

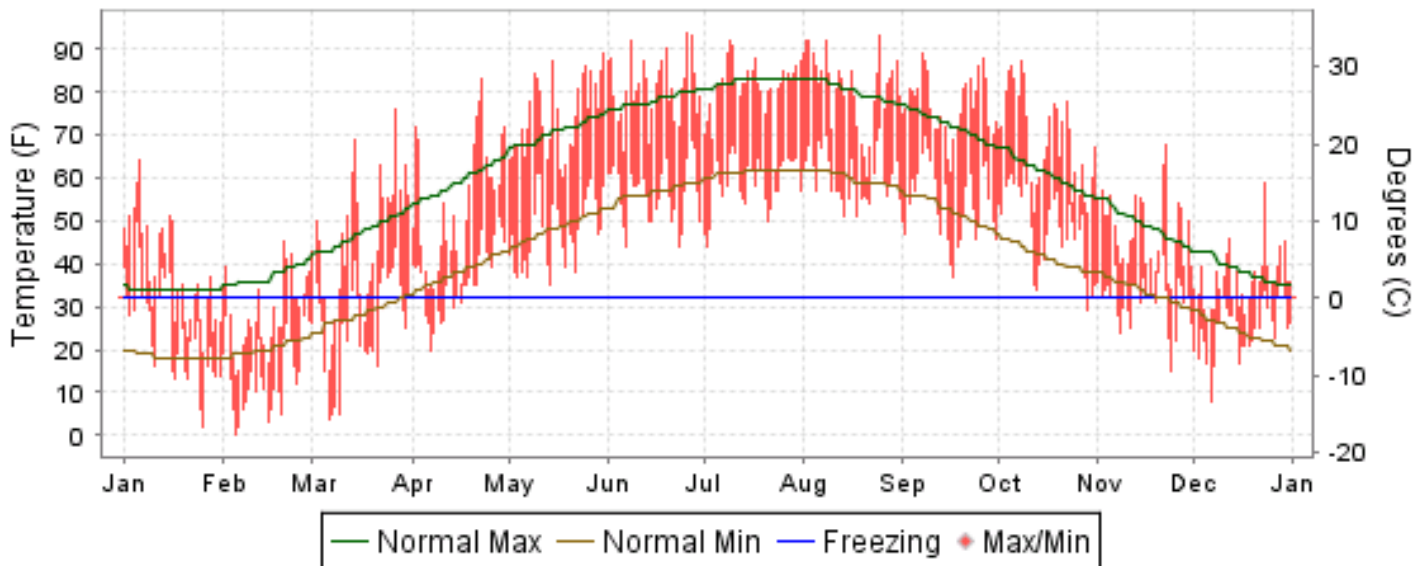


# 2007 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

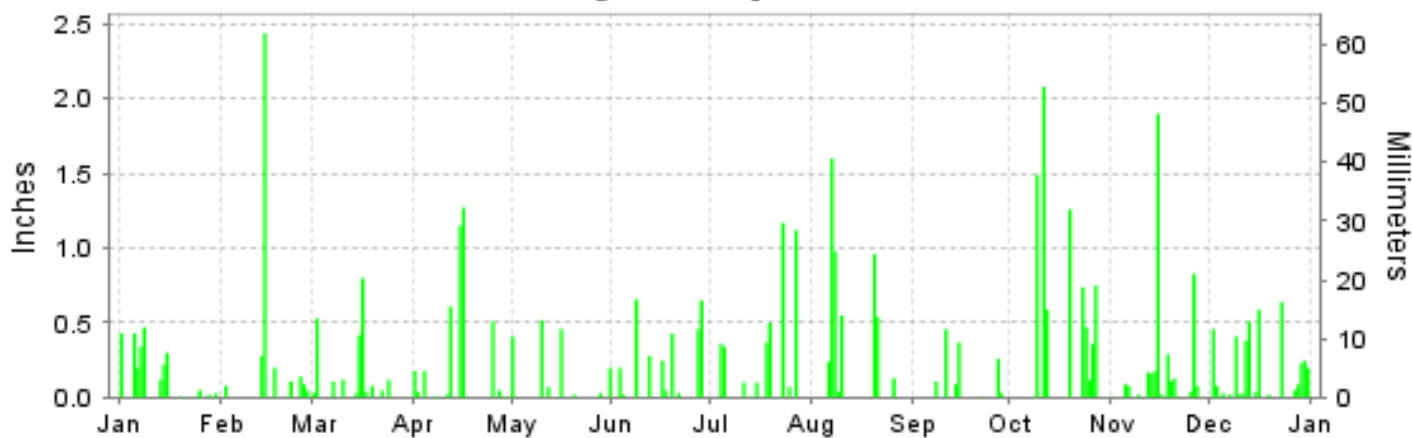
ISSN 0198-4470

## WILKES-BARRE/SCRANTON, PENNSYLVANIA (KAVP)

### 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 2007

## WILKES-BARRE/SCRANTON (KAVP)

LATITUDE: 41° 20'N      LONGITUDE: -75° 43'W      ELEVATION (FT): GRND: 953    BARO: 958      TIME ZONE: EASTERN (UTC -5)      WBAN: 14777

