | 89  | 3580  |
| 1995 | 19  | 52  | 132 | 241 | 476 | 455 | 546 | 567 | 518 | 391 | 103 | 74  | 3574  |
| 1996 | 33  | 72  | 93  | 217 | 477 | 512 | 561 | 524 | 478 | 283 | 124 | 46  | 3420  |
| 1997 | 46  | 125 | 234 | 155 | 353 | 452 | 546 | 552 | 475 | 290 | 82  | 69  | 3379  |
| 1998 | 55  | 38  | 96  | 206 | 402 | 605 | 599 | 579 | 485 | 390 | 201 | 139 | 3795  |
| 1999 | 82  | 69  | 54  | 297 | 336 | 460 | 560 | 578 | 471 | 321 | 130 | 38  | 3396  |
| 2000 | 35  | 42  | 159 | 188 | 410 | 496 | 553 | 542 | 499 | 257 | 97  | 63  | 3341  |
| 2001 | 32  | 117 | 117 | 217 | 352 | 474 | 515 | 542 | 419 | 289 | 140 | 134 | 3348  |
| 2002 | 93  | 30  | 192 | 291 | 414 | 445 | 525 | 515 | 523 | 414 | 105 | 25  | 3572  |
| 2003 | 1   | 63  | 232 | 214 | 469 | 475 | 546 | 519 | 466 | 342 | 206 | 17  | 3550  |
| 2004 | 27  | 48  | 115 | 151 | 388 | 538 | 558 | 555 | 502 | 346 | 169 | 50  | 3447  |
| 2005 | 55  | 47  | 105 | 133 | 351 | 463 | 619 | 629 | 523 | 336 | 153 | 10  | 3424  |
| 2006 | 66  | 45  | 118 | 291 | 381 | 490 | 554 | 568 | 488 | 301 | 107 | 136 | 3545  |
| 2007 | 86  | 37  | 149 | 188 | 353 | 480 | 565 | 609 | 511 | 426 | 109 | 128 | 3641  |

**SNOWFALL (inches) 2007 ORLANDO (KMCO)**

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1978-79        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1979-80        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1981-82        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1987-88        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1988-89        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1989-90        | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1991-92        | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | 0.0 | T     |
| 1992-93        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1993-94        | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1994-95        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1995-96        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1996-97        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | T     |
| 1997-98        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1998-99        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1999-00        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2000-01        | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 2001-02        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2002-03        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2003-04        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2004-05        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T     |
| 2005-06        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2006-07        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 2007-          | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| POR=<br>53 YRS | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | 0.0 | T     |

WBAN : 12815

**REFERENCE NOTES :**

|   |  |
|---|--|
| <p>PAGE 1:<br/>THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3:<br/>H/C INDICATES HEATING AND COOLING DEGREE DAYS.<br/>RH INDICATES RELATIVE HUMIDITY<br/>W/O INDICATES WEATHER AND OBSTRUCTIONS<br/>S INDICATES SUNSHINE.<br/>PR INDICATES PRESSURE.<br/>CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL:<br/>T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.<br/>+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.<br/>BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.<br/>NORMALS ARE 30-YEAR AVERAGES (1971 - 2000).<br/>ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.<br/>PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.<br/>POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.<br/>WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.<br/>0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.<br/>CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.<br/>THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p> | <p>GENERAL CONTINUED:<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.<br/>WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.<br/>WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.<br/>RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.<br/>AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.<br/>SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.<br/>A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.<br/>DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.<br/>DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.<br/>WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> <p><b>NOTE:</b><br/>The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> |
|---|--|

# 2007 ORLANDO FLORIDA (KMCO)

Orlando is located in the central section of the Florida peninsula, surrounded by many lakes. Relative humidities remain high the year-round, with values near 90 percent at night and 40 to 50 percent in the afternoon. On some winter days, the humidity may drop to 20 percent.

The rainy season extends from June through September, sometimes through October when tropical storms are near. During this period, scattered afternoon thunderstorms are an almost daily occurrence, and these bring a drop in temperature to make the climate bearable. Summer temperatures above 95 degrees are rather rare. There is usually a breeze which contributes to the general comfort.

During the winter months rainfall is light. While temperatures, on infrequent occasion, may drop at night to near freezing, they rise rapidly during the day and, in brilliant sunshine, afternoons are pleasant.

Frozen precipitation in the form of snowflakes, snow pellets, or sleet is rare. However, hail is occasionally reported during thunderstorms.

Hurricanes are usually not considered a great threat to Orlando, since, to reach this area, they must pass over a substantial stretch of land and, in so doing, lose much of their punch. Sustained hurricane winds of 75 mph or higher rarely occur. Orlando, being inland, is relatively safe from high water, although heavy rains sometimes briefly flood sections of the city.

# Station Location

ORLANDO

| LOCATION  | Occupied From | Occupied To | Airline Distances and Directions from previous Location | Latitude |         | Longitude |                         | ELEVATION ABOVE |                      |              |                 |                           |                                 |  | REMARKS |
|---|---------------|-------------|---|----------|---------|-----------|-------------------------|-----------------|----------------------|--------------|-----------------|---------------------------|---------------------------------|--|---------|
|   |               |             |   | NORTH    | WEST    | SEA LEVEL | GROUND                  |                 |                      |              |                 |                           | AUTOMATIC OBSERVING EQUIPMENT * |  |         |
|   |               |             |   |          |         |           | GROUND TEMPERATURE SITE | WIND INSTRUMENT | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET RAIN GAUGE |                                 | WEIGHING RAIN GAUGE  |         |
| *NOTE:  |               |             |   |          |         |           |                         |                 |                      |              |                 |                           |                                 |  |         |
| AIRPORT   |               |             |   |          |         |           |                         |                 |                      |              |                 |                           |                                 |  |         |
| Weather Service Office Orlando Jetport + at McCoy   | 1/31/74       | 9/19/84     | 8 mi. S   | 28° 26'  | 81° 19' | 96        | 12 j20                  | i5              | h5 n5                | k3 n3        | h3 n3           | 16 h3 n3                  | A10 m4                          | A. AN/TMQ-11 on field site.<br>h. Effective 5/7/74.<br>i. Effective 7/26/74.<br>j. Effective 5/20/74.<br>k. Added 3/18/76.<br>m. Hygrothermometer commissioned 3/25/76.<br>n. Relocated 7/22/77. |         |
| + International Airport eff. 11/26/76               |               |             |   |          |         |           |                         |                 |                      |              |                 |                           |                                 |  |         |
| Weather Service Bldg. Orlando International Airport | 9/19/84       | 07/01/96    | Unknown   | 28° 26'  | 81° 19' | 96        | 33                      |                 | 6                    | 5            | 5               | 5                         | 6 p6                            | Moved from 9501 Benford Road to 5390 Bear Road<br>p. Type change 5/30/85   |         |
| International Airport                               | 07/01/96      | Present     | NA  | 28° 26'  | 81° 20' | q95       |                         |                 |                      |              |                 |                           | S                               | ASOS Commissioned 07/01/96<br>q. Ground elevation.   |         |

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\* NOTES: For earlier station history see previous editions.