

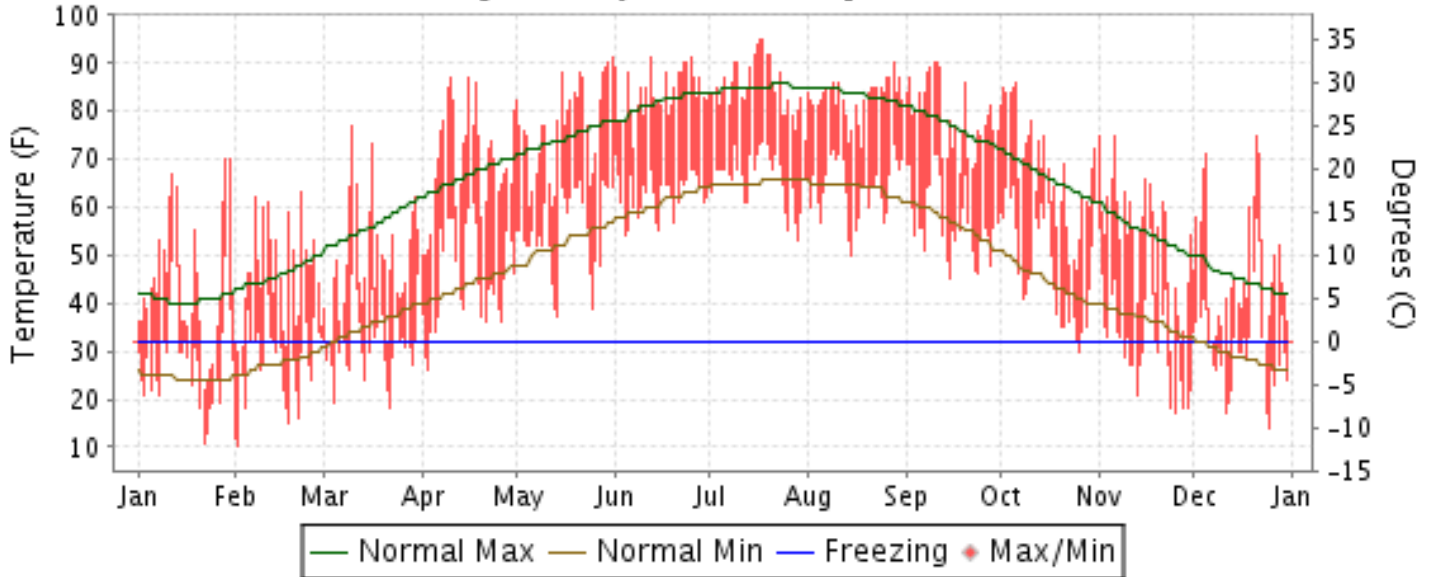


# 2013 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

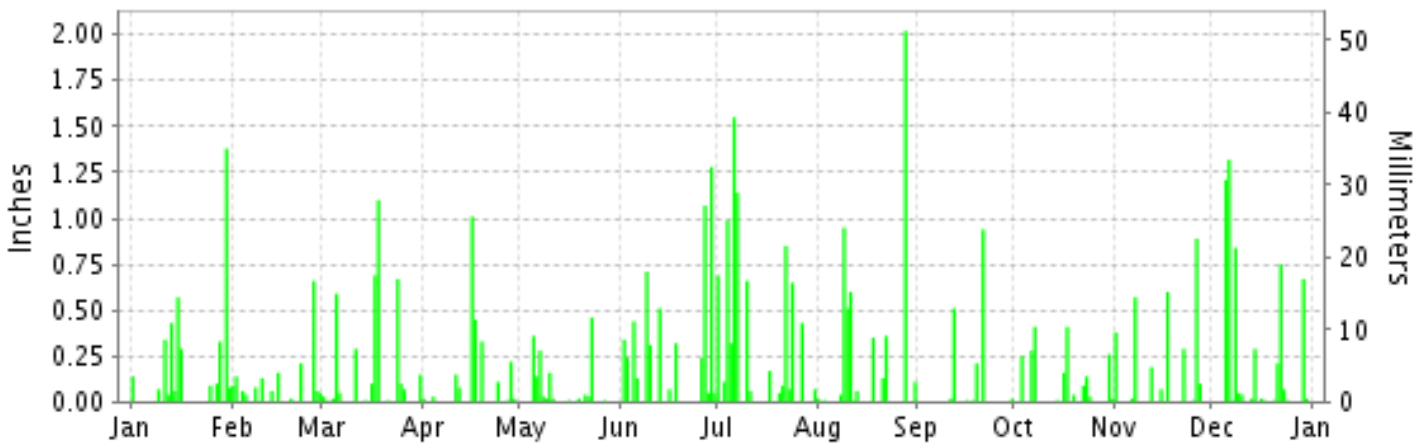
ISSN 0198-5647

## HUNTINGTON, WEST VIRGINIA (KHTS)

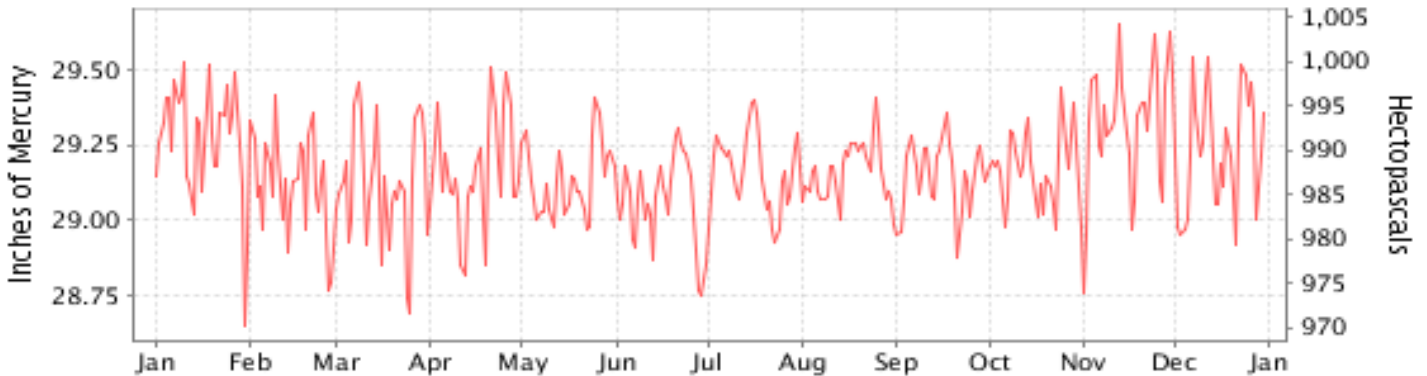
### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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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 2013

