

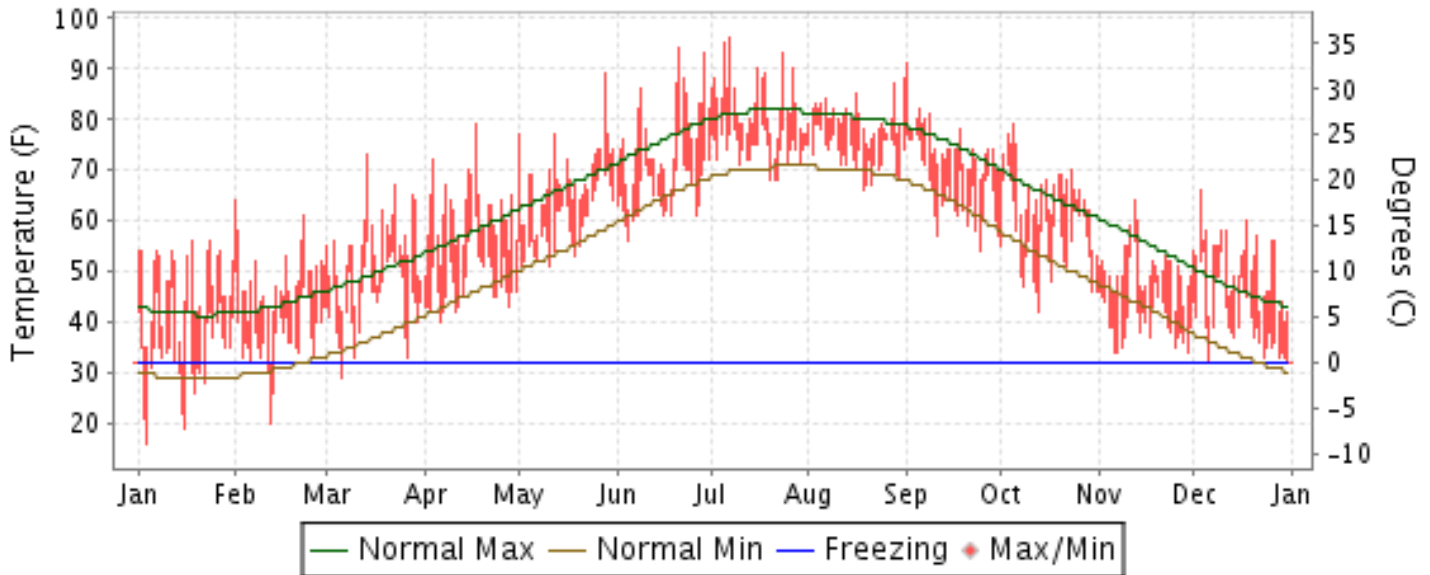


# 2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

ISSN 0275-1771

## ATLANTIC CITY C.O., STATE MARINA (ATLN)

### Daily Max/Min Temperature



### Daily Precipitation



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NATIONAL  
OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

NATIONAL  
ENVIRONMENTAL SATELLITE, DATA  
AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2012

## ATLANTIC CITY C.O. (ATLN)

LATITUDE: 39° 22'N      LONGITUDE: 74° 25'W      ELEVATION (FT): GRND: 10 BARO: 11      TIME ZONE: EASTERN (UTC -5)      WBAN: 13724