| ELEMENT                  |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |    |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM          | 38.3  | 28.5  | 45.7  | 53.9  | 74.3  | 81.0  | 81.4  | 81.1  | 77.1  | 69.1  | 47.2  | 36.4   | 59.5      |    |
|                          | HIGHEST DAILY MAXIMUM       | 64    | 45    | 76    | 83    | 89    | 94    | 92    | 93    | 89    | 87    | 68    | 59     | 94        |    |
|                          | DATE OF OCCURRENCE          | 06    | 20    | 27    | 23    | 31    | 26    | 09    | 25    | 07    | 08    | 22    | 23     | JUN 26    |    |
|                          | MEAN DAILY MINIMUM          | 24.5  | 14.4  | 26.2  | 36.2  | 47.5  | 56.5  | 58.9  | 60.3  | 54.1  | 48.8  | 31.6  | 24.9   | 40.3      |    |
|                          | LOWEST DAILY MINIMUM        | 2     | 0     | 4     | 20    | 35    | 44    | 44    | 51    | 37    | 29    | 15    | 8      | 0         |    |
|                          | DATE OF OCCURRENCE          | 26    | 05    | 06    | 07    | 14    | 23+   | 02    | 18+   | 17    | 29    | 24    | 06     | FEB 05    |    |
|                          | AVERAGE DRY BULB            | 31.4  | 21.5  | 36.0  | 45.1  | 60.9  | 68.8  | 70.2  | 70.7  | 65.6  | 59.0  | 39.4  | 30.7   | 49.9      |    |
|                          | MEAN WET BULB               | 28.5  | 18.1  | 31.0  | 38.9  | 51.7  | 61.0  | 62.5  | 64.1  | 58.6  | 53.3  | 35.8  | 28.5   | 44.3      |    |
|                          | MEAN DEW POINT              | 22.0  | 9.4   | 21.8  | 30.8  | 42.0  | 55.8  | 57.2  | 59.8  | 53.6  | 48.8  | 29.4  | 23.3   | 37.8      |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | MAXIMUM >= 90°              | 0     | 0     | 0     | 0     | 0     | 4     | 2     | 4     | 0     | 0     | 0     | 0      | 0         | 10 |
|                          | MAXIMUM <= 32°              | 11    | 19    | 6     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 8      | 44        |    |
|                          | MINIMUM <= 32°              | 23    | 28    | 19    | 9     | 0     | 0     | 0     | 0     | 0     | 2     | 16    | 27     | 124       |    |
| MINIMUM <= 0°            | 0                           | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1      |           |    |
| H/C                      | HEATING DEGREE DAYS         | 1033  | 1212  | 893   | 590   | 177   | 28    | 19    | 22    | 72    | 231   | 759   | 1055   | 6091      |    |
|                          | COOLING DEGREE DAYS         | 0     | 0     | 0     | 1     | 56    | 147   | 187   | 205   | 98    | 52    | 0     | 0      | 746       |    |
| RH                       | MEAN (PERCENT)              | 69    | 61    | 60    | 62    | 54    | 67    | 67    | 71    | 68    | 72    | 69    | 74     | 66        |    |
|                          | HOUR 01 LST                 | 74    | 67    | 69    | 71    | 70    | 85    | 83    | 84    | 82    | 83    | 75    | 77     | 77        |    |
|                          | HOUR 07 LST                 | 77    | 69    | 68    | 69    | 61    | 70    | 72    | 77    | 76    | 81    | 77    | 78     | 73        |    |
|                          | HOUR 13 LST                 | 61    | 51    | 46    | 52    | 36    | 45    | 49    | 54    | 48    | 53    | 57    | 67     | 52        |    |
|                          | HOUR 19 LST                 | 67    | 62    | 58    | 58    | 50    | 67    | 67    | 70    | 69    | 74    | 65    | 73     | 65        |    |
| S                        | PERCENT POSSIBLE SUNSHINE   |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| W/O                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | HEAVY FOG(VISBY <= 1/4 MI)  | 2     | 0     | 4     | 2     | 1     | 2     | 3     | 1     | 0     | 0     | 2     | 7      | 24        |    |
|                          | THUNDERSTORMS               | 0     | 0     | 0     | 0     | 0     | 3     | 4     | 0     | 0     | 0     | 0     | 0      | 7         |    |
| CLOUDNESS                | SUNRISE-SUNSET: (OKTAS)     |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | CEILOMETER (<= 12,000 FT.)  |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | SATELLITE (> 12,000 FT.)    |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | MIDNIGHT-MIDNIGHT: (OKTAS)  |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | CEILOMETER (<= 12,000 FT.)  |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| SATELLITE (> 12,000 FT.) |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| NUMBER OF DAYS WITH:     |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| CLEAR                    |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| PARTLY CLOUDY            |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| CLOUDY                   |                             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| PR                       | MEAN STATION PRESS. (IN.)   | 28.97 | 28.84 | 29.08 | 28.84 | 29.08 | 28.95 | 28.95 | 28.98 | 29.10 | 29.04 | 29.01 | 29.04  | 28.99     |    |
|                          | MEAN SEA-LEVEL PRESS. (IN.) | 30.02 | 29.89 | 30.13 | 29.87 | 30.09 | 29.94 | 29.95 | 29.98 | 30.11 | 30.05 | 30.04 | 30.08  | 30.01     |    |
| WINDS                    | RESULTANT SPEED (MPH)       | 4.4   | 5.6   | 3.3   | 3.1   | 2.1   | 1.5   | 1.3   | 0.5   | 1.1   | 1.6   | 2.4   | 3.0    | 2.4       |    |
|                          | RES. DIR. (TENS OF DEGS.)   | 29    | 28    | 31    | 30    | 32    | 29    | 27    | 30    | 26    | 25    | 28    | 27     | 29        |    |
|                          | MEAN SPEED (MPH)            | 7.1   | 9.0   | 7.8   | 6.9   | 5.9   | 5.0   | 4.9   | 4.5   | 4.7   | 4.8   | 5.6   | 5.5    | 6.0       |    |
|                          | PREVAIL.DIR.(TENS OF DEGS.) | 25    | 24    | 24    | 31    | 10    | 10    | 10    | 10    | 10    | 22    | 23    | 24     | 24        |    |
|                          | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | SPEED (MPH)                 | 29    | 32    | 32    | 32    | 26    | 32    | 31    | 31    | 25    | 30    | 28    | 31     | 32        |    |
|                          | DIR. (TENS OF DEGS.)        | 26    | 34    | 32    | 27    | 35    | 31    | 28    | 32    | 31    | 24    | 25    | 25     | 31        |    |
|                          | DATE OF OCCURRENCE          | 08    | 14    | 06    | 23    | 19    | 28    | 27    | 17    | 15    | 09    | 22    | 16     | JUN 28    |    |
|                          | MAXIMUM 5-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | SPEED (MPH)                 | 36    | 37    | 38    | 45    | 36    | 49    | 44    | 47    | 38    | 47    | 38    | 44     | 49        |    |
| DIR. (TENS OF DEGS.)     | 31                          | 34    | 30    | 24    | 03    | 30    | 27    | 32    | 33    | 24    | 16    | 12    | 30     |           |    |
| DATE OF OCCURRENCE       | 26                          | 14    | 05    | 23    | 19    | 28    | 27    | 17    | 28    | 09    | 05    | 16    | JUN 28 |           |    |
| PRECIPITATION            | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | TOTAL (IN.)                 | 2.65  | 3.41  | 2.33  | 4.06  | 1.72  | 3.03  | 4.15  | 5.04  | 1.33  | 7.87  | 4.13  | 4.06   | 43.78     |    |
|                          | GREATEST 24-HOUR (IN.)      | 0.81  | 2.71  | 0.82  | 1.53  | 0.52  | 1.11  | 1.17  | 2.58  | 0.46  | 2.63  | 2.07  | 0.64   | 2.71      |    |
|                          | DATE OF OCCURRENCE          | 07-08 | 13-14 | 16-17 | 15-16 | 10    | 27-28 | 23    | 07-08 | 14-15 | 11-12 | 14-15 | 23     | FEB 13-14 |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | PRECIPITATION 0.01          | 15    | 10    | 11    | 14    | 8     | 10    | 11    | 8     | 7     | 10    | 17    | 19     | 140       |    |
| PRECIPITATION 0.10       | 8                           | 5     | 6     | 6     | 4     | 7     | 8     | 7     | 4     | 9     | 8     | 9     | 81     |           |    |
| PRECIPITATION 1.00       | 0                           | 1     | 0     | 2     | 0     | 0     | 2     | 1     | 0     | 3     | 1     | 0     | 10     |           |    |
| SNOWFALL                 | SNOW,ICE PELLETS,HAIL       |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                          | TOTAL (IN.)                 |       |       |       |       |       |       |       | 0.0   | 0.0   | 5.9   | 16.4  |        |           |    |
|                          | GREATEST 24-HOUR (IN.)      |       |       |       |       |       |       |       | 0.0   | 0.0   | 3.8   | 5.2   |        |           |    |
|                          | DATE OF OCCURRENCE          |       |       |       |       |       |       |       |       |       | 18    | 13    |        |           |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| SNOWFALL >= 1.0          |                             |       |       |       |       |       |       |       | 0     | 0     | 2     | 0     |        |           |    |