## HUNTINGTON (KHTS)

LATITUDE: 38° 21'N      LONGITUDE: 82° 33'W      ELEVATION (FT): GRND: 824 BARO: 825      TIME ZONE: EASTERN (UTC -5)      WBAN: 03860

| ELEMENT              |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |  |
|----------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|--|
| TEMPERATURE °F       | MEAN DAILY MAXIMUM          | 44.3  | 45.8  | 48.9  | 69.7  | 76.7  | 83.8  | 85.2  | 82.7  | 78.9  | 67.8  | 53.9  | 47.0   | 65.4      |  |
|                      | HIGHEST DAILY MAXIMUM       | 70    | 63    | 77    | 87    | 91    | 91    | 95    | 90    | 90    | 86    | 75    | 75     | 95        |  |
|                      | DATE OF OCCURRENCE          | 30+   | 22    | 10    | 16+   | 31    | 25+   | 18+   | 28    | 11+   | 06    | 06+   | 21     | JUL 18+   |  |
|                      | MEAN DAILY MINIMUM          | 28.4  | 27.4  | 31.5  | 45.4  | 55.2  | 62.9  | 66.1  | 64.0  | 57.2  | 47.8  | 32.5  | 31.1   | 45.8      |  |
|                      | LOWEST DAILY MINIMUM        | 11    | 10    | 18    | 26    | 37    | 54    | 53    | 50    | 45    | 30    | 17    | 14     | 10        |  |
|                      | DATE OF OCCURRENCE          | 22    | 02    | 22    | 03    | 14    | 04    | 29    | 15    | 15    | 26    | 25    | 25     | FEB 02    |  |
|                      | AVERAGE DRY BULB            | 36.3  | 36.6  | 40.2  | 57.6  | 66.0  | 73.3  | 75.6  | 73.4  | 68.1  | 57.8  | 43.2  | 39.1   | 55.6      |  |
|                      | MEAN WET BULB               | 33.6  | 32.1  | 34.8  | 49.2  | 58.7  | 66.8  | 69.4  | 67.8  | 62.3  | 53.1  | 37.8  | 34.5   | 50.0      |  |
|                      | MEAN DEW POINT              | 27.5  | 25.1  | 27.0  | 39.7  | 53.2  | 63.4  | 66.7  | 65.2  | 59.3  | 49.4  | 30.3  | 28.2   | 44.6      |  |
|                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | MAXIMUM >= 90°              | 0     | 0     | 0     | 0     | 2     | 4     | 8     | 1     | 2     | 0     | 0     | 0      | 17        |  |
|                      | MAXIMUM <= 32°              | 4     | 4     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 3      | 16        |  |
| MINIMUM <= 32°       | 25                          | 20    | 21    | 2     | 0     | 0     | 0     | 0     | 0     | 2     | 16    | 18    | 104    |           |  |
| MINIMUM <= 0°        | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |  |
| H/C                  | HEATING DEGREE DAYS         | 884   | 789   | 761   | 258   | 90    | 0     | 0     | 4     | 34    | 265   | 648   | 797    | 4530      |  |
|                      | COOLING DEGREE DAYS         | 0     | 0     | 0     | 42    | 127   | 257   | 337   | 268   | 133   | 49    | 1     | 2      | 1216      |  |
| RH                   | MEAN (PERCENT)              | 71    | 66    | 64    | 54    | 67    | 74    | 79    | 80    | 79    | 78    | 64    | 69     | 70        |  |
|                      | HOUR 01 LST                 | 76    | 68    | 69    | 67    | 79    | 88    | 92    | 92    | 92    | 90    | 74    | 75     | 80        |  |
|                      | HOUR 07 LST                 | 75    | 79    | 75    | 66    | 73    | 81    | 88    | 89    | 89    | 91    | 79    | 78     | 80        |  |
|                      | HOUR 13 LST                 | 62    | 56    | 53    | 41    | 51    | 57    | 60    | 61    | 59    | 60    | 50    | 61     | 56        |  |
|                      | HOUR 19 LST                 | 69    | 63    | 58    | 47    | 61    | 69    | 78    | 78    | 80    | 75    | 58    | 65     | 67        |  |
| W/O                  | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | HEAVY FOG(VISBY <= 1/4 MI)  | 4     | 1     | 1     | 4     | 4     | 2     | 10    | 15    | 14    | 12    | 1     | 3      | 71        |  |
|                      | THUNDERSTORMS               | 0     | 0     | 1     | 1     | 4     | 5     | 9     | 2     | 1     | 1     | 0     | 0      | 24        |  |
| PR                   | MEAN STATION PRESS. (IN.)   | 29.27 | 29.11 | 29.12 | 29.16 | 29.14 | 29.06 | 29.16 | 29.16 | 29.15 | 29.18 | 29.32 | 29.23  | 29.17     |  |
|                      | MEAN SEA-LEVEL PRESS. (IN.) | 30.19 | 30.03 | 30.03 | 30.06 | 30.03 | 29.93 | 30.04 | 30.04 | 30.03 | 30.07 | 30.23 | 30.14  | 30.07     |  |
| WINDS                | RESULTANT SPEED (MPH)       | 2.4   | 2.5   | 2.8   | 2.4   | 1.8   | 1.6   | 0.8   | 0.8   | 0.3   | 1.3   | 1.9   | 2.7    | 1.6       |  |
|                      | RES. DIR. (TENS OF DEGS.)   | 24    | 25    | 27    | 22    | 20    | 23    | 18    | 22    | 19    | 21    | 26    | 24     | 24        |  |
|                      | MEAN SPEED (MPH)            | 5.6   | 6.3   | 6.3   | 5.9   | 5.3   | 4.1   | 3.4   | 2.9   | 2.8   | 3.2   | 5.1   | 5.6    | 4.7       |  |
|                      | PREVAIL.DIR.(TENS OF DEGS.) | 20    | 26    | 26    | 21    | 20    | 20    | 20    | 21    | 21    | 20    | 20    | 19     | 20        |  |
|                      | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | SPEED (MPH)                 | 30    | 29    | 28    | 29    | 30    | 25    | 25    | 32    | 24    | 21    | 37    | 30     | 37        |  |
|                      | DIR. (TENS OF DEGS.)        | 27    | 25    | 25    | 26    | 22    | 26    | 25    | 25    | 32    | 20    | 26    | 17     | 26        |  |
|                      | DATE OF OCCURRENCE          | 30    | 11    | 19    | 11    | 10    | 26    | 06    | 28    | 12    | 31    | 01    | 22     | NOV 01    |  |
|                      | MAXIMUM 3-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | SPEED (MPH)                 | 46    | 41    | 52    | 45    | 44    | 40    | 41    | 40    | 35    | 32    | 62    | 43     | 62        |  |
| DIR. (TENS OF DEGS.) | 28                          | 23    | 23    | 26    | 22    | 27    | 36    | 24    | 34    | 20    | 26    | 16    | 26     |           |  |
| DATE OF OCCURRENCE   | 30                          | 11    | 19    | 11    | 10    | 26    | 10    | 28    | 12    | 31    | 01    | 22    | NOV 01 |           |  |
| PRECIPITATION        | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | TOTAL (IN.)                 | 3.92  | 1.76  | 3.89  | 2.43  | 1.58  | 5.76  | 7.90  | 5.17  | 1.72  | 2.10  | 3.12  | 5.55   | 44.90     |  |
|                      | GREATEST 24-HOUR (IN.)      | 1.39  | 0.68  | 1.46  | 1.46  | 0.46  | 1.31  | 2.61  | 2.02  | 0.94  | 0.69  | 0.96  | 2.01   | 2.61      |  |
|                      | DATE OF OCCURRENCE          | 30-31 | 26-27 | 17-18 | 16-17 | 23    | 26-27 | 06-07 | 28    | 21    | 06-07 | 26-27 | 05-06  | JUL 06-07 |  |
|                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
| PRECIPITATION 0.01   | 13                          | 13    | 15    | 11    | 13    | 14    | 16    | 13    | 7     | 12    | 10    | 17    | 154    |           |  |
| PRECIPITATION 0.10   | 8                           | 5     | 8     | 6     | 5     | 11    | 11    | 8     | 3     | 7     | 7     | 7     | 86     |           |  |
| PRECIPITATION 1.00   | 1                           | 0     | 1     | 1     | 0     | 2     | 2     | 1     | 0     | 0     | 0     | 2     | 10     |           |  |
| SNOWFALL             | SNOW,ICE PELLETS,HAIL       |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
|                      | TOTAL (IN.)                 | 2.9   | 5.5   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.7   | 4.2    | 15.8      |  |
|                      | GREATEST 24-HOUR (IN.)      | 2.0   | 2.8   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.7   | 3.5    | 3.5       |  |
|                      | DATE OF OCCURRENCE          | 31    | 01    | 21    |       |       |       |       |       |       |       | 27    | 08     | DEC 08    |  |
|                      | MAXIMUM SNOW DEPTH (IN.)    | T     | 4     | T     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 1      | 4         |  |
|                      | DATE OF OCCURRENCE          | 26+   | 03    | 25+   |       |       |       |       |       |       |       | 27    | 10+    | FEB 03    |  |
| NUMBER OF DAYS WITH: |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |  |
| SNOWFALL >= 1.0      | 1                           | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     | 1     | 6      |           |  |