| ELEMENT                |                             | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT   | NOV  | DEC    | YEAR   |  |
|------------------------|-----------------------------|------|------|------|------|------|------|------|------|------|-------|------|--------|--------|--|
| TEMPERATURE °F         | MEAN DAILY MAXIMUM          | 47.0 | 48.1 | 54.6 | 61.2 | 68.5 | 76.4 | 83.2 | 80.2 | 74.7 | 65.6  | 50.5 | 51.1   | 63.4   |  |
|                        | HIGHEST DAILY MAXIMUM       | 56   | 64   | 73   | 79   | 89   | 94   | 96   | 88   | 91   | 79    | 64   | 66     | 96     |  |
|                        | DATE OF OCCURRENCE          | 24+  | 01   | 14   | 17   | 28   | 21   | 07   | 31   | 01   | 05    | 12   | 03     | JUL 07 |  |
|                        | MEAN DAILY MINIMUM          | 33.9 | 37.0 | 44.3 | 47.9 | 59.4 | 65.6 | 74.4 | 73.0 | 65.7 | 55.8  | 40.7 | 40.4   | 53.2   |  |
|                        | LOWEST DAILY MINIMUM        | 16   | 20   | 29   | 40   | 51   | 56   | 68   | 66   | 54   | 42    | 34   | 32     | 16     |  |
|                        | DATE OF OCCURRENCE          | 04   | 12   | 06   | 06   | 11+  | 05   | 22+  | 18   | 24   | 13    | 29+  | 31+    | JAN 04 |  |
|                        | AVERAGE DRY BULB            | 40.5 | 42.6 | 49.5 | 54.6 | 64.0 | 71.0 | 78.8 | 76.6 | 70.2 | 60.7  | 45.6 | 45.8   | 58.3   |  |
|                        | MEAN WET BULB               |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MEAN DEW POINT              |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | NUMBER OF DAYS WITH:        |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MAXIMUM >= 90°              | 0    | 0    | 0    | 0    | 0    | 2    | 5    | 0    | 1    | 0     | 0    | 0      | 8      |  |
| MAXIMUM <= 32°         | 1                           | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 2      |        |  |
| MINIMUM <= 32°         | 12                          | 4    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 2    | 19     |        |  |
| MINIMUM <= 0°          | 0                           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0      |        |  |
| H/C                    | HEATING DEGREE DAYS         | 754  | 644  | 473  | 312  | 83   | 11   | 0    | 0    | 6    | 156   | 576  | 593    | 3608   |  |
|                        | COOLING DEGREE DAYS         | 0    | 0    | 0    | 5    | 59   | 201  | 435  | 366  | 170  | 33    | 0    | 0      | 1269   |  |
| RH                     | MEAN (PERCENT)              |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | HOUR 01 LST                 |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | HOUR 07 LST                 |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | HOUR 13 LST                 |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | HOUR 19 LST                 |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| W/O                    | NUMBER OF DAYS WITH:        |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | HEAVY FOG(VISBY <= 1/4 MI)  |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | THUNDERSTORMS               |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| PR                     | MEAN STATION PRESS. (IN.)   |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MEAN SEA-LEVEL PRESS. (IN.) |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| WINDS                  | RESULTANT SPEED (MPH)       |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | RES. DIR. (TENS OF DEGS.)   |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MEAN SPEED (MPH)            |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | PREVAIL.DIR.(TENS OF DEGS.) |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MAXIMUM 2-MINUTE WIND       |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | SPEED (MPH)                 | 30   | 24   | 24   | 22   | 20   | 25   | 20   | 20   | 22   | 40    | 19   | 31     | 40     |  |
|                        | DIR. (TENS OF DEGS.)        | 29   | 29   | 23   | 04   | 22   | 29   | 23   | 23   | 20   | 04    | 04   | 09     | 04     |  |
| DATE OF OCCURRENCE     | 27                          | 25   | 08   | 22   | 13   | 30   | 26   | 05   | 18   | 29   | 07    | 26   | OCT 29 |        |  |
| MAXIMUM 3-SECOND WIND: |                             |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| SPEED (MPH)            | 50                          | 48   | 38   | 41   | 30   | 64   | 37   | 32   | 50   | 67   | 33    | 46   | 67     |        |  |
| DIR. (TENS OF DEGS.)   | 29                          | 29   | 32   | 29   | 23   | 29   | 36   | 22   | 20   | 04   | 04    | 11   | 04     |        |  |
| DATE OF OCCURRENCE     | 13                          | 25   | 26   | 09   | 29   | 30   | 28   | 10   | 18   | 29   | 07    | 26   | OCT 29 |        |  |
| PRECIPITATION          | WATER EQUIVALENT:           |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | TOTAL (IN.)                 | 1.82 | 2.10 | 2.40 | 2.52 | 2.57 | 6.69 | 1.99 | 4.87 | 2.86 | 13.56 | 1.60 | 7.01   | 49.99  |  |
|                        | GREATEST 24-HOUR (IN.)      | 0.56 | 0.72 | 1.21 | 1.82 | 0.72 | 1.49 | 0.94 | 1.72 | 0.99 | 7.16  | 1.01 | 2.35   | 7.16   |  |
|                        | DATE OF OCCURRENCE          | 12   | 24   | 03   | 22   | 09   | 12   | 20   | 11   | 05   | 29    | 07   | 26     | OCT 29 |  |
|                        | NUMBER OF DAYS WITH:        |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| PRECIPITATION 0.01     | 9                           | 8    | 9    | 10   | 12   | 12   | 7    | 6    | 12   | 11   | 4     | 13   | 113    |        |  |
| PRECIPITATION 0.10     | 5                           | 7    | 5    | 4    | 7    | 9    | 4    | 5    | 7    | 10   | 3     | 9    | 75     |        |  |
| PRECIPITATION 1.00     | 0                           | 0    | 1    | 1    | 0    | 3    | 0    | 2    | 0    | 4    | 1     | 2    | 14     |        |  |
| SNOWFALL               | SNOW,ICE PELLETS,HAIL       |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | TOTAL (IN.)                 |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | GREATEST 24-HOUR (IN.)      |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | DATE OF OCCURRENCE          |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
|                        | MAXIMUM SNOW DEPTH (IN.)    |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| DATE OF OCCURRENCE     |                             |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| NUMBER OF DAYS WITH:   |                             |      |      |      |      |      |      |      |      |      |       |      |        |        |  |
| SNOWFALL >= 1.0        |                             |      |      |      |      |      |      |      |      |      |       |      |        |        |  |

# NORMALS, MEANS, AND EXTREMES

## ATLANTIC CITY C.O. (ATLN)

LATITUDE: 39° 22'N      LONGITUDE: 74° 25'W      ELEVATION (FT): GRND: 10 BARO: 11      TIME ZONE: EASTERN (UTC -5)      WBAN: 13724