**PRECIPITATION (inches) 2007 WILKES-BARRE/SCRANTON (KAVP)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1978           | 5.33 | 0.93 | 2.30 | 1.67 | 4.30 | 2.48 | 2.16 | 3.28 | 3.06 | 3.35 | 1.02 | 3.09 | 32.97  |
| 1979           | 6.48 | 2.44 | 1.52 | 3.69 | 5.16 | 2.54 | 2.97 | 2.05 | 5.84 | 3.68 | 3.17 | 1.70 | 41.24  |
| 1980           | 0.39 | 0.69 | 3.72 | 2.35 | 2.37 | 4.36 | 3.76 | 1.23 | 1.43 | 2.17 | 2.83 | 1.24 | 26.54  |
| 1981           | 0.63 | 8.06 | 0.49 | 3.54 | 3.00 | 3.45 | 4.27 | 1.75 | 2.74 | 3.50 | 1.84 | 2.13 | 35.40  |
| 1982           | 2.71 | 2.28 | 2.55 | 3.48 | 3.52 | 7.22 | 3.32 | 3.42 | 1.10 | 0.84 | 3.44 | 1.52 | 35.40  |
| 1983           | 1.17 | 1.46 | 3.28 | 9.56 | 3.28 | 4.81 | 2.76 | 1.77 | 2.12 | 2.73 | 3.71 | 6.58 | 43.23  |
| 1984           | 1.11 | 2.92 | 2.42 | 4.09 | 6.70 | 4.75 | 5.12 | 2.81 | 1.36 | 2.30 | 2.63 | 2.36 | 38.57  |
| 1985           | 0.61 | 1.58 | 2.24 | 2.00 | 6.10 | 3.00 | 6.09 | 2.62 | 7.83 | 1.92 | 4.47 | 1.96 | 40.42  |
| 1986           | 2.59 | 2.58 | 4.25 | 2.98 | 2.24 | 6.77 | 7.25 | 3.94 | 3.07 | 2.61 | 3.94 | 2.04 | 44.26  |
| 1987           | 2.60 | 0.68 | 1.18 | 4.38 | 2.22 | 4.35 | 5.80 | 4.16 | 8.15 | 2.77 | 2.24 | 0.99 | 39.52  |
| 1988           | 1.41 | 2.32 | 1.97 | 2.65 | 4.24 | 0.82 | 6.26 | 5.03 | 1.89 | 1.93 | 3.33 | 1.08 | 32.93  |
| 1989           | 1.02 | 1.73 | 2.23 | 0.97 | 8.02 | 6.10 | 2.76 | 2.92 | 3.92 | 4.73 | 3.57 | 0.96 | 38.93  |
| 1990           | 3.81 | 2.70 | 1.88 | 2.48 | 5.27 | 4.78 | 4.36 | 5.69 | 3.16 | 4.33 | 3.33 | 4.30 | 46.09  |
| 1991           | 1.54 | 1.35 | 2.91 | 2.69 | 2.84 | 1.72 | 2.45 | 3.28 | 2.55 | 2.41 | 3.81 | 2.73 | 30.28  |
| 1992           | 1.23 | 1.41 | 2.65 | 1.67 | 4.21 | 1.45 | 3.83 | 2.13 | 2.65 | 1.91 | 3.47 | 2.91 | 29.52  |
| 1993           | 1.97 | 1.24 | 4.02 | 7.47 | 1.38 | 1.85 | 1.04 | 3.82 | 6.55 | 3.99 | 3.32 | 3.09 | 39.74  |
| 1994           | 3.29 | 1.00 | 3.80 | 4.90 | 2.68 | 3.54 | 3.22 | 6.78 | 5.12 | 0.76 | 4.54 | 2.29 | 41.92  |
| 1995           | 2.73 | 1.45 | 1.34 | 2.15 | 1.40 | 1.45 | 3.16 | 0.95 | 2.31 | 7.15 | 3.65 | 1.22 | 28.96  |
| 1996           | 6.40 | 1.46 | 2.55 | 5.26 | 4.03 | 3.90 | 6.01 | 1.24 | 3.92 | 4.40 | 4.45 | 5.37 | 48.99  |
| 1997           | 1.57 | 1.13 | 3.20 | 0.96 | 2.46 | 2.96 | 1.33 | 5.30 | 1.91 | 1.17 | 3.48 | 2.25 | 27.72  |
| 1998           | 2.96 | 2.91 | 2.54 | 5.41 | 4.38 | 4.16 | 2.43 | 2.69 | 2.46 | 2.99 | 0.95 | 0.86 | 34.74  |
| 1999           | 4.85 | 1.41 | 2.73 | 2.16 | 2.62 | 2.89 | 1.63 | 2.12 | 9.76 | 1.52 | 2.31 | 1.24 | 35.24  |
| 2000           | 2.08 | 2.40 | 2.84 | 2.90 | 2.86 | 6.09 | 6.21 | 1.93 | 3.07 | 1.46 | 1.44 | 2.77 | 36.05  |
| 2001           | 1.13 | 1.14 | 2.54 | 1.97 | 2.92 | 3.04 | 3.67 | 3.02 | 3.95 | 1.01 | 1.89 | 1.11 | 27.39  |
| 2002           | 1.71 | 1.02 | 2.89 | 3.30 | 4.39 | 3.95 | 2.11 | 3.84 | 5.33 | 5.49 | 2.65 | 3.47 | 40.15  |
| 2003           | 1.55 | 1.50 | 1.86 | 2.17 | 3.79 | 7.54 | 3.76 | 6.17 | 8.35 | 5.32 | 3.47 | 3.97 | 49.45  |
| 2004           | 2.08 | 1.92 | 1.44 | 3.22 | 4.64 | 4.31 | 4.20 | 4.90 | 9.38 | 1.96 | 3.60 | 3.39 | 45.04  |
| 2005           | 5.35 | 1.70 | 3.28 | 4.02 | 1.26 | 2.07 | 2.21 | 2.17 | 0.80 | 7.66 | 3.40 | 2.76 | 36.68  |
| 2006           | 4.26 | 1.22 | 1.31 | 3.15 | 2.16 | 9.00 | 3.02 | 4.40 | 5.76 | 3.83 | 6.06 | 1.39 | 45.56  |
| 2007           | 2.65 | 3.41 | 2.33 | 4.06 | 1.72 | 3.03 | 4.15 | 5.04 | 1.33 | 7.87 | 4.13 | 4.06 | 43.78  |
| POR=<br>59 YRS | 2.38 | 2.04 | 2.57 | 3.27 | 3.43 | 3.85 | 3.70 | 3.46 | 3.59 | 3.03 | 3.22 | 2.65 | 37.19  |