# NORMALS, MEANS, AND EXTREMES HUNTINGTON (KHTS)

LATITUDE:  
38° 21'N

LONGITUDE:  
82° 33'W

ELEVATION (FT):  
GRND: 824 BARO: 825

TIME ZONE:  
EASTERN (UTC -5)

WBAN: 03860

|                       | ELEMENT   | POR  | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC      | YEAR     |
|-----------------------|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F        | NORMAL DAILY MAXIMUM                              | 30   | 42.2  | 46.5  | 56.6  | 67.9  | 75.3  | 82.8  | 86.0  | 85.5  | 78.8  | 68.1  | 56.8  | 45.4     | 66.0     |
|                       | MEAN DAILY MAXIMUM                                | 53   | 41.3  | 45.4  | 56.5  | 67.5  | 75.4  | 82.5  | 85.6  | 84.7  | 78.3  | 67.5  | 56.1  | 45.5     | 65.5     |
|                       | HIGHEST DAILY MAXIMUM                             | 53   | 78    | 79    | 87    | 92    | 93    | 103   | 104   | 103   | 98    | 93    | 83    | 80       | 104      |
|                       | YEAR OF OCCURRENCE                                |      | 2002  | 1977  | 2012  | 1985  | 1991  | 2012  | 2012  | 2007  | 2011  | 2007  | 2004  | 1982     | JUL 2012 |
|                       | MEAN OF EXTREME MAXS.                             | 53   | 65.3  | 68.7  | 79.2  | 85.4  | 88.4  | 91.9  | 94.0  | 93.4  | 90.1  | 82.8  | 75.9  | 67.2     | 81.9     |
|                       | NORMAL DAILY MINIMUM                              | 30   | 25.3  | 28.0  | 35.3  | 44.5  | 52.7  | 61.4  | 65.4  | 64.2  | 56.4  | 45.1  | 36.8  | 28.6     | 45.3     |
|                       | MEAN DAILY MINIMUM                                | 53   | 24.6  | 27.1  | 35.6  | 44.4  | 52.8  | 60.9  | 65.4  | 64.1  | 56.9  | 45.1  | 36.7  | 28.9     | 45.2     |
|                       | LOWEST DAILY MINIMUM                              | 53   | -21   | -9    | -2    | 20    | 27    | 40    | 46    | 43    | 31    | 16    | 8     | -13      | -21      |
|                       | YEAR OF OCCURRENCE                                |      | 1994  | 1996  | 1980  | 1985  | 1966  | 1977  | 1968  | 1986  | 1983  | 1962  | 1964  | 1989     | JAN 1994 |
|                       | MEAN OF EXTREME MINS.                             | 53   | 2.8   | 7.5   | 17.6  | 27.5  | 36.2  | 47.7  | 54.1  | 53.1  | 41.3  | 28.8  | 20.2  | 9.8      | 28.9     |
|                       | NORMAL DRY BULB                                   | 30   | 33.7  | 37.2  | 45.9  | 56.2  | 64.0  | 72.1  | 75.7  | 74.8  | 67.6  | 56.6  | 46.8  | 37.0     | 55.6     |
|                       | MEAN DRY BULB                                     | 53   | 33.0  | 36.3  | 46.0  | 56.0  | 64.1  | 71.8  | 75.5  | 74.4  | 67.6  | 56.3  | 46.4  | 37.2     | 55.4     |
|                       | MEAN WET BULB                                     | 30   | 29.4  | 32.7  | 38.3  | 46.7  | 56.9  | 64.8  | 68.5  | 67.2  | 60.6  | 49.5  | 40.0  | 32.5     | 48.9     |
|                       | MEAN DEW POINT                                    | 30   | 26.7  | 28.4  | 34.6  | 43.1  | 54.7  | 63.2  | 67.0  | 65.8  | 59.0  | 47.3  | 37.2  | 29.7     | 46.4     |
|                       | NORMAL NO. DAYS WITH:<br>MAXIMUM >= 90            | 30   | 0.0   | 0.0   | 0.0   | 0.2   | 0.4   | 3.4   | 7.9   | 7.6   | 2.0   | 0.1   | 0.0   | 0.0      | 21.6     |
|                       | MAXIMUM <= 32                                     | 30   | 6.6   | 3.6   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 3.9      | 14.8     |
|                       | MINIMUM <= 32                                     | 30   | 22.2  | 19.0  | 12.4  | 2.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.4   | 10.4  | 19.9     | 89.0     |
| MINIMUM <= 0          | 30  | 0.5  | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.9      |          |
| H/C                   | NORMAL HEATING DEG. DAYS                          | 30   | 969   | 777   | 596   | 291   | 112   | 12    | 0     | 2     | 56    | 281   | 548   | 868      | 4512     |
|                       | NORMAL COOLING DEG. DAYS                          | 30   | 0     | 0     | 5     | 27    | 81    | 225   | 332   | 307   | 134   | 21    | 2     | 1        | 1135     |
| RH                    | NORMAL (PERCENT)                                  | 30   | 71    | 67    | 62    | 59    | 69    | 74    | 76    | 77    | 77    | 72    | 68    | 70       | 70       |
|                       | HOURLY 01 LST                                     | 30   | 74    | 71    | 67    | 66    | 80    | 86    | 89    | 90    | 89    | 83    | 73    | 74       | 79       |
|                       | HOURLY 07 LST                                     | 30   | 78    | 77    | 75    | 76    | 85    | 88    | 90    | 92    | 92    | 88    | 79    | 78       | 83       |
|                       | HOURLY 13 LST                                     | 30   | 66    | 61    | 54    | 48    | 54    | 58    | 60    | 60    | 60    | 55    | 58    | 64       | 58       |
|                       | HOURLY 19 LST                                     | 30   | 65    | 59    | 52    | 48    | 57    | 63    | 66    | 67    | 69    | 62    | 61    | 65       | 61       |
| S                     | PERCENT POSSIBLE SUNSHINE                         |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| W/O                   | MEAN NO. DAYS WITH:<br>HEAVY FOG(VISBY <= 1/4 MI) | 50   | 2.5   | 2.5   | 1.9   | 1.6   | 4.9   | 6.0   | 9.0   | 10.5  | 9.7   | 5.6   | 2.8   | 2.5      | 59.5     |
|                       | THUNDERSTORMS                                     | 52   | 0.4   | 0.8   | 2.6   | 3.9   | 6.1   | 7.3   | 8.3   | 6.4   | 2.4   | 1.1   | 0.8   | 0.3      | 40.4     |
| CLOUDINESS            | MEAN:<br>SUNRISE-SUNSET (OKTAS)                   | 35   | 6.2   | 6.2   | 5.9   | 5.6   | 5.5   | 5.4   | 5.4   | 5.2   | 5.0   | 4.7   | 5.8   | 6.1      | 5.6      |