| ELEMENT                 |                                             | POR      | JAN        | FEB        | MAR        | APR        | MAY        | JUN        | JUL        | AUG        | SEP        | OCT        | NOV        | DEC        | YEAR       |
|-------------------------|---------------------------------------------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| TEMPERATURE °F          | NORMAL DAILY MAXIMUM                        | 30       | 41.8       | 43.5       | 49.6       | 57.6       | 66.6       | 75.7       | 81.3       | 80.2       | 74.8       | 65.0       | 55.8       | 46.3       | 61.5       |
|                         | MEAN DAILY MAXIMUM                          | 63       | 41.3       | 42.7       | 48.8       | 57.6       | 66.2       | 74.8       | 80.6       | 79.9       | 74.1       | 65.0       | 55.1       | 46.1       | 61.0       |
|                         | HIGHEST DAILY MAXIMUM                       | 52       | 72         | 72         | 82         | 91         | 94         | 97         | 101        | 102        | 92         | 90         | 78         | 74         | 102        |
|                         | YEAR OF OCCURRENCE                          |          | 2007       | 1976       | 1998       | 1960       | 1969       | 1991       | 1999       | 1983       | 1985       | 2002       | 1993       | 1998       | AUG 1983   |
|                         | MEAN OF EXTREME MAXS.                       | 63       | 58.3       | 59.0       | 66.4       | 76.5       | 83.1       | 89.5       | 92.6       | 90.9       | 85.9       | 78.5       | 69.3       | 61.0       | 75.9       |
|                         | NORMAL DAILY MINIMUM                        | 30       | 29.2       | 30.9       | 36.9       | 45.5       | 54.5       | 64.3       | 70.0       | 69.7       | 63.5       | 52.5       | 42.9       | 33.5       | 49.5       |
|                         | MEAN DAILY MINIMUM                          | 63       | 28.5       | 29.8       | 36.1       | 44.6       | 53.9       | 63.0       | 69.1       | 68.9       | 62.6       | 52.0       | 42.1       | 33.1       | 48.6       |
|                         | LOWEST DAILY MINIMUM                        | 52       | -3         | 1          | 2          | 22         | 34         | 45         | 53         | 50         | 42         | 27         | 8          | 4          | -3         |
|                         | YEAR OF OCCURRENCE                          |          | 1994       | 1961       | 1991       | 1982       | 2002       | 1972       | 1988       | 1986       | 1974       | 1974       | 2000       | 1983       | JAN 1994   |
|                         | MEAN OF EXTREME MINS.                       | 63       | 12.5       | 15.2       | 21.6       | 33.0       | 43.6       | 53.1       | 60.9       | 59.2       | 49.6       | 37.8       | 27.6       | 18.3       | 36.0       |
|                         | NORMAL DRY BULB                             | 30       | 35.5       | 37.2       | 43.3       | 51.6       | 60.6       | 70.0       | 75.6       | 75.0       | 69.1       | 58.7       | 49.4       | 39.9       | 55.5       |
|                         | MEAN DRY BULB                               | 63       | 34.3       | 36.2       | 42.5       | 51.1       | 60.0       | 69.1       | 74.9       | 74.4       | 68.3       | 58.5       | 48.6       | 39.6       | 54.8       |
|                         | MEAN WET BULB                               |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MEAN DEW POINT                              |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | NORMAL NO. DAYS WITH:                       |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| MAXIMUM >= 90           | 30                                          | 0.0      | 0.0        | 0.0        | 0.0        | 0.2        | 0.7        | 2.3        | 1.1        | 0.3        | 0.0        | 0.0        | 0.0        | 4.6        |            |
| MAXIMUM <= 32           | 30                                          | 4.5      | 1.9        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 1.6        | 8.3        |            |
| MINIMUM <= 32           | 30                                          | 18.0     | 15.2       | 7.3        | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 2.9        | 13.2       | 57.1       |            |
| 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       | 914        | 778        | 674        | 407        | 171        | 21         | 0          | 1          | 27         | 215        | 470        | 778        | 4456       |
|                         | NORMAL COOLING DEG. DAYS                    | 30       | 0          | 0          | 0          | 4          | 33         | 171        | 330        | 309        | 152        | 21         | 0          | 0          | 1020       |
| RH                      | NORMAL (PERCENT)                            | 30       |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | hour 01 LST                                 | 30       |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | hour 07 LST                                 | 30       |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | hour 13 LST                                 | 30       |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | hour 19 LST                                 | 30       |            |            |            |            |            |            |            |            |            |            |            |            |            |
| S                       | PERCENT POSSIBLE SUNSHINE                   |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| W/O                     | MEAN NO. DAYS WITH:                         |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | HEAVY FOG(VISBY <= 1/4 MI)<br>THUNDERSTORMS | 14<br>19 | 0.0<br>0.0 | 0.0<br>0.1 | 0.0<br>0.2 | 0.0<br>0.2 | 0.0<br>0.6 | 0.0<br>0.7 | 0.0<br>0.6 | 0.0<br>0.2 | 0.0<br>0.1 | 0.0<br>0.1 | 0.0<br>0.0 | 0.0<br>0.0 | 0.0<br>2.8 |
| CLOUDINESS              | MEAN:                                       |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | SUNRISE-SUNSET (OKTAS)                      |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MIDNIGHT-MIDNIGHT (OKTAS)                   |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MEAN NO. DAYS WITH:                         |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | CLEAR                                       |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | PARTLY CLOUDY                               |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | CLOUDY                                      |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| PR                      | MEAN STATION PRESSURE(IN)                   |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MEAN SEA-LEVEL PRES. (IN)                   |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| WINDS                   | MEAN SPEED (MPH)                            |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | PREVAIL.DIR(TENS OF DEGS)                   |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MAXIMUM 2-MINUTE:                           |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | SPEED (MPH)                                 | 21       | 43         | 43         | 63         | 37         | 37         | 30         | 44         | 34         | 39         | 44         | 38         | 45         | 63         |
|                         | DIR. (TENS OF DEGS)                         |          | 00         | 04         | 00         | 01         | 04         | 35         | 19         | 08         | 06         | 04         | 04         | 01         | 00         |
|                         | YEAR OF OCCURRENCE                          |          | 1996       | 1998       | 1984       | 1996       | 1998       | 2001       | 1996       | 2011       | 2009       | 1996       | 2009       | 1992       | MAR 1984   |