WBAN : 14777

**AVERAGE TEMPERATURE (°F) 2007 WILKES-BARRE/SCRANTON (KAVP)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1978           | 24.4 | 19.2 | 33.1 | 46.0 | 58.7 | 65.2 | 69.4 | 71.0 | 60.5 | 50.7 | 40.5 | 29.1 | 47.3   |
| 1979           | 24.2 | 16.0 | 40.7 | 46.4 | 58.6 | 65.1 | 70.7 | 70.7 | 63.2 | 51.8 | 45.9 | 35.6 | 49.1   |
| 1980           | 27.8 | 24.2 | 35.9 | 51.0 | 61.8 | 65.3 | 73.2 | 75.2 | 66.1 | 49.8 | 37.6 | 25.7 | 49.5   |
| 1981           | 19.5 | 34.9 | 36.2 | 51.0 | 59.8 | 68.5 | 72.2 | 70.1 | 62.1 | 49.1 | 41.1 | 29.1 | 49.5   |
| 1982           | 18.7 | 27.8 | 36.0 | 46.3 | 61.2 | 64.3 | 71.0 | 66.2 | 62.4 | 52.3 | 44.3 | 36.7 | 48.9   |
| 1983           | 27.3 | 29.4 | 38.8 | 45.9 | 55.7 | 67.6 | 72.4 | 71.6 | 64.8 | 52.5 | 42.8 | 27.1 | 49.7   |
| 1984           | 23.0 | 35.9 | 30.9 | 48.3 | 57.5 | 69.3 | 71.6 | 72.6 | 61.7 | 58.0 | 40.8 | 37.3 | 50.6   |
| 1985           | 21.5 | 29.8 | 39.1 | 51.4 | 60.6 | 63.8 | 70.1 | 69.0 | 64.0 | 52.7 | 44.5 | 26.7 | 49.4   |
| 1986           | 27.2 | 26.1 | 39.8 | 49.3 | 62.7 | 66.2 | 71.0 | 67.4 | 61.6 | 51.2 | 37.3 | 32.8 | 49.4   |
| 1987           | 24.7 | 25.1 | 39.7 | 50.7 | 60.0 | 68.7 | 73.5 | 68.3 | 61.8 | 47.4 | 41.3 | 32.7 | 49.5   |
| 1988           | 22.0 | 27.4 | 38.1 | 46.6 | 60.1 | 65.5 | 75.8 | 72.9 | 60.4 | 46.3 | 43.3 | 29.8 | 49.0   |
| 1989           | 31.3 | 28.0 | 37.2 | 45.6 | 57.6 | 67.0 | 70.4 | 68.5 | 62.2 | 52.8 | 39.7 | 18.6 | 48.2   |
| 1990           | 35.3 | 33.3 | 40.6 | 50.2 | 56.1 | 67.6 | 71.7 | 69.5 | 61.6 | 55.3 | 44.2 | 36.0 | 51.8   |
| 1991           | 27.5 | 33.4 | 40.4 | 51.7 | 65.7 | 69.5 | 73.4 | 72.2 | 61.8 | 53.3 | 41.4 | 32.9 | 51.9   |
| 1992           | 28.6 | 30.3 | 34.4 | 47.4 | 58.7 | 66.3 | 71.1 | 68.4 | 62.8 | 49.0 | 42.2 | 32.8 | 49.3   |
| 1993           | 32.0 | 23.8 | 33.3 | 49.9 | 61.7 | 68.8 | 75.5 | 72.7 | 61.2 | 50.0 | 41.4 | 30.0 | 50.0   |
| 1994           | 18.8 | 24.4 | 35.4 | 52.2 | 56.6 | 69.9 | 73.8 | 67.3 | 60.9 | 50.9 | 47.4 | 36.6 | 49.5   |
| 1995           | 32.9 | 26.5 | 40.5 | 46.4 | 59.2 | 69.9 | 75.2 | 74.7 | 62.4 | 56.5 | 35.7 | 25.7 | 50.5   |
| 1996           | 24.1 | 27.6 | 33.2 | 47.4 | 55.9 | 68.2 | 68.9 | 69.6 | 62.5 | 50.8 | 36.4 | 34.5 | 48.3   |
| 1997           | 25.3 | 32.9 | 36.8 | 45.5 | 54.3 | 65.9 | 70.4 | 67.5 | 60.3 | 50.2 | 37.1 | 31.3 | 48.1   |
| 1998           | 34.1 | 35.3 | 41.1 | 49.5 | 63.3 | 65.7 | 69.8 | 70.4 | 64.1 | 51.6 | 41.8 | 35.9 | 51.9   |
| 1999           | 27.9 | 31.9 | 35.5 | 48.1 | 60.2 | 68.5 | 74.7 | 68.9 | 64.5 | 49.0 | 45.3 | 33.1 | 50.6   |
| 2000           | 24.7 | 30.5 | 42.8 | 47.8 | 59.9 | 66.8 | 67.2 | 67.7 | 60.0 | 51.6 | 38.3 | 23.0 | 48.4   |
| 2001           | 26.6 | 30.1 | 33.1 | 48.6 | 59.6 | 68.5 | 68.3 | 73.1 | 60.4 | 52.9 | 46.9 | 36.9 | 50.4   |
| 2002           | 33.4 | 34.8 | 39.8 | 50.9 | 55.7 | 68.3 | 73.5 | 72.8 | 65.0 | 49.5 | 39.7 | 29.0 | 51.0   |
| 2003           | 20.8 | 24.6 | 37.3 | 47.5 | 56.9 | 64.6 | 71.3 | 71.4 | 63.1 | 48.8 | 44.4 | 31.6 | 48.5   |
| 2004           | 18.7 | 26.8 | 39.3 | 49.3 | 63.8 | 65.1 | 70.0 | 68.8 | 64.1 | 50.4 | 42.2 | 30.7 | 49.1   |
| 2005           | 23.0 | 29.8 | 31.8 | 51.4 | 55.6 | 72.6 | 75.3 | 75.6 | 67.6 | 52.8 | 43.6 | 27.0 | 50.5   |
| 2006           | 34.9 | 29.8 | 37.4 | 50.4 | 59.0 | 66.5 | 73.5 | 70.5 | 60.8 | 50.1 | 45.7 | 38.0 | 51.4   |
| 2007           | 31.4 | 21.5 | 36.0 | 45.1 | 60.9 | 68.8 | 70.2 | 70.7 | 65.6 | 59.0 | 39.4 | 30.7 | 49.9   |
| POR=<br>59 YRS | 26.1 | 27.9 | 36.4 | 48.3 | 58.9 | 67.4 | 71.9 | 70.2 | 62.5 | 51.7 | 41.2 | 30.4 | 49.4   |