|                       | MIDNIGHT-MIDNIGHT (OKTAS)                         | 32   | 6.0   | 5.8   | 5.6   | 5.3   | 5.2   | 5.0   | 5.0   | 4.9   | 4.6   | 4.4   | 5.3   | 5.8      | 5.2      |
|                       | MEAN NO. DAYS WITH:<br>CLEAR                      | 35   | 4.4   | 4.3   | 4.7   | 5.3   | 5.7   | 4.7   | 4.5   | 4.7   | 6.7   | 8.9   | 4.8   | 4.6      | 63.3     |
|                       | PARTLY CLOUDY                                     | 35   | 5.9   | 5.3   | 6.8   | 7.7   | 8.7   | 11.2  | 11.9  | 12.2  | 9.5   | 8.0   | 6.2   | 5.1      | 98.5     |
|                       | CLOUDY  | 35   | 20.7  | 18.7  | 19.5  | 16.9  | 16.6  | 14.1  | 13.8  | 13.4  | 13.8  | 14.1  | 18.9  | 21.4     | 201.9    |
| PR                    | MEAN STATION PRESSURE(IN)                         | 30   | 29.20 | 29.18 | 29.13 | 29.09 | 29.10 | 29.10 | 29.13 | 29.14 | 29.17 | 29.19 | 29.21 | 29.22    | 29.16    |
|                       | MEAN SEA-LEVEL PRES. (IN)                         | 29   | 30.12 | 30.09 | 30.06 | 29.98 | 29.99 | 29.98 | 30.00 | 30.02 | 30.05 | 30.08 | 30.12 | 30.13    | 30.05    |
| WINDS                 | MEAN SPEED (MPH)                                  | 30   | 7.0   | 6.9   | 7.1   | 7.0   | 5.6   | 5.1   | 4.8   | 4.4   | 4.7   | 5.1   | 6.1   | 6.5      | 5.9      |
|                       | PREVAIL.DIR.(TENS OF DEGS)                        | 45   | 25    | 25    | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 25       | 25       |
|                       | MAXIMUM 2-MINUTE:<br>SPEED (MPH)                  | 17   | 43    | 36    | 36    | 36    | 39    | 40    | 37    | 34    | 31    | 38    | 37    | 37       | 43       |
|                       | DIR. (TENS OF DEGS)                               |      | 26    | 26    | 26    | 25    | 05    | 34    | 23    | 29    | 24    | 30    | 26    | 24       | 26       |
|                       | YEAR OF OCCURRENCE                                |      | 2000  | 2011  | 2002  | 2006  | 2011  | 2012  | 2003  | 2000  | 2008  | 1999  | 2013  | 2009     | JAN 2000 |
|                       | MAXIMUM 3-SECOND<br>SPEED (MPH)                   | 17   | 52    | 56    | 62    | 54    | 56    | 59    | 51    | 47    | 48    | 60    | 62    | 53       | 62       |
|                       | DIR. (TENS OF DEGS)                               |      | 25    | 25    | 25    | 20    | 23    | 33    | 34    | 29    | 21    | 29    | 26    | 23       | 26       |
| YEAR OF OCCURRENCE    |   | 2000 | 2011  | 2002  | 2006  | 2003  | 2012  | 2008  | 2000  | 2008  | 1999  | 2013  | 2009  | NOV 2013 |          |
| PRECIPITATION         | NORMAL (IN)                                       | 30   | 2.97  | 3.07  | 3.90  | 3.44  | 4.70  | 3.88  | 4.55  | 3.74  | 2.78  | 2.81  | 3.44  | 3.31     | 42.59    |
|                       | MAXIMUM MONTHLY (IN)                              | 53   | 6.37  | 8.67  | 8.88  | 9.98  | 9.67  | 7.63  | 8.57  | 6.93  | 8.95  | 6.38  | 7.78  | 8.69     | 9.98     |
|                       | YEAR OF OCCURRENCE                                |      | 1978  | 1989  | 2002  | 2011  | 2003  | 1979  | 1962  | 1989  | 2004  | 2006  | 2003  | 1978     | APR 2011 |
|                       | MINIMUM MONTHLY (IN)                              | 53   | 0.64  | 0.53  | 1.12  | 0.74  | 0.93  | 0.41  | 1.37  | 0.68  | 0.11  | T     | 0.62  | 0.31     | 0.11     |
|                       | YEAR OF OCCURRENCE                                |      | 1981  | 1968  | 1966  | 1976  | 1965  | 1966  | 1974  | 1962  | 2008  | 1963  | 2012  | 1965     | SEP 2008 |
|                       | MAXIMUM IN 24 HOURS (IN)                          | 53   | 2.96  | 2.83  | 4.40  | 2.28  | 3.73  | 3.42  | 4.27  | 3.62  | 4.06  | 2.95  | 2.75  | 3.36     | 4.40     |
|                       | YEAR OF OCCURRENCE                                |      | 2009  | 2000  | 2002  | 2002  | 1990  | 1979  | 1962  | 1999  | 2004  | 1985  | 1988  | 1978     | MAR 2002 |
|                       | NORMAL NO. DAYS WITH:<br>PRECIPITATION >= 0.01    | 30   | 13.4  | 11.9  | 13.3  | 12.8  | 13.8  | 12.1  | 11.1  | 9.5   | 8.1   | 9.3   | 10.8  | 12.9     | 139.0    |
| PRECIPITATION >= 1.00 | 30  | 0.5  | 0.5   | 0.6   | 0.5   | 1.0   | 0.7   | 1.3   | 1.1   | 0.6   | 0.7   | 0.7   | 0.6   | 8.8      |          |
| SNOWFALL              | NORMAL (IN)                                       | 30   | 6.9   | 7.4   | 3.8   | 0.9   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.7   | 3.8      | 23.6     |
|                       | MAXIMUM MONTHLY (IN)                              | 45   | 30.3  | 23.9  | 23.6  | 14.4  | 0.2   | T     | 0.0   | T     | T     | 1.9   | 4.6   | 13.2     | 30.3     |
|                       | YEAR OF OCCURRENCE                                |      | 1978  | 1986  | 1993  | 1987  | 1989  | 1995  | 1991  | 2012  | 2012  | 1987  | 1967  | 1967     | JAN 1978 |
|                       | MAXIMUM IN 24 HOURS (IN)                          | 45   | 11.6  | 11.2  | 21.1  | 8.1   | 0.2   | T     | 0.0   | T     | T     | 1.9   | 4.4   | 6.7      | 21.1     |
|                       | YEAR OF OCCURRENCE                                |      | 1978  | 1985  | 1993  | 1987  | 1989  | 1995  | 1991  | 2012  | 2012  | 1969  | 1967  | 1967     | MAR 1993 |
|                       | MAXIMUM SNOW DEPTH (IN)                           | 44   | 20    | 13    | 22    | 14    | 0     | 0     | 0     | 0     | 1     | 10    | 7     | 7        | 22       |
|                       | YEAR OF OCCURRENCE                                |      | 1978  | 1998  | 1993  | 1987  |       |       |       |       | 2012  | 1963  | 1967  | 1967     | MAR 1993 |
|                       | NORMAL NO. DAYS WITH:<br>SNOWFALL >= 1.0          | 30   | 2.2   | 2.2   | 1.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 1.0      | 6.8      |