| MAXIMUM 3-SECOND        |                                             |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| SPEED (MPH)             | 25                                          | 60       | 60         | 87         | 63         | 70         | 64         | 52         | 67         | 78         | 77         | 64         | 67         | 87         |            |
| DIR. (TENS OF DEGS)     |                                             | 03       | 30         | 07         | 04         | 10         | 29         | 14         | 07         | 24         | 14         | 31         | 09         | 07         |            |
| YEAR OF OCCURRENCE      |                                             | 2006     | 1985       | 1984       | 1987       | 2008       | 2012       | 1984       | 1986       | 1985       | 1991       | 1995       | 1992       | MAR 1984   |            |
| PRECIPITATION           | NORMAL (IN)                                 | 30       | 3.08       | 2.87       | 4.02       | 3.39       | 3.22       | 2.68       | 3.31       | 3.92       | 3.08       | 3.47       | 3.35       | 3.62       | 40.01      |
|                         | MAXIMUM MONTHLY (IN)                        | 52       | 8.40       | 7.61       | 9.41       | 8.43       | 6.01       | 7.28       | 15.69      | 14.77      | 8.12       | 13.56      | 8.09       | 7.76       | 15.69      |
|                         | YEAR OF OCCURRENCE                          |          | 1987       | 2010       | 2010       | 2009       | 1984       | 1973       | 1959       | 1967       | 2009       | 2012       | 2006       | 2009       | JUL 1959   |
|                         | MINIMUM MONTHLY (IN)                        | 52       | 0.35       | 0.56       | 0.32       | 0.82       | 0.28       | 0.61       | 0.57       | 0.44       | 0.21       | 0.01       | 0.82       | 0.71       | 0.01       |
|                         | YEAR OF OCCURRENCE                          |          | 1981       | 2002       | 2006       | 1976       | 1986       | 1971       | 1981       | 2006       | 2005       | 2000       | 1965       | 1985       | OCT 2000   |
|                         | MAXIMUM IN 24 HOURS (IN)                    | 52       | 3.40       | 2.91       | 3.30       | 3.46       | 3.13       | 4.10       | 6.62       | 8.60       | 3.77       | 7.16       | 3.90       | 4.12       | 8.60       |
|                         | YEAR OF OCCURRENCE                          |          | 1962       | 1998       | 1993       | 2002       | 1978       | 1968       | 1969       | 1967       | 2000       | 2012       | 1977       | 2008       | AUG 1967   |
|                         | NORMAL NO. DAYS WITH:                       |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| PRECIPITATION >= 0.01   | 30                                          | 9.3      | 9.0        | 10.5       | 10.9       | 10.4       | 8.7        | 8.4        | 8.0        | 7.7        | 7.6        | 8.9        | 10.4       | 109.8      |            |
| PRECIPITATION >= 1.00   | 30                                          | 0.8      | 0.8        | 0.9        | 0.9        | 0.6        | 0.8        | 0.9        | 1.3        | 0.8        | 1.2        | 1.1        | 0.8        | 10.9       |            |
| SNOWFALL                | NORMAL (IN)                                 | 30       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.0        |
|                         | MAXIMUM MONTHLY (IN)                        |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | YEAR OF OCCURRENCE                          |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | MAXIMUM IN 24 HOURS (IN)                    |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
|                         | YEAR OF OCCURRENCE                          |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| MAXIMUM SNOW DEPTH (IN) | 55                                          | 11       | 7          | 7          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 11         |            |
| YEAR OF OCCURRENCE      |                                             | 1958     | 1958       | 1952       |            |            |            |            |            |            |            |            | 1957       | JAN 1958   |            |
| NORMAL NO. DAYS WITH:   |                                             |          |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 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) 2012 ATLANTIC CITY C.O. (ATLN)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG   | SEP  | OCT   | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|-------|------|-------|------|------|--------|
| 1982           | 2.81 | 2.03 | 2.48 | 3.98 | 2.24 | 2.88 | 4.14 | 2.08  | 1.16 | 1.11  | 4.05 | 3.04 | 32.00  |
| 1983           | 2.22 | 2.82 | 5.63 | 5.17 | 3.75 | 2.50 | 0.71 | 2.43  | 1.88 | 3.41  | 6.64 | 3.47 | 40.63  |
| 1984           | 2.38 | 4.32 | 6.50 | 4.46 | 6.01 | 1.44 | 4.24 | 1.03  | 2.08 | 1.53  | 2.28 | 1.53 | 37.80  |
| 1985           | 2.04 | 1.73 | 2.58 | 0.97 | 5.01 | 2.39 | 3.37 | 3.43  | 2.07 | 1.08  | 2.16 | 0.71 | 27.54  |
| 1986           | 2.46 | 2.83 | 1.46 | 2.79 | 0.28 |      |      | 6.11  | 1.88 | 3.55  | 4.19 | 5.01 |        |
| 1987           | 8.40 | 1.55 | 4.10 | 6.68 | 3.84 | 0.71 | 3.11 | 2.91  | 3.27 | 2.81  | 2.41 | 1.99 | 41.78  |
| 1988           | 3.07 | 3.74 | 2.00 | 2.37 | 3.28 | 1.55 | 2.95 | 3.73  | 2.22 |       |      |      |        |
| 1990           |      |      |      |      |      | 1.65 | 4.06 | 3.70  | 1.44 | 1.98  | 1.95 | 3.67 |        |
| 1991           | 5.81 | 1.36 | 4.90 | 5.41 | 0.34 | 0.81 | 2.59 | 4.86  | 2.86 | 2.70  | 1.38 | 4.29 | 37.31  |
| 1992           | 1.20 | 2.40 | 2.97 | 1.43 | 2.81 | 1.75 | 5.89 | 5.11  | 5.01 | 1.42  | 3.25 | 4.25 | 37.49  |
| 1993           | 2.75 | 2.39 | 8.20 | 1.96 | 2.24 | 1.17 | 1.89 | 4.53  | 1.24 | 3.81  | 1.29 | 5.21 | 36.68  |
| 1994           | 4.00 | 3.25 | 8.48 | 2.09 | 3.37 | 1.86 | 3.68 | 4.03  | 2.80 | 1.07  | 2.59 | 2.32 | 39.54  |
| 1995           | 2.79 | 2.30 | 0.96 | 2.54 | 4.49 | 2.86 | 2.07 | 2.40  | 3.87 | 5.09  | 4.55 | 2.14 | 36.06  |
| 1996           | 2.68 | 2.17 | 3.09 | 3.18 | 3.90 | 2.81 | 3.49 | 4.75  | 6.87 | 5.03  | 1.09 | 6.87 | 45.93  |
| 1997           | 2.40 | 3.36 | 3.88 | 3.13 | 3.21 | 1.73 | 8.38 | 6.01  | 1.06 | 3.45  | 3.74 | 4.77 | 45.12  |
| 1998           | 5.17 | 5.99 | 6.29 | 3.77 | 5.79 | 3.61 | 1.58 | 1.84  | 1.88 | 2.50  | 0.89 | 2.45 | 41.76  |
| 1999           | 6.40 | 2.91 | 3.93 | 2.90 | 0.71 | 2.09 | 1.20 | 5.24  | 5.81 | 3.90  | 0.92 | 2.34 | 38.35  |
| 2000           | 3.38 | 2.14 | 4.67 | 3.05 | 2.21 | 4.30 | 6.04 | 11.77 | 6.42 | 0.01  | 2.13 | 1.42 | 47.54  |
| 2001           | 2.68 | 2.31 | 4.04 | 1.42 | 0.78 | 4.59 | 2.52 | 2.88  | 1.27 | 0.99  | 0.85 | 1.26 | 25.59  |
| 2002           | 1.78 | 0.56 | 4.62 | 5.23 | 2.34 | 5.02 | 0.86 | 2.06  | 2.47 | 6.43  | 6.57 | 5.18 | 43.12  |
| 2003           | 2.32 | 3.76 | 3.18 | 2.54 | 1.99 | 5.98 | 4.27 | 2.46  | 2.33 | 5.99  | 4.94 | 4.73 | 44.49  |
| 2004           | 1.37 | 1.94 | 5.24 | 6.31 | 3.95 | 1.26 | 3.79 | 4.45  | 1.44 | 2.10  | 5.42 | 2.23 | 39.50  |
| 2005           | 3.39 | 2.32 | 3.92 | 2.78 | 4.44 | 2.59 | 4.32 | 1.72  | 0.21 | 9.60  | 3.61 | 4.90 | 43.80  |
| 2006           | 5.28 | 2.79 | 0.32 | 3.26 | 3.30 | 2.46 | 3.21 | 0.44  | 5.39 | 4.71  | 8.09 | 1.89 | 41.14  |
| 2007           | 2.54 | 2.79 | 3.96 | 3.39 | 1.02 | 4.42 | 2.60 | 5.66  | 1.85 | 5.70  | 1.99 | 6.94 | 42.86  |
| 2008           | 1.67 | 5.22 | 2.11 | 3.42 | 5.20 | 1.13 | 2.66 | 2.09  | 5.26 | 1.41  | 7.15 | 7.56 | 44.88  |
| 2009           | 2.66 | 0.58 | 2.63 | 8.43 | 3.22 | 5.33 | 3.98 | 7.64  | 8.12 | 7.43  | 6.74 | 7.76 | 64.52  |
| 2010           | 2.83 | 7.61 | 9.41 | 1.39 | 3.41 | 1.61 | 2.21 | 4.72  | 1.61 | 5.31  | 1.87 | 3.41 | 45.39  |
| 2011           | 3.11 | 2.75 | 3.94 | 4.34 | 1.97 | 1.45 | 3.87 | 9.44  | 6.07 | 2.40  | 2.34 | 2.86 | 44.54  |
| 2012           | 1.82 | 2.10 | 2.40 | 2.52 | 2.57 | 6.69 | 1.99 | 4.87  | 2.86 | 13.56 | 1.60 | 7.01 | 49.99  |
| POR=<br>63 YRS | 3.27 | 3.09 | 3.85 | 3.29 | 3.06 | 2.78 | 3.55 | 4.37  | 2.89 | 3.27  | 3.49 | 3.68 | 40.59  |