**HEATING DEGREE DAYS (base 65°F) 2007 WILKES-BARRE/SCRANTON (KAVP)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR  | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|
| 1978-79 | 38  | 2   | 153 | 436 | 728 | 1103 | 1257 | 1370 | 747  | 552 | 221 | 66  | 6673  |
| 1979-80 | 34  | 31  | 120 | 420 | 568 | 900  | 1144 | 1175 | 895  | 414 | 137 | 94  | 5932  |
| 1980-81 | 1   | 0   | 82  | 466 | 813 | 1211 | 1407 | 835  | 886  | 416 | 195 | 19  | 6331  |
| 1981-82 | 2   | 5   | 132 | 485 | 706 | 1105 | 1426 | 1034 | 896  | 554 | 147 | 68  | 6560  |
| 1982-83 | 17  | 55  | 112 | 390 | 619 | 870  | 1158 | 992  | 805  | 569 | 292 | 41  | 5920  |
| 1983-84 | 7   | 11  | 119 | 392 | 659 | 1169 | 1297 | 837  | 1052 | 493 | 247 | 34  | 6317  |
| 1984-85 | 7   | 6   | 148 | 219 | 719 | 852  | 1342 | 981  | 799  | 421 | 162 | 78  | 5734  |
| 1985-86 | 4   | 11  | 127 | 376 | 610 | 1181 | 1163 | 1083 | 777  | 467 | 140 | 61  | 6000  |
| 1986-87 | 16  | 50  | 139 | 428 | 823 | 990  | 1243 | 1111 | 779  | 425 | 208 | 20  | 6232  |
| 1987-88 | 2   | 34  | 119 | 539 | 706 | 995  | 1326 | 1082 | 823  | 546 | 176 | 91  | 6439  |
| 1988-89 | 13  | 12  | 156 | 574 | 643 | 1083 | 1037 | 1031 | 853  | 575 | 251 | 39  | 6267  |
| 1989-90 | 6   | 31  | 133 | 377 | 750 | 1433 | 915  | 881  | 757  | 465 | 269 | 44  | 6061  |
| 1990-91 | 10  | 13  | 152 | 320 | 619 | 894  | 1153 | 877  | 757  | 402 | 113 | 23  | 5333  |
| 1991-92 | 0   | 0   | 160 | 370 | 699 | 989  | 1121 | 1001 | 942  | 521 | 209 | 40  | 6052  |
| 1992-93 | 4   | 9   | 132 | 488 | 676 | 993  | 1017 | 1148 | 975  | 447 | 136 | 39  | 6064  |
| 1993-94 | 0   | 4   | 174 | 460 | 703 | 1077 | 1428 | 1131 | 910  | 390 | 270 | 33  | 6580  |
| 1994-95 | 0   | 31  | 143 | 427 | 522 | 875  | 986  | 1072 | 755  | 552 | 189 | 15  | 5567  |
| 1995-96 | 0   | 0   | 123 | 264 | 872 | 1210 | 1260 | 1075 | 979  | 525 | 312 | 16  | 6636  |
| 1996-97 | 9   | 5   | 140 | 432 | 852 | 938  | 1222 | 893  | 866  | 577 | 327 | 60  | 6321  |
| 1997-98 | 7   | 23  | 150 | 466 | 828 | 1036 | 949  | 828  | 754  | 460 | 104 | 97  | 5702  |
| 1998-99 | 2   | 11  | 90  | 408 | 689 | 896  | 1143 | 919  | 910  | 500 | 159 | 32  | 5759  |
| 1999-00 | 4   | 18  | 104 | 491 | 586 | 982  | 1243 | 995  | 683  | 510 | 196 | 59  | 5871  |
| 2000-01 | 26  | 32  | 202 | 410 | 794 | 1289 | 1181 | 973  | 982  | 491 | 187 | 45  | 6612  |
| 2001-02 | 28  | 0   | 156 | 370 | 537 | 863  | 975  | 840  | 775  | 459 | 309 | 35  | 5347  |
| 2002-03 | 4   | 7   | 68  | 483 | 751 | 1110 | 1363 | 1126 | 852  | 520 | 247 | 88  | 6619  |
| 2003-04 | 2   | 10  | 80  | 496 | 611 | 1031 | 1429 | 1103 | 787  | 472 | 119 | 72  | 6212  |
| 2004-05 | 1   | 26  | 63  | 445 | 677 | 1058 | 1294 | 978  | 1021 | 406 | 296 | 14  | 6279  |
| 2005-06 | 0   | 0   | 44  | 377 | 636 | 1172 | 927  | 980  | 849  | 431 | 211 | 54  | 5681  |
| 2006-07 | 0   | 6   | 134 | 454 | 573 | 829  | 1033 | 1212 | 893  | 590 | 177 | 28  | 5929  |