**PRECIPITATION (inches) 2013 HUNTINGTON (KHTS)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984           | 1.82 | 2.09 | 2.45 | 4.46 | 4.45 | 1.75 | 3.37 | 4.66 | 2.67 | 4.87 | 3.85 | 4.36 | 40.80  |
| 1985           | 3.13 | 2.92 | 3.41 | 0.83 | 5.40 | 3.10 | 6.13 | 4.68 | 0.35 | 5.17 | 7.40 | 2.10 | 44.62  |
| 1986           | 1.31 | 3.60 | 1.55 | 0.95 | 3.57 | 3.52 | 5.44 | 3.53 | 3.73 | 1.88 | 6.67 | 3.51 | 39.26  |
| 1987           | 2.52 | 3.32 | 2.44 | 4.78 | 3.59 | 2.56 | 3.12 | 1.19 | 2.08 | 0.55 | 2.51 | 4.82 | 33.48  |
| 1988           | 1.96 | 2.42 | 3.01 | 3.10 | 2.02 | 0.77 | 6.88 | 2.69 | 2.65 | 1.91 | 5.52 | 3.17 | 36.10  |
| 1989           | 3.60 | 8.67 | 5.83 | 3.73 | 3.96 | 5.49 | 6.48 | 6.93 | 6.32 | 4.30 | 2.39 | 2.28 | 59.98  |
| 1990           | 3.15 | 3.35 | 2.44 | 3.21 | 8.29 | 4.18 | 4.19 | 3.71 | 5.35 | 3.47 | 2.51 | 8.07 | 51.92  |
| 1991           | 2.22 | 3.47 | 7.71 | 3.91 | 1.20 | 1.63 | 2.79 | 4.05 | 2.27 | 1.01 | 3.08 | 5.36 | 38.70  |
| 1992           | 1.67 | 2.32 | 3.78 | 2.85 | 4.97 | 3.15 | 7.93 | 2.54 | 1.19 | 1.08 | 3.18 | 2.83 | 37.49  |
| 1993           | 2.23 | 3.68 | 5.53 | 2.18 | 2.52 | 5.65 | 2.80 | 2.74 | 4.35 | 3.48 | 3.70 | 3.28 | 42.14  |
| 1994           | 5.20 | 4.65 | 8.62 | 3.33 | 3.48 | 2.02 | 4.46 | 5.46 | 1.49 | 1.90 | 2.18 | 3.04 | 45.83  |
| 1995           | 5.27 | 2.20 | 3.04 | 2.26 | 6.66 | 6.17 | 1.74 | 3.46 | 3.69 | 2.88 | 2.24 | 2.84 | 42.45  |
| 1996           | 5.66 | 2.10 | 4.61 | 4.52 | 7.55 | 4.40 | 6.37 | 1.96 | 4.18 | 1.89 | 4.58 | 2.19 | 50.01  |
| 1997           | 1.88 | 1.76 | 8.33 | 1.72 | 2.95 | 4.90 | 4.63 | 4.45 | 1.29 | 1.26 | 3.37 | 1.56 | 38.10  |
| 1998           | 3.84 | 4.77 | 1.99 | 6.79 | 4.29 | 6.87 | 3.83 | 3.09 | 0.69 | 2.56 | 2.31 | 2.96 | 43.99  |
| 1999           | 4.50 | 2.55 | 3.28 | 2.16 | 1.92 | 1.37 | 2.04 | 5.32 | 0.95 | 3.80 | 3.49 | 2.73 | 34.11  |
| 2000           | 1.92 | 5.40 | 2.71 | 4.16 | 3.56 | 4.04 | 5.06 | 4.52 | 3.62 | 0.64 | 0.95 | 3.34 | 39.92  |
| 2001           | 1.90 | 1.82 | 2.80 | 1.44 | 8.22 | 4.83 | 5.19 | 2.24 | 1.10 | 1.71 | 1.64 | 2.25 | 35.14  |
| 2002           | 2.66 | 0.97 | 8.88 | 5.42 | 4.22 | 3.20 | 3.13 | 1.99 | 3.98 | 5.40 | 3.16 | 3.10 | 46.11  |
| 2003           | 1.38 | 5.77 | 1.49 | 4.34 | 9.67 | 5.19 | 7.28 | 5.87 | 3.41 | 2.03 | 7.78 | 2.66 | 56.87  |
| 2004           | 3.51 | 2.52 | 4.07 | 4.92 | 5.06 | 2.94 | 4.00 | 5.86 | 8.95 | 3.04 | 5.94 | 2.64 | 53.45  |
| 2005           | 3.70 | 2.79 | 3.48 | 4.61 | 2.49 | 1.48 | 4.49 | 6.68 | 0.69 | 2.57 | 1.66 | 2.37 | 37.01  |
| 2006           | 3.87 | 0.88 | 3.26 | 4.11 | 1.76 | 5.42 | 6.66 | 4.89 | 7.70 | 6.38 | 2.49 | 2.11 | 49.53  |
| 2007           | 3.06 | 1.64 | 3.77 | 3.67 | 1.24 | 1.91 | 2.91 | 1.93 | 1.07 | 2.98 | 3.41 | 6.21 | 33.80  |
| 2008           | 2.85 | 3.52 | 5.44 | 3.32 | 4.92 | 5.32 | 1.83 | 3.51 | 0.11 | 1.71 | 3.02 | 4.41 | 39.96  |
| 2009           | 4.83 | 1.49 | 2.56 | 3.29 | 7.47 | 5.70 | 8.47 | 2.56 | 3.23 | 3.33 | 0.79 | 4.37 | 48.09  |
| 2010           | 2.86 | 2.72 | 2.60 | 2.35 | 7.16 | 5.31 | 5.70 | 2.51 | 2.41 | 2.42 | 4.90 | 1.53 | 42.47  |
| 2011           | 2.15 | 4.27 | 4.29 | 9.98 | 8.25 | 4.06 | 6.19 | 4.51 | 4.52 | 4.71 | 6.18 | 3.33 | 62.44  |
| 2012           | 2.16 | 2.39 | 2.62 | 2.53 | 3.96 | 2.36 | 7.74 | 1.53 | 6.64 | 3.66 | 0.62 | 4.90 | 41.11  |
| 2013           | 3.92 | 1.76 | 3.89 | 2.43 | 1.58 | 5.76 | 7.90 | 5.17 | 1.72 | 2.10 | 3.12 | 5.55 | 44.90  |
| POR=<br>53 YRS | 2.98 | 2.87 | 3.95 | 3.57 | 4.38 | 3.76 | 4.77 | 3.81 | 2.97 | 2.78 | 3.26 | 3.33 | 42.43  |