WBAN : 13724

**AVERAGE TEMPERATURE (°F) 2012 ATLANTIC CITY C.O. (ATLN)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1982           | 29.1 | 35.8 | 42.2 | 48.7 | 60.2 | 66.1 | 72.8 | 69.6 | 66.0 | 56.3 | 48.8 | 40.7 | 53.0   |
| 1983           | 34.7 | 39.0 | 46.0 | 51.3 | 59.0 | 67.5 | 76.0 | 74.6 | 68.7 | 57.6 | 48.3 | 35.4 | 54.8   |
| 1984           | 30.4 | 41.3 | 39.6 | 51.1 | 60.7 | 72.8 | 73.4 | 77.4 | 67.4 | 62.8 | 47.6 | 47.2 | 56.0   |
| 1985           | 30.6 | 36.9 | 46.4 | 54.1 | 62.0 | 68.4 | 75.0 | 74.4 | 70.4 | 61.7 | 54.4 | 36.4 | 55.9   |
| 1986           | 35.5 | 34.0 | 43.6 | 51.5 | 62.4 | 69.4 | 77.0 | 73.3 | 68.3 | 59.8 | 48.4 | 41.1 | 55.4   |
| 1987           | 35.1 | 34.8 | 44.1 | 49.8 | 62.7 | 70.4 | 76.3 | 74.5 | 69.0 | 54.4 | 49.4 | 40.6 | 55.1   |
| 1988           | 30.5 | 35.2 | 43.0 | 49.4 | 59.4 | 68.4 | 73.6 | 73.8 | 66.2 |      |      |      |        |
| 1990           |      |      |      |      |      | 69.9 | 75.0 | 75.4 | 67.9 | 62.2 | 50.1 | 44.0 |        |
| 1991           | 37.5 | 40.9 | 44.9 | 53.0 | 66.0 | 71.8 | 76.4 | 76.7 | 68.3 | 59.1 | 48.6 | 41.5 | 57.1   |
| 1992           | 36.9 | 37.9 | 41.0 | 48.7 | 56.8 | 66.7 | 74.9 | 72.6 | 67.8 | 55.7 | 48.7 | 40.3 | 54.0   |
| 1993           | 39.8 | 32.9 | 39.2 | 49.2 | 61.4 | 69.6 | 78.1 | 75.1 | 68.8 | 57.9 | 49.3 | 38.4 | 55.0   |
| 1994           | 29.5 | 34.3 | 41.8 | 54.5 | 58.5 | 70.6 | 75.5 | 71.0 | 67.4 | 57.6 | 53.2 | 43.7 | 54.8   |
| 1995           | 39.2 | 33.5 | 44.1 | 50.8 | 60.5 | 69.2 | 77.2 | 75.6 | 68.9 | 62.8 | 45.4 | 34.8 | 55.2   |
| 1996           | 33.6 | 35.5 | 38.3 | 50.3 | 58.9 | 70.9 | 73.3 | 73.6 | 70.3 | 58.5 | 43.6 | 43.4 | 54.2   |
| 1997           | 35.1 | 41.5 | 44.5 | 51.1 | 58.6 | 68.4 | 75.2 | 74.4 | 69.2 | 59.2 | 47.6 | 41.6 | 55.5   |
| 1998           | 43.1 | 43.0 | 44.7 | 53.3 | 62.5 | 70.5 | 76.8 | 76.6 | 72.2 | 59.6 | 50.3 | 44.1 | 58.1   |
| 1999           | 38.7 | 39.1 | 42.7 | 52.5 | 61.6 | 70.1 | 78.6 | 76.0 | 70.2 | 59.7 | 52.7 | 43.8 | 57.1   |
| 2000           | 34.7 | 39.8 | 47.2 | 51.4 | 62.6 | 70.9 | 73.1 | 74.4 | 68.3 | 59.5 | 46.9 | 33.7 | 55.2   |
| 2001           | 35.5 | 38.7 | 42.0 | 52.6 | 62.5 | 73.5 | 72.9 | 76.7 | 68.3 | 59.6 | 53.9 | 46.3 | 56.9   |
| 2002           | 42.2 | 41.6 | 45.7 | 55.3 | 61.7 | 71.2 | 77.3 | 76.7 | 71.6 | 60.3 | 48.6 | 38.8 | 57.6   |
| 2003           | 31.5 | 33.6 | 43.7 | 49.2 | 56.5 | 68.3 | 74.9 | 74.8 | 70.2 | 58.0 | 52.5 | 39.4 | 54.4   |
| 2004           | 29.2 | 37.0 | 43.6 | 50.6 | 63.9 | 70.0 | 75.4 | 73.8 | 70.6 | 58.1 | 50.2 | 40.3 | 55.2   |
| 2005           | 34.5 | 36.8 | 39.2 | 52.2 | 56.5 | 69.8 | 76.3 | 78.1 | 73.2 | 60.3 | 51.6 | 37.8 | 55.5   |
| 2006           | 42.9 | 37.9 | 43.3 | 54.1 | 61.6 | 69.6 | 76.8 | 76.7 | 67.9 | 58.2 | 53.4 | 46.2 | 57.4   |
| 2007           | 41.1 | 31.6 | 43.9 | 50.3 | 62.0 | 69.9 | 72.9 | 74.7 | 70.1 | 64.8 | 47.6 | 40.5 | 55.8   |
| 2008           | 37.4 | 39.0 | 43.7 | 51.5 | 58.9 | 73.5 | 75.5 | 74.3 | 70.1 | 57.9 | 47.5 | 42.0 | 55.9   |
| 2009           | 32.5 | 37.9 | 42.1 | 53.5 | 60.7 | 68.1 | 73.8 | 77.3 | 68.7 | 58.7 | 52.9 | 39.6 | 55.5   |
| 2010           | 34.7 | 34.7 | 47.7 | 55.8 | 63.2 | 73.1 | 78.4 | 76.1 | 71.5 | 59.8 | 49.2 | 33.8 | 56.5   |
| 2011           | 32.2 | 38.7 | 43.4 | 52.8 | 62.6 | 72.8 | 78.0 | 75.5 | 69.9 | 59.4 | 52.9 | 46.3 | 57.0   |
| 2012           | 40.5 | 42.6 | 49.5 | 54.6 | 64.0 | 71.0 | 78.8 | 76.6 | 70.2 | 60.7 | 45.6 | 45.8 | 58.3   |
| POR=<br>63 YRS | 34.3 | 36.2 | 42.5 | 51.1 | 60.0 | 69.1 | 74.9 | 74.4 | 68.3 | 58.5 | 48.6 | 39.6 | 54.8   |