| 2007-   | 19  | 22  | 72  | 231 | 759 | 1055 |      |      |      |     |     |     |       |

WBAN : 14777

**COOLING DEGREE DAYS (base 65°F) 2007 WILKES-BARRE/SCRANTON (KAVP)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1978 | 0   | 0   | 0   | 0   | 52  | 84  | 181 | 194 | 26  | 0   | 0   | 0   | 537   |
| 1979 | 0   | 0   | 0   | 2   | 32  | 78  | 218 | 214 | 75  | 15  | 0   | 0   | 634   |
| 1980 | 0   | 0   | 0   | 0   | 42  | 107 | 263 | 322 | 122 | 3   | 0   | 0   | 859   |
| 1981 | 0   | 0   | 0   | 4   | 42  | 131 | 231 | 172 | 55  | 0   | 0   | 0   | 635   |
| 1982 | 0   | 0   | 0   | 1   | 34  | 55  | 208 | 98  | 41  | 3   | 5   | 0   | 445   |
| 1983 | 0   | 0   | 0   | 4   | 12  | 125 | 243 | 224 | 118 | 9   | 0   | 0   | 735   |
| 1984 | 0   | 0   | 0   | 0   | 20  | 165 | 218 | 248 | 58  | 12  | 0   | 0   | 721   |
| 1985 | 0   | 0   | 0   | 20  | 32  | 47  | 169 | 142 | 104 | 0   | 0   | 0   | 514   |
| 1986 | 0   | 0   | 2   | 0   | 76  | 104 | 205 | 131 | 44  | 8   | 0   | 0   | 570   |
| 1987 | 0   | 0   | 0   | 3   | 62  | 138 | 273 | 141 | 30  | 0   | 0   | 0   | 647   |
| 1988 | 0   | 0   | 0   | 0   | 34  | 111 | 356 | 266 | 23  | 3   | 0   | 0   | 793   |
| 1989 | 0   | 0   | 0   | 0   | 31  | 109 | 179 | 148 | 57  | 4   | 0   | 0   | 528   |
| 1990 | 0   | 0   | 8   | 29  | 2   | 127 | 225 | 160 | 56  | 24  | 0   | 0   | 631   |
| 1991 | 0   | 0   | 0   | 12  | 142 | 164 | 264 | 230 | 69  | 14  | 0   | 0   | 895   |
| 1992 | 0   | 0   | 0   | 0   | 21  | 85  | 201 | 123 | 71  | 0   | 0   | 0   | 501   |
| 1993 | 0   | 0   | 0   | 5   | 41  | 158 | 334 | 249 | 66  | 0   | 0   | 0   | 853   |
| 1994 | 0   | 0   | 0   | 13  | 18  | 188 | 280 | 109 | 27  | 0   | 1   | 0   | 636   |
| 1995 | 0   | 0   | 0   | 0   | 16  | 167 | 323 | 308 | 54  | 6   | 0   | 0   | 874   |
| 1996 | 0   | 0   | 0   | 0   | 38  | 117 | 132 | 155 | 71  | 0   | 0   | 0   | 513   |
| 1997 | 0   | 0   | 0   | 0   | 4   | 97  | 178 | 105 | 16  | 11  | 0   | 0   | 411   |
| 1998 | 0   | 0   | 17  | 0   | 59  | 128 | 157 | 184 | 71  | 0   | 0   | 0   | 616   |
| 1999 | 0   | 0   | 0   | 0   | 19  | 145 | 312 | 146 | 95  | 0   | 0   | 0   | 717   |
| 2000 | 0   | 0   | 0   | 0   | 45  | 117 | 101 | 126 | 60  | 0   | 0   | 0   | 449   |
| 2001 | 0   | 0   | 0   | 6   | 25  | 156 | 137 | 258 | 24  | 2   | 0   | 0   | 608   |
| 2002 | 0   | 0   | 0   | 44  | 26  | 139 | 276 | 254 | 74  | 8   | 0   | 0   | 821   |
| 2003 | 0   | 0   | 0   | 0   | 2   | 84  | 209 | 214 | 31  | 0   | 0   | 0   | 540   |
| 2004 | 0   | 0   | 0   | 7   | 91  | 82  | 164 | 153 | 41  | 0   | 0   | 0   | 538   |
| 2005 | 0   | 0   | 0   | 5   | 9   | 253 | 329 | 331 | 129 | 10  | 0   | 0   | 1066  |
| 2006 | 0   | 0   | 0   | 0   | 32  | 104 | 271 | 184 | 13  | 0   | 0   | 0   | 604   |
| 2007 | 0   | 0   | 0   | 1   | 56  | 147 | 187 | 205 | 98  | 52  | 0   | 0   | 746   |