WBAN : 03860

**AVERAGE TEMPERATURE (°F) 2013 HUNTINGTON (KHTS)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1984           | 28.4 | 41.7 | 41.8 | 54.8 | 61.6 | 75.2 | 73.4 | 75.6 | 65.8 | 62.9 | 42.9 | 45.7 | 55.8   |
| 1985           | 25.9 | 32.1 | 48.5 | 59.6 | 64.9 | 70.2 | 74.3 | 72.1 | 67.9 | 61.0 | 53.3 | 32.6 | 55.2   |
| 1986           | 33.7 | 39.4 | 47.2 | 58.7 | 66.6 | 73.2 | 77.9 | 72.9 | 70.8 | 58.3 | 45.8 | 36.2 | 56.7   |
| 1987           | 33.2 | 37.5 | 47.1 | 53.4 | 68.7 | 73.5 | 76.6 | 77.4 | 68.9 | 51.0 | 49.7 | 39.2 | 56.4   |
| 1988           | 31.2 | 35.1 | 46.1 | 54.3 | 63.6 | 71.5 | 78.0 | 77.0 | 66.9 | 49.4 | 46.9 | 37.4 | 54.8   |
| 1989           | 40.7 | 34.6 | 47.6 | 54.1 | 59.9 | 71.4 | 75.6 | 73.8 | 67.3 | 56.4 | 46.3 | 25.6 | 54.4   |
| 1990           | 42.1 | 43.9 | 51.3 | 54.9 | 62.8 | 72.2 | 75.7 | 73.7 | 68.2 | 57.1 | 50.4 | 43.1 | 58.0   |
| 1991           | 35.9 | 40.4 | 48.0 | 60.0 | 71.8 | 75.0 | 78.9 | 76.2 | 69.1 | 59.3 | 44.9 | 40.4 | 58.3   |
| 1992           | 35.6 | 41.4 | 45.6 | 55.8 | 61.7 | 69.1 | 75.6 | 71.5 | 67.3 | 54.9 | 47.3 | 37.9 | 55.3   |
| 1993           | 39.3 | 33.7 | 41.7 | 54.3 | 65.2 | 72.2 | 79.4 | 76.7 | 66.8 | 55.2 | 46.6 | 36.3 | 55.6   |
| 1994           | 27.1 | 37.6 | 44.8 | 59.9 | 60.3 | 75.3 | 76.8 | 72.6 | 65.6 | 56.3 | 51.6 | 41.4 | 55.8   |
| 1995           | 34.7 | 34.1 | 47.8 | 56.1 | 62.5 | 72.3 | 77.4 | 79.1 | 66.3 | 57.1 | 41.3 | 33.2 | 55.2   |
| 1996           | 32.0 | 36.3 | 40.1 | 54.5 | 65.9 | 73.3 | 73.5 | 73.8 | 66.1 | 56.4 | 40.0 | 40.5 | 54.4   |
| 1997           | 33.5 | 42.1 | 47.0 | 51.1 | 58.7 | 69.6 | 75.1 | 71.4 | 65.2 | 55.9 | 42.7 | 36.8 | 54.1   |
| 1998           | 41.5 | 42.2 | 47.0 | 55.0 | 66.4 | 71.4 | 74.4 | 74.7 | 72.5 | 57.5 | 47.5 | 40.7 | 57.6   |
| 1999           | 37.5 | 39.8 | 40.7 | 58.2 | 65.6 | 74.2 | 80.3 | 74.0 | 66.2 | 55.3 | 49.5 | 38.4 | 56.6   |
| 2000           | 32.0 | 43.2 | 50.1 | 54.1 | 66.9 | 72.6 | 72.2 | 72.3 | 65.2 | 58.1 | 43.2 | 28.4 | 54.9   |
| 2001           | 32.1 | 40.3 | 40.5 | 59.7 | 64.5 | 70.7 | 74.3 | 75.3 | 65.8 | 56.5 | 51.4 | 41.8 | 56.1   |
| 2002           | 38.6 | 38.4 | 46.1 | 58.2 | 61.0 | 73.3 | 77.3 | 77.1 | 71.3 | 56.6 | 44.2 | 37.2 | 56.6   |
| 2003           | 28.2 | 33.4 | 48.9 | 58.5 | 63.4 | 68.5 | 73.9 | 74.8 | 65.3 | 56.0 | 50.8 | 37.4 | 54.9   |
| 2004           | 31.3 | 37.8 | 48.7 | 56.0 | 69.4 | 71.3 | 74.7 | 72.0 | 68.2 | 58.9 | 50.5 | 37.8 | 56.4   |
| 2005           | 37.7 | 39.9 | 42.2 | 57.8 | 61.2 | 75.8 | 78.9 | 79.4 | 71.6 | 57.5 | 48.3 | 33.5 | 57.0   |
| 2006           | 43.9 | 37.0 | 45.2 | 60.8 | 62.9 | 70.7 | 77.3 | 78.0 | 64.0 | 54.1 | 47.5 | 42.4 | 57.0   |
| 2007           | 37.9 | 27.7 | 51.7 | 53.9 | 67.0 | 74.0 | 74.4 | 79.8 | 71.4 | 61.9 | 46.1 | 40.5 | 57.2   |
| 2008           | 33.9 | 36.6 | 44.8 | 56.6 | 61.1 | 72.8 | 74.2 | 73.4 | 71.4 | 55.7 | 42.3 | 36.0 | 54.9   |
| 2009           | 29.2 | 38.2 | 48.0 | 56.9 | 64.1 | 72.0 | 70.9 | 73.1 | 67.9 | 53.6 | 49.0 | 35.3 | 54.9   |
| 2010           | 29.9 | 30.6 | 47.3 | 59.7 | 66.9 | 75.4 | 77.0 | 76.8 | 69.2 | 58.0 | 46.2 | 28.7 | 55.5   |
| 2011           | 29.8 | 39.9 | 46.3 | 59.0 | 64.2 | 72.5 | 78.5 | 74.5 | 66.6 | 54.6 | 50.2 | 42.0 | 56.5   |
| 2012           | 38.7 | 40.3 | 57.0 | 55.6 | 68.8 | 72.7 | 78.5 | 74.1 | 66.7 | 54.8 | 43.1 | 42.5 | 57.7   |
| 2013           | 36.3 | 36.6 | 40.2 | 57.6 | 66.0 | 73.3 | 75.6 | 73.4 | 68.1 | 57.8 | 43.2 | 39.1 | 55.6   |
| POR=<br>53 YRS | 33.0 | 36.3 | 46.0 | 56.0 | 64.1 | 71.8 | 75.5 | 74.4 | 67.6 | 56.3 | 46.4 | 37.2 | 55.4   |

**HEATING DEGREE DAYS (base 65°F) 2013 HUNTINGTON (KHTS)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1984-85 | 1   | 0   | 98  | 91  | 660 | 597  | 1205 | 918  | 507 | 206 | 72  | 18  | 4373  |
| 1985-86 | 0   | 0   | 63  | 164 | 348 | 1001 | 964  | 710  | 550 | 233 | 65  | 3   | 4101  |
| 1986-87 | 0   | 19  | 15  | 246 | 567 | 886  | 980  | 765  | 554 | 352 | 53  | 3   | 4440  |
| 1987-88 | 0   | 0   | 25  | 426 | 458 | 793  | 1043 | 858  | 584 | 325 | 104 | 28  | 4644  |
| 1988-89 | 0   | 0   | 38  | 485 | 538 | 849  | 744  | 845  | 548 | 340 | 213 | 4   | 4604  |
| 1989-90 | 0   | 7   | 70  | 283 | 557 | 1217 | 702  | 585  | 457 | 331 | 107 | 7   | 4323  |
| 1990-91 | 0   | 2   | 65  | 261 | 440 | 670  | 894  | 682  | 533 | 188 | 25  | 0   | 3760  |
| 1991-92 | 0   | 0   | 75  | 225 | 597 | 756  | 904  | 678  | 595 | 311 | 160 | 17  | 4318  |
| 1992-93 | 0   | 1   | 59  | 312 | 527 | 837  | 789  | 871  | 714 | 323 | 71  | 24  | 4528  |
| 1993-94 | 0   | 0   | 55  | 307 | 548 | 885  | 1167 | 762  | 620 | 199 | 181 | 1   | 4725  |
| 1994-95 | 0   | 2   | 35  | 271 | 402 | 722  | 934  | 858  | 525 | 280 | 132 | 2   | 4163  |
| 1995-96 | 0   | 0   | 60  | 255 | 706 | 981  | 1015 | 827  | 765 | 349 | 92  | 2   | 5052  |
| 1996-97 | 0   | 0   | 64  | 263 | 749 | 752  | 971  | 636  | 549 | 421 | 212 | 31  | 4648  |
| 1997-98 | 0   | 5   | 49  | 309 | 660 | 865  | 724  | 633  | 595 | 297 | 54  | 33  | 4224  |
| 1998-99 | 0   | 0   | 19  | 250 | 518 | 751  | 846  | 701  | 749 | 217 | 46  | 4   | 4101  |
| 1999-00 | 0   | 0   | 51  | 297 | 460 | 818  | 1013 | 628  | 461 | 324 | 49  | 15  | 4116  |
| 2000-01 | 0   | 0   | 100 | 235 | 648 | 1130 | 1011 | 687  | 748 | 240 | 84  | 16  | 4899  |
| 2001-02 | 0   | 0   | 81  | 281 | 406 | 712  | 812  | 738  | 583 | 254 | 185 | 1   | 4053  |
| 2002-03 | 0   | 0   | 17  | 299 | 622 | 852  | 1134 | 879  | 492 | 218 | 79  | 28  | 4620  |
| 2003-04 | 0   | 0   | 57  | 283 | 422 | 852  | 1040 | 780  | 508 | 287 | 44  | 4   | 4277  |
| 2004-05 | 0   | 6   | 25  | 192 | 433 | 836  | 839  | 696  | 697 | 225 | 147 | 0   | 4096  |
| 2005-06 | 0   | 0   | 10  | 258 | 499 | 970  | 646  | 780  | 611 | 161 | 132 | 5   | 4072  |
| 2006-07 | 0   | 0   | 75  | 344 | 521 | 694  | 833  | 1040 | 432 | 359 | 65  | 0   | 4363  |
| 2007-08 | 0   | 0   | 21  | 173 | 561 | 750  | 956  | 817  | 619 | 260 | 144 | 0   | 4301  |
| 2008-09 | 0   | 0   | 1   | 291 | 674 | 891  | 1102 | 743  | 529 | 290 | 101 | 8   | 4630  |
| 2009-10 | 2   | 1   | 27  | 354 | 473 | 914  | 1081 | 954  | 543 | 194 | 46  | 0   | 4589  |
| 2010-11 | 0   | 0   | 28  | 227 | 557 | 1118 | 1087 | 696  | 581 | 213 | 136 | 2   | 4645  |
| 2011-12 | 0   | 0   | 55  | 318 | 442 | 706  | 810  | 710  | 281 | 292 | 34  | 7   | 3655  |
| 2012-13 | 0   | 0   | 70  | 331 | 651 | 690  | 884  | 789  | 761 | 258 | 90  | 0   | 4524  |
| 2013-   | 0   | 4   | 34  | 265 | 648 | 797  |      |      |     |     |     |     |       |