**HEATING DEGREE DAYS (base 65°F) 2012 ATLANTIC CITY C.O. (ATLN)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN  | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| 1982-83 | 0   | 0   | 0   | 2   | 0   | 96  | 349  | 313 | 181 | 14  | 0   | 0   | 955   |
| 1983-84 | 0   | 0   | 0   | 0   | 12  | 246 | 269  | 393 | 135 | 36  | 0   | 0   | 1091  |
| 1984-85 | 0   | 0   | 2   | 12  | 34  | 124 | 315  | 298 | 188 | 35  | 0   | 0   | 1008  |
| 1985-86 | 0   | 0   | 0   | 0   | 70  | 154 | 378  | 274 | 126 | 47  | 0   | 0   | 1049  |
| 1986-87 | 0   | 0   | 0   | 0   |     | 173 | 357  | 299 | 142 | 0   | 0   | 0   |       |
| 1987-88 | 0   | 0   | 0   | 0   | 34  | 160 | 275  | 280 | 83  |     |     |     |       |
| 1989-90 |     |     |     |     |     | 166 | 318  | 330 | 136 | 74  | 1   | 0   |       |
| 1990-91 | 0   | 0   | 0   | 3   | 116 | 219 | 359  | 370 | 143 | 30  | 0   | 0   | 1240  |
| 1991-92 | 0   | 0   | 0   | 0   | 21  | 83  | 315  | 243 | 126 | 8   | 0   | 0   | 796   |
| 1992-93 | 0   | 0   | 0   | 0   | 30  | 164 | 415  | 319 | 155 | 2   | 4   | 0   | 1089  |
| 1993-94 | 0   | 0   | 0   | 3   | 12  | 176 | 331  | 197 | 94  | 0   | 0   | 0   | 813   |
| 1994-95 | 0   | 0   | 0   | 0   | 24  | 139 |      | 338 | 145 | 56  | 6   | 0   |       |
| 1995-96 | 0   | 0   | 0   | 0   | 43  | 192 | 263  | 275 |     | 6   | 0   | 0   |       |
| 1997-97 | 0   | 0   | 0   | 0   | 7   | 179 | 326  | 299 | 159 | 50  | 0   | 0   | 1020  |
| 1997-98 | 0   | 0   | 2   | 0   | 66  | 184 | 376  | 368 | 236 | 13  | 0   | 0   | 1245  |
| 1998-99 | 0   | 0   | 0   | 0   | 44  | 164 | 427  | 348 | 168 | 25  | 1   | 0   | 1177  |
| 1999-00 | 0   | 0   | 0   | 1   | 65  | 201 | 261  | 297 | 146 | 29  | 0   | 0   | 1000  |
| 2000-01 | 0   | 0   | 0   | 5   | 33  | 264 | 253  | 370 | 147 | 32  | 0   | 0   | 1104  |
| 2001-02 | 0   | 0   | 0   | 34  | 45  | 205 | 388  | 373 | 203 | 63  | 0   | 0   | 1311  |
| 2002-03 |     |     |     |     |     |     | 1031 | 870 | 650 | 465 | 259 | 41  |       |
| 2003-04 | 0   | 0   | 11  | 219 | 371 | 788 | 1104 | 808 | 656 | 425 | 91  | 14  | 4487  |
| 2004-05 | 0   | 0   | 8   | 213 | 436 | 763 | 937  | 780 | 799 | 383 | 256 | 26  | 4601  |
| 2005-06 | 0   | 0   | 6   | 169 | 397 | 837 | 678  | 753 | 665 | 325 | 130 | 11  | 3971  |
| 2006-07 | 0   | 0   | 16  | 219 | 342 | 573 | 736  | 930 | 645 | 440 | 134 | 7   | 4042  |
| 2007-08 | 0   | 0   | 15  | 78  | 512 | 751 | 848  | 747 | 651 | 399 | 192 | 1   | 4194  |
| 2008-09 | 0   | 0   | 8   | 234 | 517 | 704 | 998  | 753 | 704 | 360 | 149 | 21  | 4448  |
| 2009-10 | 0   | 0   | 9   | 197 | 358 | 781 | 933  | 843 | 529 | 276 | 106 | 0   | 4032  |
| 2010-11 | 0   | 0   | 4   | 168 | 467 | 960 | 1010 | 728 | 665 | 361 | 117 | 0   | 4480  |
| 2011-12 | 0   | 0   | 15  | 193 | 355 | 570 | 754  | 644 | 473 | 312 | 83  | 11  | 3410  |
| 2012-   | 0   | 0   | 6   | 156 | 576 | 593 |      |     |     |     |     |     |       |