**SNOWFALL (inches) 2007 WILKES-BARRE/SCRANTON (KAVP)**

| YEAR           | JUL | AUG | SEP | OCT | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-------|
| 1978-79        | 0.0 | 0.0 | 0.0 | T   | 4.1  | 7.9  | 12.7 | 14.3 | 1.1  | 4.4  | 0.0 | 0.0 | 44.5  |
| 1979-80        | 0.0 | 0.0 | 0.0 | T   | T    | 5.5  | 1.4  | 8.1  | 10.5 | T    | 0.0 | 0.0 | 25.5  |
| 1980-81        | 0.0 | 0.0 | 0.0 | T   | 8.6  | 8.0  | 11.1 | 7.0  | 5.8  | T    | 0.0 | 0.0 | 40.5  |
| 1981-82        | 0.0 | 0.0 | 0.0 | T   | 1.0  | 14.2 | 14.1 | 13.5 | 8.7  | 8.1  | 0.0 | 0.0 | 59.6  |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 0.5  | 7.4  | 8.4  | 12.3 | 3.8  | 26.7 | 0.0 | 0.0 | 59.1  |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | 3.1  | 2.7  | 11.2 | 4.0  | 18.4 | 0.0  | 0.0 | 0.0 | 39.4  |
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | 3.0  | 9.2  | 10.8 | 9.1  | 1.4  | 1.8  | 0.0 | 0.0 | 35.3  |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 1.7  | 13.4 | 12.9 | 11.6 | 1.1  | 8.6  | 0.0 | 0.0 | 49.3  |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 8.6  | 1.4  | 29.6 | 6.4  | 0.9  | 0.6  | 0.0 | 0.0 | 47.5  |
| 1987-88        | 0.0 | 0.0 | 0.0 | T   | 6.4  | 6.4  | 13.0 | 14.9 | 4.3  | 0.7  | 0.0 | 0.0 | 45.7  |
| 1988-89        | 0.0 | 0.0 | 0.0 | T   | T    | 1.1  | 2.1  | 3.0  | 1.1  | T    | 0.0 | 0.0 | 7.3   |
| 1989-90        | 0.0 | 0.0 | 0.0 | T   | 2.6  | 8.3  | 10.8 | 7.3  | 6.2  | 2.1  | 0.0 | 0.0 | 37.3  |
| 1990-91        | 0.0 | 0.0 | T   | T   | 0.4  | 8.4  | 6.6  | 7.6  | 7.2  | 1.1  | 0.0 | 0.0 | 31.3  |
| 1991-92        | 0.0 | 0.0 | 0.0 | 0.0 | 0.1  | 3.5  | 5.4  | 6.3  | 8.5  | 0.7  | 0.0 | 0.0 | 24.5  |
| 1992-93        | 0.0 | 0.0 | T   | T   | 0.5  | 10.0 | 3.8  | 12.1 | 32.0 | 1.9  | 0.0 | 0.0 | 60.3  |
| 1993-94        | 0.0 | T   | T   | 1.9 | 0.7  | 8.0  | 42.3 | 16.9 | 20.6 | T    | T   | 0.0 | 90.4  |
| 1994-95        | 0.0 | 0.0 | 0.0 | 0.0 | 1.3  | 0.4  | 7.6  | 9.7  | 5.2  | 0.8  | 0.0 | 0.0 | 25.0  |
| 1995-96        | T   | 0.0 | 0.0 | T   | 18.6 | 16.0 | 37.5 | 6.5  | 14.2 | 4.9  | 0.0 | 0.0 | 97.7  |
| 1996-97        | 0.0 | 0.0 | 0.0 | 0.0 | 1.4  | 11.7 | 6.5  | 5.2  | 12.7 | T    | 0.0 | 0.0 | 37.5  |
| 1997-98        | 0.0 | 0.0 | 0.0 | 0.0 | 4.8  | 16.6 | 5.7  | 7.2  | 6.3  | 0.0  | 0.0 | 0.0 | 40.6  |
| 1998-99        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 1.7  | 10.1 | 6.0  | 9.8  | 0.0  | 0.0 | 0.0 | 27.6  |
| 1999-00        | 0.0 | 0.0 | 0.0 | 0.0 | 0.9  | 1.3  | 21.6 | 5.9  | 1.3  | 5.1  | 0.0 | 0.0 | 36.1  |
| 2000-01        | 0.0 | 0.0 | 0.0 | 0.2 | 1.8  | 14.0 | 11.2 | 9.2  | 13.4 | 0.0  | 0.0 | 0.0 | 49.8  |
| 2001-02        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 1.2  | 22.6 | 2.2  | 4.0  | 0.1  | 0.0 | 0.0 | 30.1  |
| 2002-03        | 0.0 | 0.0 | 0.0 | 0.8 | 6.8  | 28.5 | 14.0 | 19.5 | 8.7  | 3.0  | 0.0 | 0.0 | 81.3  |
| 2003-04        | 0.0 | 0.0 | 0.0 | 0.5 | 1.2  | 19.5 | 15.9 | 5.0  | 10.8 | 0.5  | 0.0 | 0.0 | 53.4  |
| 2004-05        | 0.0 | 0.0 | 0.0 | 0.0 | 0.1  | 3.9  | 23.9 | 11.6 | 11.9 | 0.0  | 0.0 | 0.0 | 51.4  |
| 2005-06        | 0.0 | 0.0 | 0.0 | 0.0 | 1.3  | 10.3 | 4.8  | 3.7  | 6.4  | 0.5  | 0.0 | 0.0 | 27.0  |
| 2006-07        | 0.0 | 0.0 | 0.0 | 0.0 | T    | 0.2  | 5.9  | 19.5 | 12.9 | 10.6 | 0.0 | 0.0 | 49.1  |
| 2007-          |     |     | 0.0 | 0.0 | 5.9  | 16.4 |      |      |      |      |     |     |       |
| POR=<br>60 YRS | T   | T   | T   | 0.2 | 3.3  | 8.9  | 11.3 | 9.4  | 8.7  | 2.2  | 0.1 | 0.0 | 44.1  |