WBAN : 03860

**COOLING DEGREE DAYS (base 65°F) 2013 HUNTINGTON (KHTS)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1984 | 0   | 0   | 0   | 26  | 71  | 314 | 269 | 336 | 132 | 34  | 5   | 6   | 1193  |
| 1985 | 0   | 0   | 6   | 53  | 75  | 182 | 297 | 227 | 155 | 45  | 7   | 0   | 1047  |
| 1986 | 0   | 0   | 8   | 51  | 125 | 253 | 406 | 273 | 199 | 45  | 0   | 0   | 1360  |
| 1987 | 0   | 0   | 0   | 13  | 176 | 267 | 367 | 391 | 147 | 0   | 5   | 0   | 1366  |
| 1988 | 0   | 0   | 7   | 10  | 68  | 230 | 409 | 379 | 102 | 10  | 2   | 0   | 1217  |
| 1989 | 0   | 0   | 12  | 19  | 61  | 201 | 331 | 285 | 147 | 24  | 0   | 0   | 1080  |
| 1990 | 0   | 0   | 35  | 33  | 47  | 231 | 340 | 281 | 165 | 25  | 8   | 0   | 1165  |
| 1991 | 0   | 0   | 15  | 45  | 245 | 308 | 438 | 355 | 206 | 54  | 4   | 0   | 1670  |
| 1992 | 0   | 0   | 1   | 41  | 66  | 149 | 334 | 210 | 136 | 5   | 0   | 0   | 942   |
| 1993 | 0   | 0   | 0   | 6   | 82  | 249 | 453 | 371 | 116 | 10  | 7   | 0   | 1294  |
| 1994 | 0   | 0   | 1   | 50  | 43  | 316 | 374 | 245 | 59  | 7   | 5   | 0   | 1100  |
| 1995 | 0   | 0   | 0   | 22  | 58  | 228 | 388 | 444 | 106 | 16  | 2   | 0   | 1264  |
| 1996 | 0   | 0   | 0   | 39  | 127 | 258 | 275 | 278 | 101 | 5   | 4   | 0   | 1087  |
| 1997 | 1   | 3   | 0   | 9   | 23  | 175 | 320 | 210 | 63  | 35  | 0   | 0   | 839   |
| 1998 | 0   | 0   | 44  | 2   | 107 | 230 | 297 | 306 | 253 | 27  | 0   | 4   | 1270  |
| 1999 | 0   | 0   | 0   | 20  | 72  | 288 | 483 | 286 | 92  | 4   | 0   | 0   | 1245  |
| 2000 | 0   | 0   | 6   | 2   | 113 | 251 | 230 | 230 | 114 | 27  | 0   | 0   | 973   |
| 2001 | 0   | 0   | 0   | 89  | 75  | 191 | 295 | 327 | 110 | 29  | 3   | 0   | 1119  |
| 2002 | 0   | 0   | 3   | 55  | 67  | 257 | 390 | 382 | 213 | 44  | 4   | 0   | 1415  |
| 2003 | 0   | 0   | 3   | 29  | 39  | 143 | 282 | 311 | 73  | 10  | 3   | 0   | 893   |
| 2004 | 1   | 0   | 11  | 22  | 185 | 199 | 307 | 232 | 129 | 10  | 5   | 0   | 1101  |
| 2005 | 0   | 0   | 0   | 16  | 38  | 332 | 437 | 458 | 214 | 34  | 3   | 0   | 1532  |
| 2006 | 0   | 0   | 4   | 42  | 73  | 181 | 390 | 411 | 52  | 10  | 3   | 0   | 1166  |
| 2007 | 0   | 0   | 29  | 30  | 135 | 278 | 295 | 462 | 220 | 84  | 0   | 0   | 1533  |
| 2008 | 0   | 0   | 0   | 17  | 28  | 242 | 291 | 266 | 203 | 12  | 0   | 0   | 1059  |
| 2009 | 0   | 0   | 7   | 51  | 80  | 222 | 191 | 261 | 120 | 5   | 0   | 0   | 937   |
| 2010 | 0   | 0   | 0   | 41  | 113 | 318 | 379 | 375 | 162 | 18  | 0   | 0   | 1406  |
| 2011 | 0   | 0   | 8   | 37  | 120 | 232 | 425 | 304 | 111 | 2   | 3   | 0   | 1242  |
| 2012 | 0   | 0   | 43  | 14  | 158 | 246 | 425 | 291 | 128 | 20  | 0   | 0   | 1325  |
| 2013 | 0   | 0   | 0   | 42  | 127 | 257 | 337 | 268 | 133 | 49  | 1   | 2   | 1216  |