WBAN : 13724

**COOLING DEGREE DAYS (base 65°F) 2012 ATLANTIC CITY C.O. (ATLN)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1982 | 0   | 0   | 0   | 0   | 13  | 77  | 247 | 160 | 70  | 20  | 3   | 0   | 590   |
| 1983 | 0   | 0   | 0   | 2   | 0   | 96  | 349 | 313 | 181 | 14  | 0   | 0   | 955   |
| 1984 | 0   | 0   | 0   | 0   | 12  | 246 | 269 | 393 | 135 | 36  | 0   | 0   | 1091  |
| 1985 | 0   | 0   | 2   | 12  | 34  | 124 | 315 | 298 | 188 | 35  | 0   | 0   | 1008  |
| 1986 | 0   | 0   | 0   | 0   | 70  | 154 | 378 | 274 | 126 | 47  | 0   | 0   | 1049  |
| 1987 |     |     |     |     |     | 173 | 357 | 299 | 142 | 0   | 0   | 0   |       |
| 1988 | 0   | 0   | 0   | 0   | 34  | 160 | 275 | 280 | 83  |     |     |     |       |
| 1990 |     |     |     |     |     | 166 | 318 | 330 | 136 | 74  | 1   | 0   |       |
| 1991 | 0   | 0   | 0   | 3   | 116 | 219 | 359 | 370 | 143 | 30  | 0   | 0   | 1240  |
| 1992 | 0   | 0   | 0   | 0   | 21  | 83  | 315 | 243 | 126 | 8   | 0   | 0   | 796   |
| 1993 | 0   | 0   | 0   | 0   | 30  | 164 | 415 | 319 | 155 | 2   | 4   | 0   | 1089  |
| 1994 | 0   | 0   | 0   | 3   | 12  | 176 | 331 | 197 | 94  | 0   | 0   | 0   | 813   |
| 1995 | 0   | 0   | 0   | 0   | 24  | 139 |     | 338 | 145 | 56  | 6   | 0   |       |
| 1996 | 0   | 0   | 0   | 0   | 43  | 192 | 263 | 275 |     | 6   | 0   | 0   |       |
| 1997 | -0  | 0   | 0   | 0   | 7   | 179 | 326 | 299 | 159 | 50  | 0   | 0   | 1020  |
| 1998 | 0   | 0   | 2   | 0   | 66  | 184 | 376 | 368 | 236 | 13  | 0   | 0   | 1245  |
| 1999 | 0   | 0   | 0   | 0   | 44  | 164 | 427 | 348 | 168 | 25  | 1   | 0   | 1177  |
| 2000 | 0   | 0   | 0   | 1   | 65  | 201 | 261 | 297 | 146 | 29  | 0   | 0   | 1000  |
| 2001 | 0   | 0   | 0   | 5   | 33  | 264 | 253 | 370 | 147 | 32  | 0   | 0   | 1104  |
| 2002 | 0   | 0   | 0   | 34  | 45  | 205 | 388 | 373 | 203 | 63  | 0   | 0   | 1311  |
| 2003 | 0   | 0   | 0   | 0   | 4   | 147 | 313 | 314 | 175 | 9   | 2   | 0   | 964   |
| 2004 | 0   | 0   | 0   | 0   | 64  | 171 | 330 | 279 | 183 | 8   | 0   | 0   | 1035  |
| 2005 | 0   | 0   | 0   | 3   | 3   | 177 | 356 | 415 | 258 | 30  | 0   | 0   | 1242  |
| 2006 | 0   | 0   | 0   | 5   | 29  | 154 | 374 | 366 | 109 | 16  | 0   | 0   | 1053  |
| 2007 | 0   | 0   | 0   | 8   | 46  | 164 | 251 | 308 | 174 | 90  | 0   | 0   | 1041  |
| 2008 | 0   | 0   | 0   | 2   | 8   | 263 | 332 | 295 | 165 | 23  | 0   | 0   | 1088  |
| 2009 | 0   | 0   | 0   | 23  | 21  | 119 | 279 | 388 | 124 | 8   | 0   | 0   | 962   |
| 2010 | 0   | 0   | 0   | 7   | 59  | 247 | 422 | 350 | 203 | 16  | 0   | 0   | 1304  |
| 2011 | 0   | 0   | 0   | 1   | 48  | 241 | 409 | 331 | 170 | 21  | 0   | 0   | 1221  |
| 2012 | 0   | 0   | 0   | 5   | 59  | 201 | 435 | 366 | 170 | 33  | 0   | 0   | 1269  |

**SNOWFALL (inches) 2012 ATLANTIC CITY C.O. (ATLN)**

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| POR= |     |     |     |     |     |     |     |     |     |     |     |     |       |

WBAN : 13724

**REFERENCE NOTES :**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <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/>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<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.</p> <p>GENERAL CONTINUED:<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</p> | <p>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.<br/>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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.<br/>STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:<br/><a href="http://www.ncdc.noaa.gov/homr/">http://www.ncdc.noaa.gov/homr/</a><br/>SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b></p> <p>The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> <p>The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.</p> <ol style="list-style-type: none"> <li>1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog.</li> <li>2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at:<br/><a href="http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt">http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt</a>.</li> </ol> |
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# 2012 ATLANTIC CITY STATE MARINA (ATLN)

The Atlantic City State Marina is located on Abescon Island on the southeast coast of New Jersey. Surrounding terrain, composed of tidal marshes and beach sand, is flat and lies slightly above sea level. The climate is principally continental in character. However, the moderating influence of the Atlantic Ocean is apparent throughout the year, being more marked in the city than at the airport. As a result, summers are relatively cooler and winters milder than elsewhere at the same latitude.

Land and sea breezes, local circulations resulting from the differential heating and cooling of the land and sea, often prevail. These winds occur when moderate or intense storms are not present in the area, thus enabling the local circulation to overcome the general wind pattern. During the warm season sea breezes in the late morning and afternoon hours prevent excessive heating. Frequently, the temperature at Atlantic City during the afternoon hours in the summer averages several degrees lower than at the airport and the airport averages several degrees lower than localities farther inland. On occasions, sea breezes have lowered the temperature as much as 15 to 20 degrees within a half hour. However, the

major effect of the sea breeze at the airport is preventing the temperature from rising above the 80s. Because the change in ocean temperature lags behind the air temperature from season to season, the weather tends to remain comparatively mild late into the fall, but on the other hand, warming is retarded in the spring. Normal ocean temperatures range from an average near 37 degrees in January to near 72 degrees in August.