WBAN : 14777

**REFERENCE NOTES :**

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

**2007**  
**WILKES-BARRE/SCRANTON**  
**PENNSYLVANIA (KAVP)**

The Wilkes-Barre Scranton National Weather Service Office is located about midway between the two cities, at the southwest end of the crescent-shaped Lackawanna River Valley. The river flows through this valley and empties into the Susquehanna River and the Wyoming Valley a few miles west of the airport. The surrounding mountains protect both cities and the airport from high winds. They influence the temperature and precipitation during both summer and winter, causing wide departures in both within a few miles of the station. Because of the proximity of the mountains, the climate is relatively cool in summer with frequent shower and thunderstorm activity, usually of brief duration. The winter temperatures in the valley are not severe. The occurrence of sub-zero temperatures and severe snowstorms is infrequent. A high percentage of the winter precipitation occurs as rain.

Although severe snowstorms are infrequent, when they do occur they approach blizzard conditions. High winds cause huge drifts and normal routines are disrupted for several days.

While the incidence of tornadoes is very low, Wilkes-Barre has occasionally been hit with these storms which caused loss of life and great property damage.

The area has felt the effects of tropical storms. Considerable wind damage has occasionally occurred, but the most devastating damage has come from flooding caused by the large amounts of precipitation deposited by the storms. The worst natural disaster to hit the region was the result of the flooding caused by a hurricane.

# Station Location

WILKES-BARRE/SCRANTON

| LOCATION  | Occupied From | Occupied To | Airline Distances and Directions from previous Location | Latitude |         | Longitude               |                  | ELEVATION ABOVE      |              |                 |                           |                     |                   |                                 |  | REMARKS   |
|---|---------------|-------------|---|----------|---------|-------------------------|------------------|----------------------|--------------|-----------------|---------------------------|---------------------|-------------------|---------------------------------|--|---|
|   |               |             |   | NORTH    | WEST    | SEA LEVEL               | GROUND           |                      |              |                 |                           |                     |                   | AUTOMATIC OBSERVING EQUIPMENT * |  |   |
|   |               |             |   |          |         | GROUND TEMPERATURE SITE | WIND INSTRUMENT  | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET RAIN GAUGE | WEIGHING RAIN GAUGE | 8 INCH RAIN GAUGE |                                 | HYGROTHERMOMETER                                   |   |
| *NOTE:  |               |             |   |          |         |                         |                  |                      |              |                 |                           |                     |                   |                                 |  |   |
| AIRPORT   |               |             |   |          |         |                         |                  |                      |              |                 |                           |                     |                   |                                 |  |   |
| Terminal Building<br>Wilkes-Barre<br>Scranton Airport | 4/18/55       | 4/01/96     | 6mi.SW  | 41° 20'  | 75° 44' | 940<br>g930             | 92<br>b21<br>h33 | 5<br>e30             | 4<br>e30     | unk<br>a60      | NA<br>c3                  | 5<br>f5             | 3<br>f3           | NA<br>d5<br>i5                  | NA   | a. Effective 7/1/57.<br>b. Moved to field site 10/1/59.<br>c. Installed on field site 10/1/59.<br>d. Commissioned 1000' NE of thermometer site 10/5/59.<br>e. Effective 10/29/59.<br>f. Moved 140' NNW 7/2/63.<br>g. Value for hygrometer site per survey of 10/7/63.<br>h. Effective 7/31/79.<br>i. Type change 11/7/84. |
| Wilkes-Barre Scranton<br>Airport                      | 04/01/96      | Present     | NA  | 41° 20'  | 75° 44' | 955                     |                  |                      |              |                 |                           |                     |                   | S                               | ASOS Commissioned 04/01/96<br>j. Ground elevation. |   |

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