**SNOWFALL (inches) 2013 HUNTINGTON (KHTS)**

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR  | APR  | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-------|
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.5  | 19.5 | 21.2 | 0.2  | 0.4  | 0.0 | 0.0 | 43.9  |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.8  | 10.4 | 23.9 | 1.5  | T    | 0.0 | 0.0 | 41.6  |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | T    | 9.1  | 6.1  | 2.8  | 14.4 | 0.0 | 0.0 | 33.1  |
| 1987-88        | 0.0 | 0.0 | 0.0 | T   | 4.6 | 3.7  | 7.6  | 3.4  | 1.9  | T    | 0.0 | 0.0 | 21.2  |
| 1988-89        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 2.5  | 0.3  | 2.0  | T    | T    | 0.2 | 0.0 | 5.0   |
| 1989-90        | 0.0 | 0.0 | 0.0 | T   | 2.7 | 9.9  | 0.8  | 2.9  | 5.3  | 0.7  | 0.0 | T   | 22.3  |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6  | 2.8  | 5.1  | 4.8  | 0.0  | 0.0 | 0.0 | 15.3  |
| 1991-92        | 0.0 | T   | 0.0 | 0.0 | 0.4 | 0.5  | 2.3  | 0.4  | 4.6  | 3.0  | T   | 0.0 | 11.2  |
| 1992-93        | 0.0 | 0.0 | 0.0 | T   | 1.3 | 5.9  | 0.5  | 13.6 | 23.6 | 0.1  | T   | 0.0 | 45.0  |
| 1993-94        | 0.0 | 0.0 | 0.0 | 1.5 | T   | 10.7 | 21.6 | 3.0  | 6.8  | T    | 0.0 | 0.0 | 43.6  |
| 1994-95        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1  | 4.6  | 4.0  | 8.1  | 0.0  | 0.0 | T   | 16.8  |
| 1995-96        | 0.0 | 0.0 | 0.0 | T   | 3.8 | 4.7  | 22.4 | 8.3  | 5.1  | 0.5  | 0.0 | 0.0 | 44.8  |
| 1996-97        | 0.0 | 0.0 | 0.0 | 0.0 | .2  | .7   | 1.3  | 2.4  | T    | T    | T   | 0.0 |       |
| 1997-98        | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 6.2  | 0.5  | 16.7 |      |      |     |     |       |
| 1998-99        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 1999-00        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2000-01        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2001-02        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2002-03        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2003-04        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2004-05        |     |     |     |     |     | 0.7  | 5.5  | 0.9  | 5.9  | T    | 0.0 | 0.0 |       |
| 2005-06        | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.6  | 0.2  | 1.7  | 0.2  | 0.0  | T   | 0.0 | 3.7   |
| 2006-07        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.5  | 1.6  | 7.0  | T    | 1.6  | 0.0 | 0.0 | 10.7  |
| 2007-08        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 1.4  | 2.0  |      |      |      |     |     |       |
| 2008-09        |     |     |     |     |     | 0.9  | 9.8  | 2.7  | T    | T    | T   | 0.0 |       |
| 2009-10        | 0.0 | 0.0 | T   | 0.0 | T   | 7.5  | 15.7 | 16.8 | T    | 0.0  | 0.0 | 0.0 | 40.0  |
| 2010-11        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.1 | 11.0 | 1.6  | 1.3  | 0.0  | 0.0 | 0.0 | 27.0  |
| 2011-12        | 0.0 | 0.0 | 0.0 | 0.0 | T   | T    | 0.3  | 1.8  | 3.4  | 0.0  | 0.0 | 0.0 | 5.5   |
| 2012-13        | 0.0 | 0.0 | T   | 1.9 | T   | 1.6  | 2.9  | 5.5  | 0.5  | 0.0  | 0.0 | 0.0 | 12.4  |
| 2013-          | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 4.2  |      |      |      |      |     |     |       |
| POR=<br>53 YRS | 0.0 | T   | T   | 0.1 | 0.9 | 3.1  | 7.0  | 5.5  | 3.2  | 0.4  | T   | T   | 20.2  |

WBAN : 03860

**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/>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><br/>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> |
|---|---|

# 2013 HUNTINGTON WEST VIRGINIA (KHTS)

The Tri-State Airport is near the confluence of the Ohio and Big Sandy Rivers, located on a man-made plateau constructed by cutting the tops off several hills and filling intervening valleys. The elevation of the ground at the National Weather Service Office is 260 feet higher than at the Federal Building in downtown Huntington.

The temperature record for the valley locations is not compatible with that for the airport, which is generally cooler throughout the year. The summer season is moderately warm and humid, with the valley locations considerably warmer and more humid than the Tri-State Airport site. The winter months are moderately cold, with an occasional severe cold wave lasting a few days. The four seasons are nearly equal in length and autumn is the most pleasant, with warm days and cool nights.

The heaviest rainfall occurs in July and August, mostly in thunderstorms, and flash floods are common in the area. The winter rainfall occurs mostly prior to and with a frontal passage and frequently lasts from two to four days, causing frequent general flooding on all streams.

Snow seldom remains on the ground more than two days in the valleys. However, at higher elevations surrounding the airport, roads are frequently blocked for several days during the winter months.

# Station History

HUNTINGTON, WV

| NAME                    | Begin Date | End Date   | Latitude | Longitude | Elevation Feet | Relocation | Platform      |
|-------------------------|------------|------------|----------|-----------|----------------|------------|---------------|
| HUNTINGTON TRI STATE AP | 1996-05-30 | 1996-09-01 | 38° 22'  | -82° 33'  | 827            |            | COOP          |
| HUNTINGTON TRI STATE AP | 1996-09-01 | 2007-05-31 | 38° 21'  | -82° 33'  | 824            | .1 MI S    | ASOS, COOP    |
| HUNTINGTON TRI STATE AP | 1961-01-01 | 1962-01-01 | 38° 22'  | -82° 33'  | 827            |            | AIRWAYS, COOP |
| HUNTINGTON TRI STATE AP | 1962-01-01 | 1973-01-01 | 38° 22'  | -82° 33'  | 846            |            | AIRWAYS, COOP |
| HUNTINGTON TRI STATE AP | 2007-05-31 | Present    | 38° 21'  | -82° 33'  | 824            |            | ASOS, COOP    |
| HUNTINGTON TRI STATE AP | 1981-12-31 | 1996-05-30 | 38° 22'  | -82° 33'  | 827            |            | COOP          |
| HUNTINGTON TRI STATE AP | 1954-07-01 | 1961-01-01 | 38° 22'  | -82° 33'  |                |            | AIRWAYS       |
| HUNTINGTON TRI STATE AP | 1973-01-01 | 1981-12-31 | 38° 22'  | -82° 33'  | 827            |            | COOP, WXSVC   |

# Element History

| Element | Begin Date | End Date   | Frequency | Time Of Observation | Equipment * | Equipment * Modifications | Equipment Exposure |
|---------|------------|------------|-----------|---------------------|-------------|---------------------------|--------------------|
| PRECIP  | 1961-01-01 | 1991-12-01 | DAILY     | 2400                |             |                           |                    |
| PRECIP  | 1991-12-01 | 1995-07-01 | HOURLY    | 2400                |             |                           |                    |
| PRECIP  | 1995-07-01 | 1996-05-30 | HOURLY    | 2400                | UNIV        | RCRD                      |                    |
| TEMP    | 1995-07-01 | 1996-05-30 | DAILY     | 2400                | HYGR        |                           |                    |
| TEMP    | 1996-09-01 | 2007-05-31 | DAILY     | 2400                | HYGR        |                           |                    |
| PRECIP  | 1996-09-01 | 2007-05-31 | DAILY     | 2400                |             |                           |                    |
| TEMP    | 1991-12-01 | 1995-07-01 | DAILY     | 2400                | HYGR        |                           |                    |
| PRECIP  | 1995-07-01 | 1996-05-30 | DAILY     | 2400                | UNIV        | RCRD                      |                    |
| PRECIP  | 2007-05-31 | Present    | DAILY     | 2400                | PCPNX       |                           |                    |
| PRECIP  | 1996-05-30 | 1996-09-01 | HOURLY    | 2400                |             |                           |                    |
| PRECIP  | 1996-05-30 | 1996-09-01 | DAILY     | 2400                |             |                           |                    |
| PRECIP  | 1961-01-01 | 1991-12-01 | HOURLY    | 2400                |             |                           |                    |
| PRECIP  | 1991-12-01 | 1995-07-01 | DAILY     | 2400                | UNIV        | RCRD                      |                    |
| TEMP    | 1996-05-30 | 1996-09-01 | DAILY     | 2400                | HYGR        |                           |                    |
| PRECIP  | 1996-09-01 | 2007-05-31 | HOURLY    | 2400                | TB          | RCRD                      |                    |
| PRECIP  | 2007-05-31 | Present    | HOURLY    | 2400                | AWPAG       | RCRD;HTD                  |                    |
| TEMP    | 2007-05-31 | Present    | DAILY     | 2400                | ATEMP       |                           |                    |
| TEMP    | 1961-01-01 | 1991-12-01 | DAILY     | 2400                |             |                           |                    |
| TEMP    | 1954-07-01 | 1961-01-01 | DAILY     | 2400                |             |                           |                    |
| PRECIP  | 1954-07-01 | 1961-01-01 | DAILY     | 2400                |             |                           |                    |

\* 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

Asheville, NC 28801-5001

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