Precipitation is moderate and well distributed throughout the year, with June the driest month and August the wettest. Tropical storms or hurricanes occasionally bring excessive rainfall to the area. The bulk of winter precipitation results from storms which move northeastward along or near the east coast of the United States. Snowfall is considerably less than elsewhere at the same latitude and does not remain long on the ground. Precipitation, often beginning as snow, will frequently become mixed with or change to rain while continuing as snow over more interior sections. In addition, ice storms and resultant glaze are relatively infrequent.

# Station History

ATLANTIC CITY C.O., NJ

| NAME                       | Begin Date | End Date   | Latitude | Longitude | Elevation Feet | Relocation | Platform                      |
|----------------------------|------------|------------|----------|-----------|----------------|------------|-------------------------------|
| ATLANTIC CITY STATE MARINA | 1972-12-31 | 1974-11-01 | 39° 22'  | -74° 25'  | 10             |            | COOP, USHCN                   |
| ATLANTIC CITY WBO          | 1896-09-01 | 1941-12-31 | 39° 22'  | -74° 25'  |                |            | USHCN, WXSVC                  |
| ATLANTIC CITY STATE MARINA | 1976-02-01 | 1988-10-01 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN          |
| ATLANTIC CITY MARINA       | 1990-06-01 | 1992-01-01 | 39° 22'  | -74° 25'  | 10             |            | AIRWAYS, COOP, UNKNOWN, USHCN |
| ATLANTIC CITY WBO          | 1943-06-30 | 1944-01-01 | 39° 22'  | -74° 25'  |                |            | USHCN                         |
| ATLANTIC CITY WBO          | 1944-01-01 | 1944-12-31 | 39° 22'  | -74° 25'  |                |            | USHCN, WXSVC                  |
| ATLANTIC CITY              | 2005-09-12 | 2013-04-02 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN          |
| ATLANTIC CITY STATE MARINA | 1974-11-01 | 1974-12-31 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN          |
| ATLANTIC CITY WBO          | 1894-12-31 | 1896-09-01 | 39° 22'  | -74° 25'  |                |            | USHCN                         |
| ATLANTIC CITY WBO          | 1945-07-01 | 1948-01-01 | 39° 22'  | -74° 25'  |                |            | USHCN, WXSVC                  |
| ATLANTIC CITY WBO          | 1948-01-01 | 1949-05-31 | 39° 22'  | -74° 25'  | 16             |            | COOP, USHCN, WXSVC            |
| ATLANTIC CITY WBO          | 1949-05-31 | 1950-01-01 | 39° 22'  | -74° 25'  | 16             |            | COOP, USHCN                   |
| ATLANTIC CITY WBO          | 1942-06-01 | 1943-06-30 | 39° 22'  | -74° 25'  |                |            | USHCN, WXSVC                  |
| ATLANTIC CITY WBO          | 1944-12-31 | 1945-07-01 | 39° 22'  | -74° 25'  |                |            | USHCN                         |
| ATLANTIC CITY WBO          | 1950-01-01 | 1958-07-21 | 39° 22'  | -74° 25'  | 16             |            | COOP, USHCN, WXSVC            |
| ATLANTIC CITY STATE MARINA | 1958-07-21 | 1958-12-01 | 39° 22'  | -74° 25'  | 10             | 1 MI NW    | COOP, USHCN, WXSVC            |
| ATLANTIC CITY STATE MARINA | 1958-12-31 | 1972-12-31 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN          |
| ATLANTIC CITY WBO          | 1873-12-10 | 1894-12-31 | 39° 22'  | -74° 25'  |                |            | USHCN, WXSVC                  |
| ATLANTIC CITY WBO          | 1941-12-31 | 1942-06-01 | 39° 22'  | -74° 25'  |                |            | USHCN                         |
| ATLANTIC CITY STATE MARINA | 1958-12-01 | 1958-12-31 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN, WXSVC   |
| ATLANTIC CITY MARINA       | 1992-01-01 | 2004-01-30 | 39° 22'  | -74° 25'  | 10             |            | COOP, UNKNOWN, USHCN          |
| ATLANTIC CITY STATE MARINA | 1974-12-31 | 1976-02-01 | 39° 22'  | -74° 25'  | 10             |            | COOP, USHCN                   |
| ATLANTIC CITY              | 2004-01-30 | 2005-09-12 | 39° 22'  | -74° 25'  | 10             | 200 FT E   | COOP, UNKNOWN, USHCN          |

# Element History

| Element | Begin Date | End Date   | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| WIND    | 2011-09-15 | 2013-04-02 | DAILY     | 2400                | WINDX       |                           |                    |
| PRECIP  | 2011-09-15 | 2013-04-02 | DAILY     | 2400                | PCPNX       |                           |                    |
| PRECIP  | 2005-09-12 | 2011-09-15 | DAILY     | 2400                | PCPN1       |                           |                    |
| PRECIP  | 1958-07-21 | 1988-10-01 | DAILY     | 1200                | PCPN1       |                           |                    |
| TEMP    | 1958-07-21 | 1988-10-01 | DAILY     | 1200                | MXMN        |                           |                    |
| TEMP    | 2005-09-12 | 2011-09-15 | DAILY     | 2400                | TEMPX       |                           |                    |
| TEMP    | 2011-09-15 | 2013-04-02 | DAILY     | 2400                | TEMPX       |                           |                    |
| PRECIP  | 1958-07-21 | 1979-01-22 | HOURLY    | 2400                |             |                           |                    |
| PRECIP  | 1990-06-01 | 1992-01-01 | DAILY     | 2400                |             |                           |                    |
| TEMP    | 1990-06-01 | 1992-01-01 | DAILY     | 2400                | TEMPX       |                           |                    |
| WIND    | 2005-09-12 | 2011-09-15 | DAILY     | 2400                | REMOTE      |                           |                    |
| TEMP    | 1992-01-01 | 2005-09-12 | DAILY     | 2400                | TEMPX       |                           |                    |
| PRECIP  | 1992-01-01 | 2005-09-12 | DAILY     | 2400                | SRG         |                           |                    |

\* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

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NOAA/National Climatic Data Center

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151 Patton Avenue

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Visit our Web Site for other weather data: [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)